1	1 Tuesday, 1 February 2002		1		you have been sworn. Mary will ask you to affirm in
2	(10.	00 am)	2		a moment. Then Ms Richards will ask you the
3	SIR	BRIAN LANGSTAFF: Good morning, Dr McClelland, can you	3		questions.
4		hear me?	4		Mary, please.
5	THE	E WITNESS: Yes.	5		WILLIAM MORRIS McCLELLAND (affirmed)
6	SIR	BRIAN LANGSTAFF: Ah, good. And you can see me?	6		Questioned by MS RICHARDS
7	THE	E WITNESS: Yes, I can.	7	MS	RICHARDS: Dr McClelland, can you see and hear me? You
8	SIR	BRIAN LANGSTAFF: Good.	8		can?
9		Now you are in the Belfast City Hospital, are	9	A.	Yes.
10		you?	10	Q.	Good. You took up your post as consultant and deputy
11	THE	E WITNESS: Well, I'm actually in the blood transfusion	11		director of the Northern Ireland Blood Transfusion
12		centre headquarters, which is in the Belfast City	12		Service in August 1978; is that right?
13		Hospital.	13	A.	That's correct.
14	SIR	BRIAN LANGSTAFF: And are you there on your own?	14	Q.	Before you joined the Northern Ireland Blood
15	THE	E WITNESS: Just with legal representatives next door.	15		Transfusion Service, what was your clinical experience
16	SIR	BRIAN LANGSTAFF: I think there is a technician on	16		and practice?
17		hand in case the IT has problems.	17	A.	It was after my houseman year in '71 to '72,
18	THE	E WITNESS: In this yes, in this room as well.	18		I trained went through a training programme in
19	SIR	BRIAN LANGSTAFF: Good.	19		haematology and laboratory medicine. From '72 to '75
20		You're talking to Aldwych House in London. We	20		I was based in the laboratories at the Belfast City
21		have a select and small group of people in this room,	21		Hospital, so that involved not just haematology but
22		but you're talking more particularly to the public who	22		also histopathology, biochemistry and bacteriology.
23		are watching online. There will be at any one time	23		I then moved to the Royal Hospital in '75 until '78,
24		around 100 or so people listening. So that is the	24		and that was based in haematology, with greater
25		audience which will be listening to your answers once	25		emphasis there, when I was there, on the clinical
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1		aspect of haematology.	1		I say "we" I mean Colonel Field and myself we were
2		So I worked for a considerable amount of the	2		very conscious of the relatively isolated position,
3		time in the ward, in the inpatient, also the day	3		being in Northern Ireland, and it was essential for me
4		patient centre. That involved treatment of patients	4		to spend periods of time like that in other centres.
5		with leukaemia and indeed haemophilia. But there was	5	Q.	Then in June 1980, you became the director of the
6		also a laboratory component, including blood	6		Blood Transfusion Service in Northern Ireland when
7		transfusion, hospital blood transfusion practice.	7		Colonel Field retired?
8	Q.	When you moved to the Blood Transfusion Service in	8	A.	Yes.
9		August 1978, I think the director at that time was	9	Q.	And you remained in that post with that title until
10		Colonel Field; is that correct?	10		May 1994, and then with effect from June 1994 to
11	A.	That's correct.	11		July 2009 you were chief executive and medical
12	Q.	And you were deputy director until May of 1980.	12		director of the Northern Ireland Blood Transfusion
13		During that time you've told us in your statement you	13		Service Agency; is that correct?
14		had a range of one to two-month placements in regional	14	A.	That's correct.
15		transfusion centres in Edinburgh, Bristol, and London.	15	Q.	As I understand it from your witness statement,
16		What was the purpose of those placements?	16		Dr McClelland, the main difference with the latter
17	A.	To learn as much as I could about running a blood	17		role, the agency role, was that you had a greater
18		transfusion centre. My experience until my	18		degree of budgetary responsibility in that role and
19		appointment had been entirely hospital-based. I had	19		a greater degree of monitoring by the agency board; is
20		spent occasional one-week periods in the Northern	20		that correct?
21		Ireland blood transfusion centre, but it was very much	21	A.	That's correct.
22		a requirement for me to broaden my experience in other	22	Q.	But essentially from June 1980 to July 2009 you were
23		blood transfusion centres to learn how other people,	23		in charge of the Northern Ireland Blood Transfusion
24		other centres carried on their work to gather up ideas	24		Service?
25		about developments. Now I think we were very when	25	A.	That's correct. I was responsible to the board,

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- 1 the agency board, for the general management of the 2 Blood Transfusion Service.
- 3 Q. I want to ask you a little first of all about the 4 facilities that were available to you when you joined 5 the service in 1978 and then became director in 1980. 6 The headquarters of the Blood Transfusion Service,
- 7 were they in Durham Street in Belfast?
- 8 A. That is right. Yes.
- 9 Q. And is it right to understand that they were not part 10 of a hospital, the physical site of a hospital?
- 11 A. No, it was -- the Durham -- I can explain, if you 12 would like me to, a little bit of the background. 13 This was an old chest clinic -- it was an old building 14 and had been used as the main chest clinic in Belfast. 15 It was -- I maybe should explain. My --16 Colonel Field, when he took over in '69, actually the 17 service was not only physically but administratively 18 separate, in other words the laboratories and the
- 19 donor administration were separate organisations and 20 physically separate. When Colonel Field took over, he
- 21 did two things: one, he merged those two aspects of 22 the service, which is very much in keeping with every
- 23 other blood transfusion centre in the UK; and he also
- 24 located this centre in Durham Street, this chest
- 25 clinic, and it was refurbished for the purpose. It

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- 1 responsibility for the laboratory side and one with 2 responsibility for the donor programme; is that 3 correct?
- That's correct, yes. I probably should have added in 4 5 my statement: in addition, at that time, the head 6 nurse, who was responsible for the blood donor 7 attendance, actually reported directly to me for 8 a number of years. Then, in 1992, a new -- a donor 9 services manager was appointed who was responsible for 10 the donor attendants as well as the other staff.
 - And there were a range of medical staff and blood donor attendants, but I'll come on to ask you about those in a while when we look at the donor collection arrangements?

I want to start next, then, by asking you to look with me at some annual reports of the Eastern Health and Social Services Board, Dr McClelland, which I hope made their way to you overnight.

- 19 A. Yes, yes. I just got a chance to look at them about 20 half an hour ago.
- 21 Q. Good, good.
- 22 A. Yes.

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23 Q. Although they're long documents, I'm only going to 24 take you to the sections relating to the Blood 25

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Transfusion Service.

was only ever intended to be a temporary arrangement, 2 that's what Colonel Field always said to me, that it 3 was intended to suffice for perhaps ten to 15 years, 4 and then the plan at that time was that there would --5 should be provided a new purposed designed centre.

That took rather longer to achieve.

- 7 Q. You told us in your statement that the building was 8 increasingly unsatisfactory for a blood transfusion 9 service, and it was accepted, really from the time you 10 were a director in 1980, that there was a need for 11 a new building, but that didn't happen, I think, until 12 1995?
- 13 A. That's right. It was increasingly --14 as more development took place, it was increasingly 15 short of space to start with. And just the general 16 environment for transfusion operation, it did not meet 17 what would have been considered the requirements of 18 a transfusion centre.
- 19 Q. Now in terms of staffing, you've told us in your 20 statement that Colonel Field operated largely 21 single-handedly for much of his tenure, but when you 22 became director you recruited a deputy director and 23 consultant, and that was Dr Bharucha, was it?
- 24 A. Yes, that is correct. Yes, in 1981.
- 25 Q. You had two operational managers, one with the

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Sully, could we have RHSC0000078, please. You'll see, Dr McClelland, this is the annual report of the Eastern Health and Social Services Board for the year 1980.

Sully, could we go to, I think it should be, page 41.

So at the bottom of the page, there's a heading "Northern Ireland Blood Transfusion Service and Blood Transfusion Service Laboratories". And I'm just going to read those paragraphs:

"This was a difficult year for the Northern Ireland Blood Transfusion Service and for the first time in recent years the number of units of blood collected was actually less than in the previous year. This was the case in spite of the fact that the total number of donation sessions was increased. The reduction was undoubtedly due to the effects of the recession with resulting factory closures and pay-offs. In spite of this the needs of all hospitals in Northern Ireland for blood and blood products were

"During the year a total of 66,401 donations were made to the service. This again included emergencies when donors attended at all hours of the day and night. Good cooperation is still being

> 8 (2) Pages 5 - 8

received from employers who continue to permit sessions to be held on their premises and in many cases permit employees to attend nearby sessions during working hours."

If we can just keep that on the screen, Sully, before we go to the next page.

What was it that made this a difficult year? There's a reference to the recession and factory closures --

10 A. Yes.

- 11 Q. -- where did that have an impact upon the Blood12 Transfusion Service?
- A. Factories and other places of work were a very important source of donors in those days, certainly. If you compare factories and workplaces with public sessions, the percentage of members of the public --of people donating -- was much higher with -- in those facilities, perhaps for fairly obvious reasons, that people were -- it was much more convenient with the service visiting their place of work.

Whatever the reason, that was -- these were a very, very important source of blood donors and, of course, when one -- if a factory closed down or -- I mean, to give the example of perhaps best known in Northern Ireland, the shipyards at Harland & Wolff, we

out to be not a very suitable location. It was rather close to areas of civil strife and it was directly affected, certainly during the '70s and into the '80s and beyond by bombings with -- there were times when the centre actually had to be evacuated during such episodes.

So that was the headquarters. Yes, throughout the province, there were areas where one had to take account of the impact of the Troubles in terms of arranging sessions. I must say, in terms of cross-community support, that was often extremely good. But, you know, nevertheless, there could have been fears among donors about, in mixed communities, crossing to a particular venue. So there were issues there that would have had an effect.

Q. If we go to the next page, please, of this report, you can see at the top of the page it says, "New centres open during the year were as follows", and we can see reference there to a Young Offenders Centre and Ebrington Barracks. I'll come back to the issues raised by donor sessions in locations such as those a little later, Dr McClelland.

If we skip the next paragraph the paragraph after that records:

"During the year recruitment was commenced for

used to go there for a full week. There were enough staff to enable us to collect blood for a full week.

Some years later that was down to one day, and there were numerous examples like that. And, of course, when those places of work closed down, they had to be replaced. We had to find alternatives and that took a lot of effort and time to do.

- Q. You also, in your witness statement, Dr McClelland, as well as referring to the impact of factory closures, also refer to the impact of the Troubles --
- 11 A. Yes.
- 12 Q. -- on the work of the Blood Transfusion Service.
- 13 A. (Witness nodded)
- Q. In broad terms, how did that make the Blood
 Transfusion Service's role more problematic? What difficulties did it cause?
- A. From two points of view. First of all, of course,
 demand for blood, as you can imagine, especially
 during major trauma episodes like bombings, and so on,
 there would be a very sudden increase in the demand
 for blood at short notice. So that was one aspect.
 The other, of course, is just the security situation
 itself.
 - You start with the headquarters at Durham Street. It turned out -- Durham Street turned

a special panel of blood donors who were prepared to undergo pheresis on the cell separator machine which is cited in the Royal Victoria Hospital. This procedure is used to collect white cells which are of value, mainly in the treatment of patients with acute leukaemia."

I'll come back to the question of plasmapheresis again later. Then it continues:

"The increasing need for blood components resulted in a larger proportion of the blood collected being fractionated. This is reflected in the increased number of concentrated red cells prepared and also the increased production of platelet concentrates and fresh frozen plasma. The laboratory continued to send plasma for fractionation to the Blood Products Laboratory ... Elstree and in return received plasma protein fraction and other blood components. Some of these components were sent from BPL directly to hospital units, eg Factor IX and certain immunoglobulins and these are not included in the statistics. Other blood components supplied by the Blood Bank were cryoprecipitate, dried plasma and anti-D immunoglobulin."

Again, Dr McClelland, I'm going to come back to the question of arrangements with BPL in a little

or 25 the question of

(3) Pages 9 - 12

1 while. the laboratories. So it was really all aspects of 2 Then if we go a little further down, we can see 2 blood transfusion, laboratory aspects and clinical 3 3 a paragraph beginning: aspects. 4 4 "The hepatitis laboratory continues to test all Q. Then if we can turn to page 108, please, of this 5 5 blood donors and ante-natal patients with the presence document, Sully. 6 of hepatitis B antigen." 6 This is an appendix which gives various 7 I'll come back to that again later. 7 statistics for the Transfusion Service so we can see 8 Then the final paragraph: 8 we have the numbers on the civilian donor panel, as at 9 "During the year doctors, medical laboratory 9 the end of 1980, the figure being 96,309. Places 10 10 scientific officers and for the first time medical outside Belfast visited, 125. Then it sets out 11 11 students, were given tuition on various aspects of centres at which donations were received. 12 12 blood transfusion." Sessions held: 230 in Belfast; 502 outside Just pausing there, Dr McClelland, at that time, Belfast. Then donors attending sessions: 20,425 in 13 13 14 so 1980, what kind of tuition were you providing to 14 Belfast; 52,866 outside of Belfast. doctors MLSOs and medical students, on blood 15 15 Then if we just look at the table at the bottom 16 transfusion? 16 of the page, it gives an idea of the statistics. I'll 17 17 Yes, well, on my appointment I was asked by Professor just, for present purposes, look at the figure for 18 Bridges, the professor of haematology, to take on the 18 donations. So we can see 1974 it's 54,000-odd, and 19 teaching of medical students in all aspects of blood 19 then there seems to be a small annual increase in most 20 20 transfusion. So that would have involved two lectures years, and then in 1980 a slight decrease. 21 to the whole year, and then we divided the year 21 Then if we could go over the page, there's 22 into -- I think there were eight different -- eight 22 a heading "Statistical Report 1980", I don't need to 23 small groups who came to the transfusion centre for 23 ask you about this page but, if we can go to the next 24 the more detailed instruction provided, and actually. 24 page, please, could we just go closer so we can see 25 at that time, were able to visit particular parts of 25 the figures under the heading "Blood Bank", please, 13 14 1 Sully. Thank you. 1 six months. At least six months. So I can't give an 2 So we've got there some statistics. Again, 2 exact explanation as to why there's guite a -- such 3 I won't go through all of them but it gives us a sense 3 a large discrepancy there, or apparent discrepancy. 4 of what was happening: whole blood issued, 57,462 4 Q. I'm going to ask you to look next at the report for 5 units; red cell concentrates prepared, 23,630 units. 5 the following year, for 1981. 6 6 Sully, could we have RHSC0000073. Then we can see, a few lines further down: 7 plasma collected for albumin production for BPL, 7 So this is the eighth annual report, year ended 8 6,000; and albumin production for Dublin, 1,210; fresh 8 31 December 1981. 9 frozen plasma prepared, 1,574; then cryoprecipitate 9 Could we go to page 38, please. 10 prepared, 5,080 packs prepared, and then 3,531 packs 10 We can see there the heading: "Northern Ireland Blood Transfusion Service and 11 issued. 11 12 Then there are various other statistics in 12 **Blood Transfusion Service Laboratories** 13 13 "The effects of the recession continued to relation to other products and components. 14 14 create difficulties for the Northern Ireland Blood In relation to the cryoprecipitate, are you able 15 to assist us, Dr McClelland, in understanding the 15 Transfusion Service with the resulting factory reason for the shortfall between the volume prepared 16 closures and redundancies: 26 sessions were lost 16 17 and the volume issued? 17 during the year and many of the existing factory 18 A. Um, no, other than it would have been really a case of 18 sessions produced fewer donors. Strenuous efforts 19 demand. It does seem quite a low figure for issues, 19 were made to compensate for this loss by opening new 20 20 but that must be correct. sessions and increasing the level of publicity. 21 21 But cryoprecipitate, like most blood components, Twenty new centres were opened including a regular 22 were -- production was very much demand led. The 22 weekly session at the YMCA, Wellington Place. The 23 23 difference there would suggest that we would have been total number of sessions was increased from 732 to 758 24 holding quite a large stock. Of course the shelf life 24 and the needs of all the hospitals for blood and blood 25 of cryoprecipitate was, I think, in the region of 25 components were met despite many problems.

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(4) Pages 13 - 16

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"During the year a total of 64,135 donations were collected. This represented a slight decrease on the previous year's total but there was evidence of a significant improvement during the latter months of the year as the new strategies for recruiting donors became effective."

And then if we go further down the page -- thank you. So about three paragraphs up from the bottom of your screen, Dr McClelland, there's a paragraph beginning:

"The laboratory continued to send plasma for fractionation to the Blood Products Laboratory ... [at] Elstree and in return received plasma protein fraction and other blood components."

And it continues by explaining:

"Blood components supplied by the Northern Ireland Blood Transfusion Service were: cryoprecipitate, dried plasma, salt-free albumin and anti-D immunoglobulin."

So right to understand, a similar picture, broadly speaking, to the previous year?

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Q. Then if we could go, please, Sully to page 102, we've got the donor panel figures there. They're not easy to read in full because the right-hand side of the

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Transfusion Service.

"Five factory sessions were lost but to compensate for this eleven new centres were opened during the year. The total number of donations collected was 63,310, which represents a slight reduction on the previous year. In spite of the difficulties the needs of all hospitals in Northern Ireland for blood and blood components were met."

Then if we go -- if we have the whole document, thank you. If we go to fourth paragraph further down:

"In the laboratories an important development during the year was the establishment of a link-up with the Protein Fractionation Centre, Edinburgh ... which produces purified proteins made from blood plasma which it receives from Transfusion Centres. All plasma previously sent to the Blood Products Laboratory, Elstree, is now sent to the PFC for fractionation. The easier access to the Edinburgh Centre allows the transport of fresh deep frozen plasma which is necessary for the production of Factor VIII concentrate. This protein is necessary for the treatment of haemophilia and its usage had been increasing rapidly. Previously Factor VIII has been purchased from commercial sources but it is hoped to become self-sufficient in the not too distant

page is cut off. But if we could go two further pages on, again we've got similar statistics, and I just wanted to pick up upon the figures for cryoprecipitate. That's just over halfway down the page.

"Cryoprecipitate prepared ... 2,918 Packs ... "Cryoprecipitate issued ... 3,473 Packs ..."

So it looks as though in that year you were producing less cryoprecipitate although the amount 10 actually issued was roughly the same as the previous 11 vear?

- 12 A. Yes. Yes, it looks like we were -- it looks like we 13 had built up a fairly healthy stock from the previous 14 year and presumably had run down that -- allowed that 15 to run down a little bit, and hence the smaller figure 16 for number of packs prepared.
- 17 Then we can pick up the picture for 1982 at 18 RHSC0000076.

So we've got there the 1982 annual report. If we could go, please, to page 34. Under the heading "Northern Ireland Blood Transfusion Service and Blood Transfusion Service Laboratories", the report reads:

"The effects of the recession with resulting factory closures and redundancies continue to create difficulties for the Northern Ireland Blood

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1 future."

> Then there's a reference to some additional laboratory tests.

Again, I'm going to come back, Dr McClelland, to the arrangements with the PFC. These documents are just by way of overview.

If we can go to page 106, please, the statistical report.

Again, we've got the donor panel figures there. Can you just assist me with understanding, "Donors removed from panel during year" -- we saw this in the earlier reports as well -- so the third figure down on the page gives a figure there of 9,338. Was that mainly because of donors reaching an age whereby donations were no longer taken from them or was that due to assessment for unsuitability, or what, in general terms, would lead to removal from the panel?

A. Yes, a mixture of reasons. You've mentioned exceeding the age limit for donation. We would have had a practice that if, after -- obviously donors were called by letter to invite them to donate. If there was no response after a certain length of time, typically that would be two years but it would vary according to the frequency of visits, I think, to that venue, but in the absence of response after a certain

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(5) Pages 17 - 20

1 length of time, donors -- a donor would be no longer 1 of the page. 2 called, no longer invited by letter and would 2 We've got the now-familiar heading, and then it 3 3 therefore be removed from the panel. explains: 4 4 Q. Then if we go two pages further on, please, Sully, "As in the previous two years, the effects of 5 5 page 108. the recession with resulting factory closures and 6 The bottom half of the page, under the heading 6 redundancies, led to the loss of further donation 7 "Blood Bank" again gives similar information to that 7 sessions. Altogether 15 sessions had to be closed 8 which we've seen previously. 8 down of which the majority were in factories, but 13 9 Towards the bottom of the page we can see the 9 new centres were opened. 10 figures for cryoprecipitate packs: 3,086 issued --10 "An important development was the opening of a new Blood Donor Centre at College Street, Belfast 11 sorry, prepared; 3,253 packs issued. 11 12 12 Then if we go over the page we can see the first towards the end of the year. This is open every 13 two entries refer to the plasma being sent to 13 Tuesday and Thursday while a session continues to be 14 Edinburgh, "Outdated plasma". Is that what we see 14 held in Durham Street on Mondays. It is hoped that referred to elsewhere as "time-expired plasma", 15 this arrangement will lead to a steady increase in the 15 16 Dr McClelland? 16 number of donations collected at Headquarters." 17 17 A. That's correct, yes. It's really the same as And then if we go two paragraphs further down, 18 time-expired. 18 it refers to: 19 19 Q. Then -- sorry. And then fresh frozen plasma for "A link-up between the Northern Ireland Blood 20 20 Edinburgh, plasma collected for fractionation for Transfusion Service and the Protein Fractionation 21 Dublin. Again, I'll come back to those. 21 Centre, Edinburgh was established in 1982 and during 22 22 If we can just then move to the report for 1983, 1983 a steadily increasing supply of plasma was 23 RHSC0000081, please. So the tenth annual report, year 23 transported to this centre and purified blood products 24 ended 31 December 1983. 24 received back on a pro-rata basis. The aim is to 25 If we go to page 25, please, Sully, bottom half 25 achieve self-sufficiency in all blood products, 21 22 1 particularly Factor VIII and albuminoid products, the 1 If we go to page 21, please. Bottom half of the 2 demand for both of which is increasing rapidly." 2 page, it records: 3 3 "The graph illustrates the decline in the number Then if we can go to page 95. 4 4 We've got the figures there for the donor panel. of donors during the period 1979-1983. A great deal 5 We can see from the fifth line the number of 5 of effort has been required to compensate for this donations: 62,283. So that, again, is a slight 6 6 loss by opening new 'public' sessions which ensure 7 reduction on the previous years. Then we have the 7 that the needs of all hospitals for blood products 8 figures there for plasmapheresis and cell separator 8 were met. 9 9 "There was a slight increase in the number of donors. 10 If we go on a further two pages, we've got the 10 donors during the year -- at 64,766 as against 62,283 "Blood Bank" figures at the bottom of the page. 11 11 12 And if we can go over the page, top of the next 12 Then there's reference to a garden party at 13 13 Hillsborough Castle. page, we've got the cryoprecipitate figures: 2,432 14 packs prepared, 2,516 packs issued. 14 Then: 15 So we can see, I think, Dr McClelland, overall 15 "During the year the acquired immunodeficiency between 1980 and 1983, a reduction in the amount of 16 16 syndrome (AIDS) became a very public issue, not least 17 cryoprecipitate being prepared and being issued. 17 because of the implications for blood transfusion 18 18 services. Number of important measures are being Α. Q. And then we've got the figures in terms of plasma for 19 19 taken to prevent the transmission of AIDS to 20 20 Edinburgh, and we can see there, in relation to the recipients of blood and blood products. The virus has 21 21 fresh frozen plasma for Edinburgh, a significant now been identified and it is likely that a screening 22 increase. So over 5,500 kilograms there recorded. 22 test will soon be available for detecting any blood 23 23 The last report I want to ask you to look at is donors who are carrying the virus. 24 the following year, 1984. RHSC0000069, please. 24 "A continuing trend in blood transfusion 25 This is the annual report for 1984. 25 practice has been the increase in demand for blood

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(6) Pages 21 - 24

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components (platelets, plasma products, etc), while the requirement for 'ordinary' blood transfusion (red cells) remained fairly steady. To meet this demand 1984 saw a further substantial increase in component production and in the supplies of plasma to the Protein Fractionation Centre, Edinburgh."

Then we don't have, I'm afraid, a similar statistical report to the reports in the previous years.

Does what's set out there, in terms of in particular issues relating to numbers of donors, accord with your recollection of the difficulties that were experienced in the early 1980s?

- A. Yes, I think so. I have not seen these reports for a very, very long time, and -- but yes, it does accord with what I -- my memories of the particular difficulties in those -- the 80s, with factory closures and so on. Certainly we -- we did have to work very hard in order to maintain supplies and had to look at various methods. Very -- often, increasing just the number of opportunities to donate, in other words increasing the number of venues, but there were also recruitment initiatives which maybe are not mentioned there, but that was also important.
- Q. Now, those were reports published by the Eastern

- of money covering all laboratories in the province --hospital diagnostic laboratories and the blood transfusion laboratories, and so each of those put in their bid each year for additional staff or major items of equipment, and how that money was allocated was decided by a committee of pathologists, of senior doctors, and fed down through the boards. So there were those special arrangements in respect of laboratory services, which is obviously -- obviously an important part of our business.
- 11 Q. Do you know why it took so long to get a newheadquarters, a new location and proper building?
 - A. A number of reasons. When -- although I was told that it had been decided that this was a temporary -- the building in Durham Street was temporary, certainly when I joined the service there was no actual earmarking of funds or site for a new centre. So it was there as a kind of aspiration, but nothing was actually there to make it happen at that point. I obviously lobbied -- it was one of my major objectives, obviously, to get a new centre. I lobbied anyone who seemed relevant to do so at the Eastern Board and at the Department of Health.

One of the problems we ran into was major capital development, major building works. These were

Health and Social Services Board. Is it right to
 understand that it was that Board which provided the
 funding for the Blood Transfusion Service until around
 1993/1994?

A. Yes, the NIBTS was responsible to the Eastern Board and, in fact, the Eastern Board held the budget. NIBTS -- I was not in those days the budget holder, which was probably unusual. I think, in those parts of the UK the director was the budget holder. That's not what I inherited. So the budget was held at the Eastern Board and management support was provided by the Eastern Board. There was a section within the Eastern Board called management services, which provided a range of support services.

Really, in terms of funding, I suppose control was exercised by -- as I say, I was not the budget holder but control was exercised by limiting the appointment of new staff. I think that was the -- any small change in staff, any increase, no matter how small, required the approval of the Eastern Board.

There were also special arrangements for laboratory staff which was a regional -- was a special regional arrangement for funding laboratory staff and laboratory equipment. So that was considered on a regional basis but -- in that there was a fixed pot

operated on five-year cycles. I remember -- certainly I can't remember the first time this happened but we ran into a situation where there was a complete --within the Health Service in Northern Ireland, there was a complete embargo on any capital development. So you had, therefore, one of these five-year periods where there was absolutely no new money for capital development of any kind.

So that was a major cause of hold-up. Then, when money -- some money started to become available, there was an issue around a site -- selecting an appropriate site. I certainly was keen that the centre moved to a hospital site, preferably a teaching hospital site, and that eventually happened but there were difficulties there in achieving that.

- Q. Now, other than issues relating to funding, which
 obviously had an important role to play, but leaving
 those aside, did the Eastern Health and Social
 Services Board become involved in decision making
 regarding the policies and practices of the Blood
 Transfusion Service or was that left largely to you?
- A. Well, yes, they did become involved on major issues.
 Obviously, I would -- the first big issue, the first
 big issue which was brought to them, and when they
 became very involved and had to involved in, was the

(7) Pages 25 - 28

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old question of self-sufficiency and plasma products. I had put forward a proposal of this, of various advantages of the move to Edinburgh, and so on, that led to that. And, yes, in the -- they were -- became very much involved in that.

And obviously some -- major policy decisions linked -- related to AIDS later, and so on, they would have been involved. Not really so much in the day-to-day running on the service, although I have to -- as I think I alluded to earlier, any new member -- any new additional staffing did have -- did require the approval of the Eastern Board and it was this department, management services, which one had to apply to get approval for anything of that nature.

15 Q. Then what about the Department of Health and Social 16 Services in Northern Ireland? What kind of 17 relationship did you have with that Department and 18 what role did they have vis à vis the Blood 19 Transfusion Service?

20 A. Yes, I certainly had a relationship with the 21 Department of Health. I should say, as far as my job 22 description was concerned, these sort of reporting 23 relationships were never -- weren't really spelt out. 24 There was a sort of ultimate responsible to the head 25 of the Eastern Board, the chief administrative

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- 2 Just that, as it is stated here, that policies adopted 3 in London, almost invariably, I would say, certainly anything that affected NIBTS followed the policy in 4 5 London. If you contrast that with post-direct rule 6 when the Assembly was started, which I think was 1999, 7 I think one would still have found that their policies 8 tend to follow the DoH London. But, on some issues, 9 there might have been begun -- there might have 10 started to be some divergence.
- 11 Did you, yourself, have any direct dealings with the 12 Department of Health and Social Security in London?
- A. No, no. That would have been via the Department in 13 14 Northern Ireland. So I can think of some committees, 15 advisory committees, in London. Concerning blood 16 transfusion, I can think of one that the Inquiry 17 provided me with, it's an example advisory committee 18 on blood transfusion, but the representative from 19 Northern Ireland on that was one of the medical people
- 21 Q. Then --

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- 22 A. -- not myself.
- 23 Q. -- did you have any significant dealings with Health 24 Authorities or Department of Health in the Republic of 25 Ireland in the '80s or '90s?

from our own Department of Health --

officer, I think that was the only thing. In 2 practice, I had a relationship -- working relationship 3 with the chief officer -- the Chief Medical Officer of 4 the Eastern Board and with the Chief Medical Officer 5 of Northern Ireland -- of the Department of Health. 6 Yes. Yes.

> And I did, in practice, have pretty regular communication on medical matters, again certainly with regard to the self-sufficiency issue, important issues like that, and the HIV.

Q. In your witness statement -- we'll just put it up on screen, it's WITN0892001, please, Sully. Yes, page 5. So it's the top of page 5. You've said:

"There were no formal relationships with other blood services in the UK but policies and procedures were often shared with other RTCs in GB and adopted by NIBTS."

Then this:

"This was particularly appropriate because policies adopted by [Department of Health and Social Services Northern Ireland] typically followed those of DoH (London) since [Northern Ireland] was under direct rule from London."

What, in practice, was your understanding of the impact of, as you described there, direct rule from

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Not -- I wouldn't have had any dealings with the DoH 1 2 in the Republic of Ireland. But, obviously, our own 3 Department would have that. We had -- quite a lot of 4 informal communication with the -- at the blood 5 transfusion level. Mainly at a professional level 6 there were a lot of cross-fertilisation of ideas in 7 various ways, at the medical level, those in the Irish 8 blood -- so mainly medical.

There was a very active laboratory MLSO group that met on an annual basis between the Dublin service and themselves and also at the donor organisation level, there were regular communications there and there were even invitations to donor award events in both directions that I can recall, particularly in the early '80s, or during the '80s.

- 16 Q. Now, I just want to ask you a little next about the 17 process of inspection by external agencies or 18 organisations. Is it right to understand that your 19 first recollection of an external inspection of the 20 Transfusion Service was the 1981 visit by the Protein 21 Fractionation Centre?
- A. That's right, yes. Yes. 22
- 23 Q. We'll look at that in a little while. But I -- as 24 I understand it from your statement, personnel from 25

the Protein Fractionation Centre would then

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(8) Pages 29 - 32

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- subsequently carry out, from time to time, inspections
 of the processes and procedures at the Northern
 Ireland Blood Transfusion Service; is that right?
- 4 A. That's correct.

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- 5 **Q.** Then your statement explains also that there was
 6 inspection by the Medicines Inspectorate of the
 7 Northern Ireland Blood Transfusion Service. Your
 8 recollection is that the first one was December 1982,
 9 and then it was roughly every two years; is that
 10 correct?
- 11 A. That's my recollection, yes.
- 12 Q. Then if we can go back to your statement, WITN0892001,13 and go to page 10, please.

We pick it up at the bottom of this page. This is where you refer to the inspection by the Medicines Control Agency. The last three lines of that page you say:

"The granting of a manufacturing licence ... to NIBTS was delayed due to the inadequate premises. Indeed, this was a crucial factor in securing the eventual funding for a new NIBTS [then we go to the top of the next page] Headquarters unit. The service relocated to the new (current) centre in 1995, and was granted a manufacturing licence after the first subsequent inspection."

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- Blood Transfusion Service in England and Wales operated?
 - A. Um ... well, I suppose the most obvious difference would have been the fact that it was -- Scotland had a national service, a nationally coordinated service, whereas in England that service was delivered by, whatever, 14 Regional Health Authorities. So there was that attempt, certainly, to run a nationally coordinated service, albeit each regional centre seemed to have quite a lot of autonomy in their operations. There wasn't an absolute requirement to follow a national line. So I suppose national decisions were taken more by consensus than by diktat.

So, let's see, differences. I mean, there are certainly a lot of similarities. I think that's -- perhaps that's the most -- high-level -- at a high level, that was the most important difference.

There was obviously an earlier approach in Scotland towards self-sufficiency, which had quite a lot of influence in my own thinking, because Edinburgh was the first -- going back to those placements, it was the first centre I had spent some time in. And I became very conscious of the importance of that.

Q. Now you've told us in your statement that you alsoattended an annual forum with Dr Elizabeth Mayne, the

If we can just go back to the bottom of that previous page, Sully.

Can you recall what it was about the premises
that held up the grant of the licence or what it was
that the MCA was particularly concerned about?

- A. I don't recall that the MCA identified any specific issue. I think it was just the general environment
 and the -- a lack of -- the insufficient space for a blood transfusion facility. I can't recall there
 was anything -- any specific issue on the premises.
- 11 Q. You can take that down. Thank you.

I just wanted to ask you next a little about the kind of meetings that you held with others working in the transfusion service across the United Kingdom.

You attended the meetings of the Regional
 Transfusion Directors of England and Wales,
 I understand.

- 18 A. That's correct.
- 19 Q. You also, following the establishment of the
 20 arrangements with the Protein Fractionation Centre,
 21 attended the directors' meetings of the SNBTS in
 22 Scotland?
- 23 A. That's correct.
- Q. Did you observe any particular differences between theway in which SNBTS operated and the way in which the

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- Haemophilia Centre Director in Belfast,
- 2 representatives of the Eastern Health Board. I don't
- 3 think we have any minutes of those meetings but can
- 4 you recall broadly what their format and purpose were?
- 5 A. Yes, I can't remember what year those started.
 - I suspect it was probably the middle '80s before those
- 7 got under way. The purpose was really to try to
- 8 coordinate supplies with usage and demand for
- 9 Factor VIII and other coagulation concentrates. There
- 10 was a great deal of concern at the management level of
- 11 the Eastern Board level of the rapidly rising costs,
- 12 but obviously the board wanted to understand how the
- system worked. Perhaps how costs might be contained.
 So it was really a coordinating role with respect to
- 14 So it was really a cooldinating fole with respect to
- 15 supply and demand for those products.
- 16 $\,$ Q. You've referred to self-sufficiency, and indeed we saw
- 17 that as an objective identified in the annual reports
- 18 that we looked at. Was attaining self-sufficiency
- 19 a policy that was adopted really after you took up
- 20 your job as director? Or had it always been, in
- 21 principle at least, the policy of the Blood
- 22 Transfusion Service?
- 23 A. I can't really speak about what was pre -- certainly
- 24 pre-1978, or even pre-1980. I think during most of
- 25 the '70s, self-sufficiency would have meant

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maintaining supplies of blood and blood components at an extremely difficult time. I really do not know what kind of -- I'm not aware of what kind of decision-making approach was taken during the '70s with respect to self-sufficiency and Factor VIII.

I presume there would have been meetings involving the Department of Health's Blood Transfusion Service and the Haemophilia Centre on these matters, but I'm not sure. I really do not know what kind of policy was adopted.

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I wasn't conscious on joining the service that self-sufficiency in Factor VIII, for example, which was what it really came to mean, in practice -- I wasn't conscious that that was a major strategic decision -- or objective at that point.

- Q. So would it be right to understand that it's something which, after you became director, you consciously formulated a policy, which may or may not have existed to some extent previously, but you consciously formulated a policy of wanting to achieve self-sufficiency in relation to factor concentrates for Northern Ireland?
- A. Well, yes. I mean, as I mentioned, particularly when
 I spent time in Scotland, I became very conscious of
 this. I also, in discussion with Dr Mayne, the

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- Q. Is it correct -- this is certainly what your statement
 suggests -- that the Northern Ireland Blood
 Transfusion Service was receiving what you've
 described in your statement as a very small amount of
 Elstree Factor VIII from BPL?
- 6 A. Yes, yes. I think it was in the region of
 200,000 units of Factor VIII, which would only have
 represented somewhere between 10 and 20 per cent of
 the total. Again, I have no idea how that arrangement
 or when that arrangement was made. But obviously,
 it -- by I think it was '80, '81 we ceased receiving
 that small allocation.
- 13 Q. And your statement suggests that you were aware of 14 there being capacity issues at BPL. So you've 15 identified one problem, which was the transportation 16 problem in relation to shipping fresh frozen plasma 17 from Belfast to Elstree. But were there also -- was 18 it also your understanding that BPL might not have the 19 capacity to fractionate fresh frozen plasma supplied 20 by you?
- A. Yes, it was my original assumption that we would start investigating sending some fresh frozen plasma to BPL, as I think letters to Dr Lane illustrate.
 And I remember doing meeting -- I remember meeting with Dr Lane to discuss aspects of this.

Haemophilia Director, I was conscious that she was
 certainly also very supportive of going down this
 route, and when I put to her the notion of changing
 fractionators so we could start providing our own
 Factor VIII, she was supportive of that, very

6 supportive.

- Q. At the time you took over as director, in relation
 to BPL, is it right to understand that it was only
 time-expired plasma that you were supplying to BPL?
- A. That's right. That's right. It was only liquid 10 11 plasma, which could not be used to make Factor VIII. 12 And that seemed to be entirely because of logistical 13 difficulties of shipping plasma in the -- it had to be 14 maintained at a very low temperature. I'm not sure if 15 any -- how much effort was made to try to get around 16 that problem. It certainly would have been difficult. 17 So I don't know. But that was -- yes, sorry, to 18 answer your question, that's correct. It was only
- 20 Q. And the fresh --

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- 21 A. -- (overspeaking) --
- Q. Sorry, the fresh frozen plasma that was produced in
 Northern Ireland was not being produced at that stage
 for fractionation?

liquid plasma, time-expired plasma, if you like.

25 A. No, that was purely for hospital use.

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But then I did become aware that there seemed to be capacity issues. In fact there was something in the BMJ, published, which suggested that. And then I became aware that PFC may have spare capacity. So it made sense to investigate that.

At the same time, this issue seemed to have been discussed at the department level at one of those advisory committees in which that -- I'm not sure which came first, but this possibility of transferring was discussed quite early on at the department level as well as something that might -- transferring Northern Ireland's requirements from BPL to PFC.

Q. If we just look at one document before we break, Dr McClelland, and it's one of your letters to Dr Lane on this issue, CBLA0005101. So this is a letter from you, 25 September 1980, so it's not long after you were taken had taken over as director in June 1980:

"Dear Dr Lane,

"I am writing to inform you of my plans for the supply of plasma to BPL in the near future.

"As you will be aware we have been sending you approximately 7,000 litres of liquid plasma per year. We have not provided any fresh frozen plasma for Factor VIII production, but, in view of our special difficulties in Northern Ireland we have been

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(10) Pages 37 - 40

receiving some 240,000 iu Factor VIII per year.

"Following the recent proposals for the supply of Factor VIII and albumin to regions in amounts pro rata with their input of raw material, I have formulated plans for the transport of fresh frozen plasma to BPL. These plans were submitted for funding to our local Health Authority several months ago, but I am still awaiting final approval. Basically, I am planning to introduce RIA for hepatitis testing and to purchase a liquid nitrogen refrigerator for the transport of FFP. We could then commence supply of FFP as soon as the new single transport pack becomes available to us. I would estimate that initially we can send about two thirds of our present plasma supply in this form.

"I would welcome any comments, and in particular, it would be helpful if you could clarify a few points as follows:

"1. Is it envisaged that the special position of Northern Ireland with regard to the supply of Factor VIII concentrates would cease after 1st April, 1981?

"2. I was disturbed to read a recent letter in BMJ ... in which it is stated that BPL had not the capacity to handle extra plasma. Can you provide any

1 A. That's correct.

Q. We'll pick up after the break what then happened
 with PFC. I don't think we've got Dr Lane's reply to
 this but is it right to understand -- well, no. Can
 you recall, either -- whether it was through meeting
 or correspondence or some other format, what Dr Lane's
 response in broad terms was?

8 A. I can't. I don't know if there was a response to this
9 letter and, certainly, I know the supply of
10 Factor VIII did cease, certainly I can't remember
11 exactly when that happened, but it must have been -12 it says after 1 April 19 -- I think it probably did
13 happen at that time that the Factor VIII supply from
14 BPL did cease at that point.

MS RICHARDS: Sir, we can pick up the picture in relation
 to the PFC arrangements perhaps after the break.

SIR BRIAN LANGSTAFF: Yes. Well, we'll do that.

So we'll take a break now. We will come back at 11.50. Let me tell you what I say to all witnesses at this stage, if not before, in their evidence. When there's a break, you may not discuss with anyone anything that you have been asked about already, and anything you think you may yet be asked about in evidence. You can talk about anything else that you like.

reassurance on this point?"

Then over the page, the third point was about the availability of BPL's RIA reagents for hepatitis testing. I'll come back to hepatitis testing later, Dr McClelland.

If we go back to the first page, if we look at that second paragraph, what did you mean by "our special difficulties in Northern Ireland" in this context?

A. I assumed there had been some recognition that there were -- I think it would probably have been referring to the Troubles. It could also have been referring partly to the difficulty of transport of fresh frozen plasma. But I suspect it was mainly our, sort of, recognition that special provision should be made for Northern Ireland, in view of the pressure that the Transfusion Service was under to maintain a supply of blood and blood components.

Q. If we look at the paragraph numbered 1, towards the bottom of the page, "the special position of Northern Ireland with regard to the supply of Factor VIII concentrates", does that refer to the fact that, although you sent no fresh frozen plasma to BPL for fractionation, you did receive some BPL Factor VIII, albeit only a modest amount?

1 THE WITNESS: Thank you, sir.2 SIR BRIAN LANGSTAFF: 11.50.

3 (11.19 am)

(A short break)

5 (11.50 am)

6 SIR BRIAN LANGSTAFF: Yes?

7 MS RICHARDS: Dr McClelland, you referred to the -- one of
8 the advisory committees and the discussion of starting
9 this arrangement with the PFC. For the sake of
10 completeness we're just going to look at those
11 minutes.

CBLA0001287.

These are the minutes of a meeting of the Advisory Committee on the National Blood Transfusion Service, 23 February 1981.

If we just go a little further down so we can see the full list of attendees. We'll see that, as you observed, Dr McClelland, you were not present at this meeting, but the observers included Dr Lawson from the Department of Health and Social Services in Northern Ireland.

If we go to the second page, if we pick it up in paragraph 6, halfway down the page, there's a heading "Pro rata supply of blood products", and then paragraph 6 explains:

(11) Pages 41 - 44

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1 "The Chairman explained that the pro rata 2 distribution of certain blood products was due to 3 start from 1st April 1981 and Paper AC(81)3 set out 4 those issues on which the Department sought the 5 Committee's advice, particularly in relation to 6 supplies to special units." 7 Then there's a discussion of whether special 8 arrangements need to be made for various 9 organisations. But if we go to the next page, 10 paragraph 9, at the top of the page, it says: "On the question of 'other users', members 11 agreed that ..." 12 13 Then (d):

"The pro rata screen should apply to Northern Ireland. Dr Lawson explained that the Northern Ireland Blood Transfusion Service intended to send plasma (both time-expired and fresh-frozen) to the Protein Fractionation Centre, Edinburgh. This had been agreed by the Directors concerned."

So I think that's the -- those are the minutes that you may have been referring to in your evidence earlier this morning.

23 A. I think that's right.

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24 Q. Now if we then just pick matters up with your own 25 communications with Scotland on this issue,

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instance, receive no anti-D immunoglobulin."

Did the relationship between the Northern Ireland Blood Transfusion Service and SNBTS evolve in the way in which Dr Cash was hoping for? With you integrated into the organisation as an equal partner?

- I think so. Broadly, yes. Obviously we, as he says, with -- anything that had any policy that had an impact on the relationship with PFC would have required NIBTS to follow the policy in Scotland, but regarding other matters, well, it was really up to ourselves in Northern Ireland whether we would wish to follow the Scottish approach, the English approach, or our own approach.
- Q. Paragraph 2 observes:

"Strenuous efforts have been made by the SNBTS regions in the last 5 years to meet the concept of self-sufficiency ..."

Then Dr Cash refers to a table which I don't think I need trouble you with.

Then the bottom of the page says this, paragraph 3:

"There is no doubt that the most immediate and pressing problem is to get the NIBTS transferred to HBsAg RIA testing of all donations. Such a move would bring you into line with all plasma coming into PFC."

NIBS0001680.

This is a letter from Dr Cash to you, 11 March 1981. Thanks you for a letter of 4 March. Says:

"At least we've made a start.

"Now it seems to me that it might be helpful to you, with regard to interactions with colleagues in your Department of Health, if I made the following comments ..."

Then paragraph 1:

"The SNBTS Directors would prefer to see an evolution of the relationship with the NIBTS in which you were integrated, as far as possible, into our organisation as an equal partner. In terms of access to blood products from PFC, and indeed on any professional matters related to policy, etc. At this point I believe we should assume that this is what you wish to see emerge but we must all be aware that contrary views may exist in our respective Department of Healths, who may wish to operate a strict contractual (pro rata) arrangement for all products. Such an arrangement would have significant attractions to our administrative colleagues who have to deal with financial and political matters. Such an approach may be of some concern to yourself - you would, for

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What it was the issue, Dr McClelland, in relation to the hepatitis B surface antigen testing? A. At that point the method used by NIBTS for hepatitis B screening was the RPHA reverse passive haemagglutination method, which had been operation, I think, since about the mid-1970s, I think. The sensitivity level was somewhat lower than RIA, and I think advice was coming through from the -- I think from the fractionation perspective that -- from the expert advisers, that centres should be looking to change to the more sensitive technique.

I must say I personally welcomed this move, this -- if you like, call it a requirement by PFC, because I was very keen for us to go onto RIA in any case as our routine method. So we were able to take steps to put that in place.

It was not easy, because the existing method of hepatitis B screening was carried out in a very, very cramped, very small, cramped facility, which would have been totally inappropriate and impossible to use for a radioisotope-based method. So we had to identify -- fortunately, we did have one space -which was used for staff -- which had that potential, so ... but we did take a little bit of time to get that work carried out, so that we were able to look at

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(12) Pages 45 - 48

starting this RIA testing.
 Q. Now some months after

Q. Now some months after this, I think in around September 1981, there was a visit from the PFC to the premises of NIBTS. I'm not going to put up on screen the report of that visit, but for the transcript and if anyone wants to look at it, it's SCGV0000104_117.

What I will ask you to look at, Dr McClelland, is a letter that was written referring to that inspection in September 1981.

It's NIBS0001698.

This is a letter of 3 September 1981. It's from John Watt, scientific director of the PFC, to Dr Cash, and it was copied to you, and that's apparent from the end of the letter.

If we look at the first few paragraphs, it says:

"Dr Perry and I visited Belfast on 18 August to see the working arrangements of the transfusion centre and to discuss with Dr McClelland the detail necessary to get plasma to Scotland in good order and to return fractions to Northern Ireland.

"The actual mechanics of the transfer would be best handled by sending the PFC truck to Belfast on a routine monthly basis to collect plasma and deliver product."

Dr McClelland was any too well aware."

Just pausing there, was there anything in that paragraph and those observations that you disagreed with, Dr McClelland, or do you accept the accuracy of what was set out there?

- A. No, I would have agreed with that, I think.
- Q. Then the next paragraph says:

"We would require a reasonable commitment from Dr McClelland or his board that effort would be made to bring the centre to a position that would meet the need of PFC so far as the centre was a supplier of raw material for fractionation. No doubt the Medicines Inspectorate would hold the same view. However, it is recognised that this could not happen over-night whereas both Dr McClelland and the NIHD would wish transfer of plasma to PFC to start before the end of 1981."

Then the next paragraph refers to the facilities for hepatitis testing by RPHA and that equipment was awaited for the RIA testing.

The next paragraph explains that you were anxious to get a programme started with PFC. Then if we could just go to the bottom of the page, the last three paragraphs are a discussion about what quantities might be provided. The last paragraph says

Then the next paragraph says:

"The arrangements made in Belfast for collection and handling of [fresh frozen plasma] are basically sound but will require some modification in the area of quality control and Dr Perry is already in correspondence with Dr Bharucha (Deputy Director) on the main QA topics and plans to return to Belfast tomorrow, 4 September, to continue these discussions

Then there's a reference to the need for microbiological monitoring which is said to "create the greatest problems since there [was] no in-house facilities".

Then if we go over the page, top of the next page:

"Looking at the centre with an inspector's eye it was clear that Dr McClelland had problems getting access to adequate standard and sufficiently fast response so far as building and equipment maintenance was concerned, beyond those items in his own hand where contract maintenance of centrifuges, LAF cabinets etc were concerned. We were shown a modification in course of progress, to refit an area of the hepatitis testing but which would be only barely adequate when finished, a deficiency of which

this:

"The figures I have quoted are safe minima but I would expect on a 'best efforts' basis the PFC could do better than they suggest. Recent trends in recovery of Factor VIII, for example, would yield about 1.3 million IU or 6,000 dose units of 220 IU average content. Such a return might persuade Dr McClelland to move steadily away from cryo toward concentrate in time."

What did you understand or what, looking at it now, do you think was meant by that last sentence about persuading you to move steadily from cryo toward concentrate?

- A. I can't actually remember. It seemed to be felt by the Scots that we were producing a relatively large amount of cryo, although I wouldn't have thought that was all that apparent. So I'm not -- I don't fully understand that there would have been much potential to move any further away from cryo anyway. In any case, the amount of cryo would be -- would have been determined by clinical demand, by the hospitals, and we would expect to have to respond to that.
- Q. Then the letter continues over the page. I don't need to ask you to look at the detail of it. If I can just ask you to look at the last -- sorry, the previous

52 (13) Pages 49 - 52

page to that, Sully -- the last paragraph, the first sentence of the last paragraph:

"One area which concerns Northern Ireland is that of cost."

Is it right to understand, Dr McClelland, that that question of cost, what payments would be made, was dealt with at departmental level, so between the Department of Health and Social Services Northern Ireland and its Scottish counterparts, rather than being negotiated by you?

- A. Well, um, I know the financial arrangement that was worked out. That was on the basis of a charge being applied to each individual product. And, as far as I can recall, those charges were really set by PFC, presumably, based on their costs, on the costs of manufacturing them. I don't recall that there were any great negotiation on the actual cost. I think the unit price for the products was basically set by PFC.
- Q. If we then turn to one further document which is SCGV0000104_090, these are the notes of a meeting to discuss the supply of blood products to Northern Ireland and the date of the meeting is 26 August 1982. We can see that there are a number of representatives there from Scotland and Northern Ireland, including yourself. Then paragraph 1 explains that the:

"There was already a good exchange of information between the PFC and the Belfast Centre, which in Mr Watt's, view did not have the resources to tackle the implications of the Medicines Inspectorate report alone. Dr Lawson [who, as we have already seen, was from the Department of Heath and Social Services Northern Ireland] advised that the provision of a new BTS Centre in Belfast was in the very early stages of consideration, so clearly interim arrangements might well be required. It had been accepted, however, in Northern Ireland, as a matter of principle that steps would be required to improve the facilities of the Blood Transfusion Service, following the Medicines Inspectorate report."

Then paragraph 3 refers to the need for the Northern Ireland BTS to enter into a commitment in respect of certain professional matters. I'm not going to go through the detail of them but we can see subparagraph (d), "HBs-Ag Testing":

"It was noted that this matter had been resolved although the need for a UK reference lab for such testing was recognised."

So is it right to understand that by the date of this meeting, August 1982, you had changed from the RPHA method of testing to the RIA method of testing? "The purpose of the meeting was to discuss arrangements for the supply of blood products to Northern Ireland."

Paragraph 2 is headed "Progress Towards Resolution of Defects Noted in Report of Visit to Belfast in 1981", and it records:

"Mr Watts stated that it was clear that the Northern Ireland Blood Transfusion Service was also affected by the provisions of the Medicines Act, to which the Protein Fractionation Centre had already been heavily exposed. On his visits to Belfast, he had only been able to identify general defects although it was clear that much new building would be required. In addition, quality assurance procedures required to be formalised and validated although in this respect, the Belfast was in no worse a position than elsewhere in the UK. The PFC was already three years down this road."

Then there's a reference to anticipated visit to Belfast from the Medicines Inspector. Then it says:

"Dr Perry reported that problems which had earlier been identified in relation to hepatitis testing and testing of hyperimmune plasma had now been resolved."

If we go over the page, top of the next page:

1 A. That's correct.

Q. Then top of the next page, paragraph 4 refers to"Transport":

"... preferred option with regard to transportation of plasma and products between Belfast and Edinburgh was for [NIBTS] to supply a suitable vehicle to make one round trip per month from Belfast, with air transport being used as a fallback in case of disruption-off ferry services, etc."

Then there's then a reference to the financial arrangements and a reference to there having been preliminary discussions on financial arrangements -- not proposing to go through the detail of those -- and then paragraph 7 records Dr Cash's proposal that you would be invited to all meetings of the Scottish Transfusion Directors and their coordinating group and would be issued with appropriate papers.

Is it right to understand, Dr McClelland, from the note of this meeting, August 1982, that the arrangement with the PFC had not yet actually started? It was obviously well advanced by the time of this meeting, in terms of planning, but you hadn't yet begun supplying fresh frozen plasma to the PFC?

A. I think that's right, yes, that probably would have -- this was August --

(14) Pages 53 - 56

1 Q. 1982.

- A. -- 1982. I think that would have commenced shortly,
 and with a -- perhaps a couple of months later. I'm
 not 100 per cent sure of that.
- **Q.** Bearing in mind that we saw that advisory committee
 6 meeting from February 1981, which showed that there
 7 was agreement in principle that this should be the
 8 arrangement, it appears to have taken around
 9 18 months, or so, to actually put the arrangement into
 10 practice. Why did it take that long?
- A. A mixture of issues. In some, I would say administrative at the -- given the fact that there were two levels or three levels of administration involved with the Departments of Health, the Common Services Agency in the Eastern Board at the next level and then the blood transfusion centres. I remember there was a bit of frustration around delays at that level with the necessary communications taking place or not taking place.

And the other factor, of course, was at the operational level there was quite a lot of work. We talked about the radioimmunoassay and quite a lot of additional work, building work, to be carried out. That was certainly always going to take some time. Quite a lot of additional equipment. The snap

a position of being self-sufficient)."

Then you go on to say that the PFC position was a temporary problem, "plans to increase capacity are unlikely to materialise before early 1986".

Now if we leave aside any issue relating to plasma protein fraction, my question is really about that bit in brackets, where it says, "we have now reached a position of being self-sufficient". So this is May 1984. How should we understand your suggestion that in relation to Factor VIII, Northern Ireland was now self-sufficient?

A. Yes, um ... it often comes down to definition of what you mean by self-sufficiency. Certainly I think even by this stage we had reached the point where we were producing at least as much if not beyond the quantity -- sorry, when we set up the arrangement, there was a certain amount of Factor VIII usage, obviously, and I think we had certainly reached that level if not somewhat beyond that level. But I'm not sure, I'm a little bit -- in fact, a little bit surprised to see that, because I'm not sure that we -- we certainly were not using 100 per cent PFC Factor VIII at that point, because the total demand was starting to increase really quite rapidly.

Q. That leads to the next issue I wanted to explore with

1 freezing equipment had to be purchased and

2 commissioned. That would have taken -- you know, and

3 deciding what was the appropriate type of equipment.

Those are probability the main causes that come to mind.

Q. Then in terms of the mechanics of the arrangement, was
 it your understanding that plasma collected in
 Northern Ireland would be kept separate from or pooled
 with Scottish plasma at the PFC?

10 A. I think it -- my understanding was that it would be
11 pooled with the Scottish plasma.

12 Q. If we can then just look at NIBS0001719.

This was a letter from you to Professor Bridges, 22 May 1984. It appears the main topic of the letter was regarding plasma protein fraction, rather than the supply of fresh frozen plasma for the production of Factor VIII. But I just wanted to ask you about what's set out in the third paragraph. It says:

"... the PFC, Edinburgh have recently reached the limit of their capacity and is no longer able to fractionate all plasma received from Transfusion Centres in Scotland and Northern Ireland. This applies only to outdated plasma (all fresh frozen plasma is being fractionated in order to meet the demand for Factor VIII for which we have now reached

you, Dr McClelland, which is concerning the supply of
 concentrates to the Haemophilia Centre in Belfast.

3 SIR BRIAN LANGSTAFF: If we just stop there for the
4 moment, what you've just been asking Dr McClelland
5 about is the meaning of self-sufficient. It may be
6 that what you had meant to say was that -7 theoretically self-sufficient, because if you read the
8 last two sentences of that paragraph, you say:

"... for the next year or two we will be receiving no more than 85% of our full entitlement ... If all plasma supply from here was being fractionated we could in fact have met the demand in full."

In other words, you can't meet the demand in full because you're not getting 100 per cent back. Is that how it should be read?

A. Um, I think this is referring to protein -- plasma
 protein fraction, or albumin, if you like --

18 SIR BRIAN LANGSTAFF: I see.

A. -- where they have -- where there seemed to be
a temporary pause in manufacture. Obviously priority
was given to Factor VIII production, but ... Yes,
I remember there was a pause. Also I think it may
have been related to staffing issues at PFC but I
can't remember exactly.

SIR BRIAN LANGSTAFF: Yes. I had thought that perhaps the

(15) Pages 57 - 60

- last paragraph of the -- or the next paragraph that
 follows, it was talking about PPF, whereas this
 particular couple of sentences followed on from the
 reference to Factor VIII and self-sufficiency. But
 I don't know, it's obviously some time since you've
 read this letter.
- 7 A. Yes.

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MS RICHARDS: Dr McClelland, more broadly, can I then
 explore with you the arrangements for the supply of
 concentrates to the Haemophilia Centre in Belfast.

Before I ask you specifically about the arrangements with Dr Mayne, were there other hospitals in Northern Ireland that you supplied with either cryoprecipitate or factor concentrate?

- A. As far as cryoprecipitate was concerned, we may have -- I think we supplied some hospitals with a small amount of cryoprecipitate. As far as I remember, I'm pretty sure that all Factor VIII concentrate would have been issued from the Haemophilia Centre to those other hospitals.
- Q. So first of all in relation to the small amount of
 Elstree BPL factor concentrates that you -- or that
 the Service was receiving prior to the arrangement
 with PFC, that was, as I understand it, received by
 the Northern Ireland Blood Transfusion Service, was

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- 1 Centre rather than by you?
- 2 A. That's correct.
- Q. Is it also right, however, that the cost of the
 commercial concentrates was a cost that essentially
 came out of the Blood Transfusion Service's budget?
 - came out of the Blood Transfusion Service's budget? A. Yes, I think, from 1985, new financial arrangements were established so that -- I mean, I was quite --I think it was myself who had proposed it actually, that in order -- it was becoming -- or it was becoming complicated to estimate the demand, because when we started off this arrangement with PFC, hospitals -this really applies to the products like albumin -purchased their own -- they received product from NIBTS but any shortfall was made up by purchasing from commercial providers. It was difficult for us to know what the demand was at any one time. And I had proposed that the arrangement be centralised at NIBTS, so that we knew what -- exactly what our targets were going to be. And that applied to Factor VIII and coagulation concentrates as well, in the sense that the budgets sat with NIBTS/Eastern Board, who really held the budget, but the actual arrangements for ordering, procuring the product, and decisions about

- 1 it, and then supplied by you to Dr Mayne?
- 2 A. Yes.
- 3 Q. Or did BPL send -- that was the route?
- 4 A. Yes.

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- 5 Q. Then once the arrangement with the Protein
- 6 Fractionation Centre was up and running, was it the
- 7 same position, that you received the Factor VIII
- 8 concentrate from the PFC and you then supplied it to 9 Dr Mayne?
- 10 A. Yes. That's correct.
- 11 Q. Now we know from other evidence the Inquiry has
- 12 received but also from your own evidence, that
- 13 a significant amount of commercial Factor VIII
- 14 concentrates were used by the Haemophilia Centre in
- 15 Belfast. Were those supplied via the Blood
- 16 Transfusion Service or were they procured directly by
 - the Haemophilia Centre, as far as you can recall?
- 18 A. The latter. They were procured by the Haemophilia
- 19 Centre and supplied to the Haemophilia Centre direct.
- Q. So you had no direct involvement in the arrangementsto obtain commercial concentrates?
- 22 **A.** That's correct, no, we didn't. We had no involvement in that.
- 24 Q. Does it follow that the choice of which commercial
- 25 concentrates was a choice made by the Haemophilia

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- 1 sat on the NIBTS but it had meant at any one time we
- 2 were informed about actual usage of Factor VIII.
- 3 Commercial and NHS.
- 4 Q. The Inquiry has heard evidence that some Regional
- 5 Transfusion Centres themselves held commercial
 - concentrates and then supplied them to the relevant
- 7 Haemophilia Centre. Did you ever discuss with
- 8 Dr Mayne or anybody else changing to a system whereby
- 9 the commercial concentrates were ordered by and held
- 10 by you?

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- 11 A. No, I don't think so. I don't recall doing that.
- 12 I think I would have recognised that in this
- 13 specialised area of blood product treatment, the
- 14 Haemophilia Centres were the experts. They were in
- possession of all the information and, it would have
- seemed to me, were in the best position to make those
- 17 decisions.
- 18 Q. If we have a look at NIBS0001714, this is a letter
 19 from Dr Cash to Dr Mayne dated 5 January 1984, and he
 20 says in the first paragraph:

"Through colleagues here at our Protein Fractionation Centre I have discovered that there has been a fairly substantial movement of commercial factor VIII purchased in Edinburgh (we think) and shipped to you in exchange for the PFC material you

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which product, was made by the Haemophilia Centre, is

it meant that we were -- because -- it was funded or

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have received via Morris McClelland.

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"Am I right? If so, could you illuminate? On the face of it this development looks a little worrying -- AIDS -- etc -- and I am anxious to help as much as possible."

Then we can see this letter was copied to you.

Do you recall whether you had been, prior to receiving this letter from Dr Cash, aware of this arrangement?

- Α. No, I wasn't aware of the arrangement before it happened. I'm not sure if this was the first time -this letter was the first time I was aware, I think it may well have been. No, I wasn't aware in advance of the arrangement.
- 15 Q. Had you been aware of it, would you have been 16 concerned? Because it might be said to be undermining 17 the work that was being done to achieve 18 self-sufficiency for Northern Ireland in factor 19 concentrates?
- 20 A. Yes, somewhat concerned. I mean, I understood 21 the rationale, I think, behind the arrangement. But 22 I would have thought this was the kind of thing that 23 probably should have been approved at sort of higher 24 administrative level in advance, as the, I think the 25 Chief Medical Officer from Northern Ireland -- maybe

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example, if a major operative procedure, which might require huge amounts of Factor VIII, the appropriate product to use for that situation.

So in general, yes, I would have had discussions in general terms, but I wouldn't have seen that it was appropriate for -- that I could really influence such change in prescribing patterns.

Q. If we just look at BHCT0000501, please. This is a memorandum from the Eastern Health and Social Services Board, 25 October 1984, supply of blood products. It says:

"It has been agreed that with effect from 1st December 1984, all of the blood products as identified on the attached schedule must be obtained from the [Northern Ireland] Blood Transfusion Service and none should be purchased or obtained by a UMG directly. Local arrangements should be negotiated with Dr McClelland, Director, Blood Transfusion Service."

Now, unfortunately, we don't have the attached schedule so we don't have the list of blood products to which this arrangement was intended to apply. As far as you can recall, in relation to the purchase of commercial factor concentrates, did that fall within this arrangement so that it was now to be obtained

not, I can't remember if it was in relation to this 2 arrangement or a future one -- spelled that out. This 3 kind of arrangement should really have been approved 4 in advance at a higher level, a higher administrative 5 level.

- 6 Q. Now, the Inquiry knows from other material, including 7 documents authored by Dr Mayne at the time, that, 8 until the end of 1984, virtually all of the treatment 9 used at the Haemophilia Centre was commercial 10 concentrates. Those are her own words, the reference 11 for the transcript is BHCT0000503. Do you recall ever 12 having any discussions with Dr Mayne about her use of 13 commercial concentrates, trying to discourage the use 14 of them at all?
- A. Yes, regular discussions. I mean, I had a session, 15 16 regular weekly session, in the Royal Hospital, 17 clinical haematology session. So I once -- in a way, 18 Dr Mayne was a colleague because I was visiting the 19 Royal on a weekly basis, sometimes twice weekly basis. 20 So I was in discussion with Dr Mayne on a very regular 21 basis. But I would have accepted that she was the 22 expert on this area for a number of factors that had to be taken into account in -- at any one time in 23 24 deciding about which product to use at a certain 25 length -- at a certain point in time, and, for

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1 through you, or did it continue to be the position 2 that Dr Mayne obtained those directly herself? 3

A. Reading this letter, this memo, it's a very general --4 it's a very general update on the new arrangements 5 from one manager to the managers of the -- of all 6 other hospitals in Northern Ireland. It doesn't 7 really get into the special arrangement in relation to 8 the Haemophilia Centre, that's not really dealt with 9 in this letter. It would be more relevant to 10 arrangements in respect of other products like albumin 11 and immunoglobulin, where this arrangement, this new 12 arrangement would apply as -- exactly as set out here.

13 Obviously, there is the special arrangement with 14 respect to the Haemophilia Centre which is not really

15 dealt with in this memo.

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16 Q. If we look at HRSC0000066 024, this is a rather later 17 document, this is dated February 1989, from the 18 Board's Treasurer's department, and it's "Blood 19 Transfusion Service Financial Position on Baseline 20 Funding". If we go over the page there's a broad 21 description including of the arrangements with the 22 Protein Fractionation Centre.

> Sorry, can we see the whole page, Sully? You'll see there, we don't need to zoom in on any particular paragraph, but we've got the heading

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68 (17) Pages 65 - 68

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"Blood Products", "From the Protein Fractionation Centre, Edinburgh" is paragraph 1. Paragraph 2: "Commercial blood products required in place of

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or as a supplement to PFCE supplies."

Then it says, this is the bottom of the page:

"These commercially produced blood products which were acquired either in preference to PFCE products or as a top up for limited PFCE supplies, were purchased centrally for the Northern Ireland Region by the Blood Transfusion Service with effect from 1 January 1985 and these too [and then the top of the next page] charged to other Boards on an actual cost basis."

Then before I ask you about it, if we just read paragraph 3:

"Supplies to the Haemophilia Centre, Royal Victoria Hospital", it says:

"All clothing agents (Factor VIII, Factor IX, etc), are managed exclusively in the Haemophilia Centre, Royal Victoria Hospital, under Dr Mayne the Centre Director. All supplies of clotting agents whether obtained from PFCE and through ed through the Northern Ireland Blood Transfusion Service or obtained directly from commercial sources, eg Profilate, Hyate, Feiba, Autoplex, must be delivered directly to the

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1 A. That is correct, yeah.

Q. If we go to the bottom of the previous page, so where those last four lines say, "These commercially produced blood products" and we can see that they included albumin, immunoglobulin and clotting agencies, "were purchased centrally for the Northern Ireland region by the Blood Transfusion Service with effect from 1 January 1985", is that talking about it from a budgetary position then?

A. Yes. Yes, that's correct. The -- it is purely from a budget -- as far as clotting agents, certainly Factor VIII and all clotting agents is concerned, um, it is really only the financial arrangements that are referred to here, the funding being centralised at the NIBTS, but not the actual procurement.

It did have the effect that, as the cost of clotting agents, Factor VIII, et cetera, had climbed quite rapidly during the 1980s, and the cost escalating, that it was showing up as a major -- as an overspend on the NIBTS budget, which I found myself having to explain to various people within the bureaucracy, Department of Health, et cetera, who maybe didn't understand fully how the system worked. But yes, that was the ...

The finance people were keen to maintain this

Haemophilia Centre.

"Mr Carville, the senior chief MLSO in the Blood Bank, [Royal Victoria Hospital], under the direction of Dr Mayne, is responsible for the ordering and control of all clotting agent supplies.

"As the Haemophilia Centre is solely responsible for the provision and management of all clotting agents, all supplies required either or EHSSB patients or for patients admitted to hospitals outside the Eastern Board are issued in respect only of named patients under Mr Carville's control."

Then if we skip over a paragraph, the paragraph in bold says:

"The Northern Ireland Blood Transfusion Service bears the cost of all clotting agents issued from the Haemophilia Centre in respect of supplies provided for patients in hospitals outside the Eastern Board and for home use at non EHSSB addresses."

So that paragraph would appear to suggest that the ordering of the commercial concentrates continued to be the responsibility of the Haemophilia Centre rather than the Blood Transfusion Service.

23 A. That's right.

Q. That's your understanding of the practicalarrangement?

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1 position. I had some reservations about having to 2 account for something over which I had no control. 3 But the finance people were keen to maintain this 4 centralised arrangement. I think because they felt 5 they were in a better position to understand exactly 6 what was going on, rather than having to rely on 7 getting information back from the hospital as well as 8 BTS. You know, it's relying on different sources of 9 information. At least they were -- in terms of 10 planning, financial planning, they were in a position 11 to know what was happening.

12 Q. Okay. We can take that down. Thank you.

13 A. I don't know if that answers your question.

14 Q. Do you recall any of the other bodies or agencies
15 involved, whether it was the Eastern Board itself or
16 the Northern Ireland Department of Health or the Chief
17 Medical Officer, any of those bodies getting involved
18 with this issue of whether too much was being used by
19 way of commercial concentrate at the Haemophilia
20 Centre?

20 Centre?21 A. Sorry, Ms Richards, I seemed to lose a bit of that.

Would you mind repeating?

23 Q. Of course.

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On the issue of whether too many commercial concentrates were being used by the Haemophilia

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(18) Pages 69 - 72

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machines.

- Centre, do you recall whether the Eastern Board or the
 Northern Ireland Department of Health or the Chief
 Medical Officer for Northern Ireland became involved
 with that question? Or expressed any concern about
 it?
 - A. Yes, as I recall, it was a continuing concern, which was -- you referred earlier to those coordinating meetings at the Eastern Board, annual meetings, at which this matter was discussed. That was a big concern.

Having said that, I think my understanding always was in relation to the cost of these products, whereas the Department and the Eastern Board were very concerned about the cost and they wanted to have as much advance warning as possible about the likely future cost. I was never aware that any real form of cash limit was placed. I think in this area, in other words, it seemed to be accepted that this was an inevitable expenditure. I mean, I was aware that in -- as far as I understood Haemophilia Centres in England and Scotland, there probably was a budget for this to cover blood products, so there were cash limits applied, but I don't think that ever did apply in Northern Ireland.

Q. And do you have any recollection of how Dr Mayne

for special reagents, in other words either donors or antenatal patients who were identified as having a particularly valuable antibody, and were asked to donate their blood or their plasma, most efficient way was to donate the plasma. That -- it would really have been for the production of blood grouping, special blood grouping reagent, not standard ABO blood grouping reagents but particular antibodies.

Then, when the arrangements with PFC started up, there was, as referred to in your correspondence there, the establishment of an anti-D programme. And that was set up at '82, '83. That involved the immunisation of -- the recruitment and immunisation of donors to produce this antibody. And the method used at that time -- this was relatively small number -- there were relatively small numbers of people involved. Very -- quite a time consuming process involved and a number of -- many visits, different visits of the donor before they were even in a position to start donating. So it was a time consuming process for donor and staff. And the numbers going through actually donating plasma was quite small. So manual plasmapheresis was the method

Then at that point in any case the machines

responded when issues relating to the use of commercial concentrates were raised with her?

A. Yes, I remember some very detailed letters responding,
 really, to requests from the Board and the Department,
 particularly the Eastern Board, regarding the causes
 of this major expenditure. And to the point of
 setting out in detail for individual patients -- not
 by name, maybe, but the reasons why so much material
 was being required for certain situations.

There seemed to be quite a high level of inhibitor patients, and -- which used a huge amount of material, not just, of course, Factor VIII, but also other products which were not available, were not human derived, even, but were extremely costly.

15 Q. Can I move, then, to ask you a little bitplasmapheresis.

So as I understand your evidence in your statement and from the documents you've referred to, in the 1970s there was the occasional use of manual plasmapheresis. But the extent to which you could develop any broader program of plasmapheresis was limited by the Transfusion Service's facilities; is that right?

A. Yes. I mean, I think the plasmapheresis in the '70swould only have applied to the collection of plasma

available were not completely regarded as safe. I think it would be fair to say, to use outside of a hospital setting. But that changed with the --especially with the development of the Haemonetics machines, which were -- became available in the mid-eighties, and were designed to collect routine --sort of routine plasma collections, and led to many centres, including our own, starting to collect just routine plasma. So it was no longer -- in addition to these special plasmas, anti-D and other hyperimmune plasmas, we were now starting to use these new

That -- there was a -- sorry, there was a working party that set up a code of practice for the use of these, and this really meant that it -- the way was now clear for centres like ourselves, that were not in a hospital setting, to very safely use this process to collect more plasma.

Q. So is it correct to understand, from your evidence,
that one of the limiting factors which meant you
couldn't use machine plasmapheresis more widely any
earlier was the fact that you were not located as part
of a hospital, but were this separate and discrete
building in Durham Street?

A. Well, no, I think from the point of view of quantity,

(19) Pages 73 - 76

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once we were up and running, the main -- the major limiting factor was the size of the facility. We would not have been in a position at Durham Street to utilise more than three -- I think it was maximum of three machines. So that limited us in the amount of plasma that could be collected in that way.

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Q. So if we pick it up from your statement, Dr McClelland, WITN0892001, page 23. Sorry, page 23.

So we can see you set out -- in the first main paragraph of your answer on that page, you refer to the specific anti-D programme established with PFC. And then towards the bottom of the page you say:

"With the early apheresis machines, it was a requirement that their use had to be restricted to a hospital setting where resuscitation facilities were available. This continued to be the case into the 1980s. The NIBTS centre (HQ) was not based in a hospital at that time. With the availability of a new generation of machines, this requirement no longer applied."

Then if we go over the page, if we pick it up at the bottom half of the page, you say under subparagraph d):

"The plasmapheresis programme augmented supplies of plasma (and later platelet concentrate). By the

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it was a better product and a safer product, to provide single donor apheresis platelets, as opposed to a pool of four to six units of platelets. But it had always been a mixture.

At this point we had actually come to rely on apheresis platelets to actually meet the demand. So that was encroaching -- that was a factor that came into play when looking at the "any further enhancement of plasmapheresis". Not only the facility, not only the space, even in the new facility now, but also the donor pool, because you were -- you were really tapping into the same very, very -- we're talking here about very enthusiastic donors who are prepared to give so much of their time to donate plasma or platelets. So we are looking at the -- a similar pool of donors.

So yes, in my opinion platelet pheresis is something that had to be considered alongside the plasmapheresis programme.

Q. Then a second strategy I wanted to ask you about briefly, in relation to working towards achieving self-sufficiency, was the use of red cell concentrates. We can pick that up I think, from your statement.

> Can we go to page 27, please, Sully. 79

early 1990s, NIBTS was collecting over 3000 plasma donations per annum. This was the maximum throughput that could have been achieved in the (old NIBTS) building and represented about 10% of total FFP being sent to PFC."

So, just pausing there, it's the limitations of the building that, essentially, imposed a cap, did it, on the amount that could be collected by way of plasmapheresis?

A. Sorry, I'm just -- yes, I'm just reading your -- yes, 10 11 it was. That's correct.

12 Q. Then we see -- you continue that:

> "When [the service] relocated to the new, purpose-designed centre (1995), donation facilities were enhanced allowing more apheresis procedures."

But you've explained that's the point at which priority had shifted to platelet concentrate.

18 A. Yes.

19 Q. So --

20 A. Yes, it had. Yes, indeed, the demand for platelet had 21 increased very rapidly throughout the '80s, and 22 continuing into the '90s, and it was also desirable 23 that, if at all possible, to single donor platelets, 24 we'd talked about limiting pool size. This also 25 applied to platelet concentrates. If at all possible,

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1 So you were asked at question 32: 2

"What steps, if any, did the NIBTS take to persuade hospital clinicians to use less whole blood and more red cell concentrates ..."

You responded:

"Education of clinical users of blood/red cells and persuasion towards the use of red cell concentrates instead of whole blood was a key part of the strategy towards achieving self-sufficiency. Without this, the programme referred to above could not have been as successful. The most effective route of influence was via staff in charge of hospital blood banks (haematologists and laboratory staff). Dr Bharucha and I took every opportunity to influence these staff who, in turn, were in a position to influence the clinical users of blood in each speciality."

Now, what was the response to your efforts and the efforts of Dr Bharucha to try to persuade the staff in charge of the hospital blood banks to use more in terms of red cell concentrates?

22 A. I think the response was very positive in many ways. 23 I would even go so far as to say it was more positive 24 than I expected. One heard from experience of other 25 parts of the country that resistance -- if there was

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(20) Pages 77 - 80

resistance to the use of red cell concentrates in certain clinical situations. I think we found that, actually, in persuading clinicians that, for certain clinical situations, there was no benefit in using whole blood, as opposed to red cell concentrates. That seemed to be accepted quite well, and we were -- I think the figures show, really, that we were able to move quite rapidly to a much higher proportion of red cell concentrates than we started with in the early '80s.

Obviously, a big help -- a big benefit was the available -- which became available, I think, at '86/87, the availability of optimal additive solutions, which we adopted quite quickly, I think. We were one of the early centres to adopt this method. I think it's been explained by other people to the Inquiry how that works, but it basically enabled us to harvest more plasma, I think about 60, 70ml more plasma than one could without optimal additive solutions.

This meant that because the problem of viscosity, which certainly did apply -- Dr McClelland in Edinburgh I think referred to this -- the problem of viscosity in certain clinical situations, which would have been a problem, no longer was a problem

Sir, I note the time, and I'm going to move to
a separate topic. So perhaps time for lunch.

SIR BRIAN LANGSTAFF: Yes. Well, in which case we'll take
a break now until 2.00, and come back then. 2.00.

(1.00 pm)

(The Luncheon Adjournment)

(2.00 pm)

MS RICHARDS: Dr McClelland, I'm going to ask you a little about hepatitis now. I'm going to start with an article at WITN3082021.

This is an article in the Ulster Medical Journal, "Hepatitis B Virus Infection in Northern Ireland 1970-1987", and we can see you are a co-author of this article. Then if we look at the summary:

"In the 18 years between 1970 and 1987, 504 patients were found to have hepatitis B surface antigen ... in their blood. Acute hepatitis was present in 184 patients and six died ... The annual incidence of acute hepatitis B virus infection in Northern Ireland was about one quarter that of England and Wales. A decrease in acute infection occurred in 1986-87, while in England and Wales acute infection has fallen by more than half since the peak in 1984. Hepatitis B virus infection in healthcare staff and patients in high risk groups were reviewed: 32% were

because with optimal additive solutions the viscositywas equivalent to that of whole blood.

3 Q. And --

4 A. And -- sorry.

Q. -- the optimal additive solutions, that is the
 addition of SAG-M, as some other witnesses have
 referred to it?

8 A. That's correct.

Q. Prior to that becoming used in the Northern Ireland
 service in, as you say, around 1986, 1987, were
 your -- the clinical users still fairly resistant to
 the use or increasing use of red cell concentrates?
 Did the SAG-M availability represent a sea change in
 their attitude or was it more gradual?

A. Oh, I think it was already -- I think we had already got to something like 75-80 per cent concentrated red cells even before we introduced SAG-M. So that's why I say the -- the response was actually quite positive. I think by '86 we had gone from something like 20 per cent to 75-80 per cent concentrated red cells, in the space of about three years, or three or four years. That may sound quite a lot, but there was -- compared to many -- I think, the experience of

5 MS RICHARDS: Thank you.

many centres, that was pretty quick.

in those of foreign origin who had known foreign contacts. In blood donors there was a marked fall in incidence of hepatitis B surface antigen carriage from 1982 onwards ..."

Now, I'll come back to that 1982 date in a moment, but if we can go over the page and look at the third paragraph, this gives us the dates of the various tests that were in use in the Transfusion Service:

"The Northern Ireland Blood Transfusion Service began routine screening of all blood donors in 1972 using the immunoelectro-osmophoresis test. The RPHA test was introduced in 1975 and the radioimmunoassay test (Blood Products Laboratory, Elstree) in 1982.

An ELISA test ... used [since] July 1987."

And then we can see, if we go to page 4, please, halfway down the page there's a heading "Blood and blood products transmission", and then we have:

"Haemophiliacs: Acute infections occurred in 11 patients between 1972 and 1982 after receiving blood transfusions, cryoprecipitate or factor VIII, and one patient died aged 51 years."

Then the next paragraph:

"Multiple transfusions: Acute infections took place in 1970 and 1980 in eight patients who had

(21) Pages 81 - 84

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1 received multiple transfusions after surgery."

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So looking at that overall, it's right, I think, to understand, as the Inquiry has seen elsewhere, that screening for hepatitis B surface antigen did not eliminate entirely the transmission of hepatitis B.

- 6 A. Yes, yes. That would be right. The early tests, of 7 course, were relatively insensitive, especially the 8 first one that was used. There was quite a big leap 9 in sensitivity with the RPHA test, and then a further improvement, although I'm not -- with the RIA test, 10 11 I don't think in practice there was -- there were 12 many, if any, detected. I don't think we detected any 13 donors who would not have been detected by the RPHA, 14 but I'm not completely sure of that.
- Q. Can you assist us with understanding why the RIA, the 15 16 improved sensitivity test, was not introduced until 17 sometime in 1982? Why not earlier?
- 18 A. As I mentioned earlier about the facility, it was a very, very cramped, very small laboratory that was in use, and it would have been totally unsuitable for use of radioisotopes, so I don't know whether it was seriously considered by my predecessor. I -obviously with the -- I would have been -- I was keen to introduce it and the link with PFC gave us the opportunity to really -- it provided us with a bit of

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consequences? 1

- 2 As far as I recall, the TTV study is the one I keep --3 would keep coming back to, because it was the most --I felt it was the most important study. As far as 4 5 I recall, the follow-up, I think there were interim 6 reports from time to time during that study, and 7 I think, as I recall it, they were beginning to show 8 evidence, some evidence of chronic liver disease 9 appearing. And initially it looked like it was mostly 10 mild chronic persistent hepatitis, but, as I recall 11 it, it was beginning to -- those studies were 12 beginning to show some evidence of more serious 13 chronic liver disease.
- Q. Do you recall whether you read or were aware of work 14 15 being undertaken by Professor Preston and others in 16 Sheffield which looked at the position in relation to 17 a number of haemophilia patients?
- 18 A. Yes, I was very aware of that when it appeared, when 19 it was published -- when that work was published, yes. 20 Yes, obviously I didn't have any -- sorry, 21 I did -- obviously I didn't provide any information 22 about the real risk in the UK because that would have 23 been reflecting the use of possibly imported products.
- If we just go to your statement, WITN0892001. And go 24 25 to page 67, please.

leverage in order to get it up and running reasonably 2 quickly.

3 Q. Can I turn to non-A, non-B hepatitis.

> We can take that down. Thank you. When you took up your post as deputy director

6 in 1978 and then as director in 1980, doing the best 7 you can, what was your understanding of

8 non-A, non-B hepatitis at that time?

9 A. I was certainly well aware of it when I took up post 10 in '78 just from reading and reading the literature. 11 I had read about the -- particularly the TTV study in 12 the United States, and in many ways I thought it 13 was -- I looked upon it for many years throughout the 14 80s as the biggest single issue or single biggest 15 problem left for Blood Transfusion Services to solve. 16 Obviously that changed with HIV, but, you know, I was 17 very interested in it, and followed the literature

- 19 **Q**. You've referred in your statement to there having been 20 a dearth of good quality research in the UK as to the 21 extent of non-A, non-B hepatitis in the UK.
- 22 A. Yes.

very closely.

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Q. What was your understanding of the potential 23 24 seriousness of non-A, non-B hepatitis in 1978, 1980? 25 Did you understand it could have serious long-term

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1 If we look at the second main paragraph on this 2 page, and pick it up at the end of the second line --3 or, sorry, in the third line, you say:

> "... there was an educational issue among some clinicians about the importance of reporting, and in some cases even about the existence of [non-A, non-B] hepatitis. Hospital blood bank and haematology staff were well aware of this, but not necessarily other users of blood and blood components. Every opportunity was taken to educate clinical staff about this and also through publications ..."

I'm going to come on shortly to the question of reporting and the publication, I think, that's referred to there. But the educational issue amongst some clinicians, even about the existence of non-A, non-B hepatitis, can you recall or can you tell us more about what the basis is for that statement?

18 A. Just comments at meetings. I can recall speaking to 19 groups, including senior clinicians, some of whom 20 seemed to be -- sort of seemed to assume that the 21 problem of post-transfusion hepatitis had gone, and 22 seemed slightly, in some cases, a little bit sceptical 23 about whether this was really an issue -- that this 24 was really an issue for clinical practice at all.

25 I do recall that in some cases.

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(22) Pages 85 - 88

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Q. I'm going to ask you to look next at a document which 2 set out the process for investigating Transfusion Associated Hepatitis. It's WITN0892004. It's 3 4 a document authored by Dr Bharucha, November 1983, and 5 it's described as: 6

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"A summary of present practices with respect of recognition and investigation of Transfusion Associated Hepatitis in Northern Ireland."

Then under the heading "Recognition of TAH":

"Jaundice in a patient who has previously received blood and/or blood products is reported to the NIBTS either by the clinical staff or the hospital laboratory. District hospitals are actively encouraged to report all [cases] of TAH/transaminitis. However, we recognise that a significant number of patients with milder clinical attacks are seen by the General Practitioner. Reports from GPs are seldom received."

Then the investigation process is then set out. 2.a, it says:

"A summary of PID, blood/blood products transfused together with dates, serial numbers of units and reason for transfusion, clinical and laboratory data on patient are obtained.

"b. Clinical staff in-charge of the patient are

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Q. And what was it that had prompted you to decide to start the practice of storage?

A. I can't remember exactly. I do remember it being discussed in Scotland at one of their meetings, and being impressed and -- by the reasons that -- you know, well, obviously one of reasons is as set out here, for the investigation of post-transfusion hepatitis, to help you do that. Also -- and new tests came along, to go back at the old -- and look at the old -- repeat the samples done by the old test. There were a number of potential advantages. So yes, I think very quickly I think Edinburgh started to do this around the same time, or if not before. And I was very impressed by the, you know, potential benefits of doing this.

16 Q. And so we can see from subparagraph c:

17 "Tests for anti-HBc and ALT [would be] performed 18 on the stored sample."

A. Yes. 19

> Q. Then d tells us that next time the donor comes, a sample is taken, and:

> > "In addition to routine HBsAg, tests for anti-HBc and anti-HBs are performed on the sample obtained on this occasion.

> > > "e. The unit of blood collected from such a

advised to send serum to the PHL for hepatitis A and B markers, EBV and CMV.

"c. Since November 1982, donor serum samples are stored at -20°C in the NIBTS for a period of 1 year. Tests for anti-HBc and ALT are performed on the implicated stored samples."

Just pausing there, it would appear that the decision to store serum samples was, at the date of this document, a relatively recent one, November 1982. What had led you to decide to start storing serum samples from donors, and why for only a year?

A. Well, actually it says a year. I'm not sure when this was -- when this document was written. But in fact we ended up maintaining stored samples for much longer than that. Many years. I mean, as far as I recall, we were still storing samples that -- seven, eight years down the line. In fact, the main problem then we encountered was finding that in some cases the oldest ones were no longer in proper condition, they'd dried out and would no longer have been suitable for testing, unfortunately.

> But no, we definitely held sample -- it may be that in the first instance, when we decided to do this, that it was only going to be for a year but it was much -- it was much longer than that.

> > 90

1 donor is not issued for transfusion until all of the 2 tests are completed."

What was the thinking behind the tests for anti-HBc and ALT? Was that on the basis that they may be an indication of non-A, non-B hepatitis?

6 A. Either non-A, non-B or B, indeed, hepatitis B. 7 Especially for anti-core, might have been an 8 indication of a very low level of hepatitis B, that 9 was missed by the existing screening tests. And the 10 anti-HBs would be done and -- with that, alongside that to interpret the result. ALT, again, could be 11 12 non-A, non-B, or hepatitis B possibly, particularly 13 non-A, non-B.

Q. Then if we go to the bottom of the page, under the 14 15 heading 3, "Action taken", it says:

> "If ALT levels in the donor are repeatedly within the normal range and no Hepatitis B markers are detected, the donor is retained on the panel and treated as normal."

Just pausing there, what was -- the reference to "repeatedly within the normal range", how many tests would be regarded as being repeatedly within the normal range? Is that a reference to testing the stored sample and then --

Mm, I really can't remember how many times we would

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92 (23) Pages 89 - 92

have repeated the test. It would probably be influenced -- dealt with, I imagine, on an individual basis, for example depending on how strongly the implication was. Some of these -- many of these cases, yeah, where there were, either the recipient --it may have been rather dubious as to whether it really was transfusion hepatitis or multiple donors were involved, perhaps -- you know, a very large number of donors were involved, that might influence the decision about reinstating the donor. In other words a judgment would be made on the basis of various factors, not just a fixed number of, as noted there. Q. And then just to complete it, b says:

"If an 'implicated' donor is noted to have repeated elevation of ALT in the absence of Hepatitis B markers, his/her GP is notified for further follow-up. Blood and/or blood products from such donors are not used for transfusion."

So that was the procedure at the Northern Ireland Blood Transfusion Service.

If a possible case of transfusion-associated hepatitis was notified to you, would you be notifying the PFC or SNBTS in relation to that? If the donation was potentially -- or if the implicated donor was someone whose donations had been used as part of the

Can you recall. Dr McClelland, whether that upward trajectory in reports, whether that continued? Did you continue to receive a greater number of cases? A. I suspect perhaps not. I know my colleague Dr Bharucha did publish a report again, just in the Ulster Medical Journal, on the non-A, non-B in Northern Ireland. I don't think that showed very many cases at all. So I am not sure, but I suspect not. I don't think there was actually even as big an increase as I seem to be anticipating here.

Q. Well, if we just look at Dr Bharucha's 1985 article - sorry, it was accepted for publication 1985, published
 1986.

WITN0892005.

"Summary

So, "Post-transfusion hepatitis: a problem in Northern Ireland?"

You'll see, Dr McClelland, it says: "Accepted 8 October 1985.

"A retrospective analysis of post-transfusion hepatitis reported to us from 1980 through 1984 revealed 16 patients. We believe that this apparently low incidence is due to lack of notification and make a case for direct notification to us of any suspected cases. Disqualification of implicated blood donors is

1 process of sending plasma for fractionation?

A. I really can't remember what the policy was. There
 probably was a PFC policy on that issue, but I really
 can't remember at what point one would -- the PFC
 would have liked to be informed. I imagine there
 would have been a policy in that.

Q. And then can I just ask you to look at two further documents on this issue.

The first is a letter from you to Dr Gunson, NHBT0094549_007.

So we can see it's dated 30 May 1984, and you are reporting cases of transfusion associated hepatitis to Dr Gunson. You say:

"I enclose summaries of the only 3 convincing cases of post-transfusion hepatitis which were reported to us during 1983 (1 hepatitis B and 2 Non A, Non Bs).

"I apologise that due to an oversight there has been such a long delay in sending you these reports. I should perhaps add that the number of reports in 1984 so far has increased strikingly. This followed some publicity which we initiated regarding the need for reporting of such cases to the Transfusion Centre and tends to emphasise the degree of under reporting which has existed."

of prime importance in prevention of transfusion-associated hepatitis."

And then if we go to -- well, perhaps we pick it up at the bottom of page 3. So in that last paragraph, it says:

"In this report, 11 of 16 patients developed post-transfusion hepatitis which was due to causes other than hepatitis B. If a diagnosis of non-A, non-B hepatitis is suspected it is important to identify the donors implicated, in order to prevent further transmission to other patients through future blood donations. In the absence of a screening test, our present policy is empirical exclusion of any donor implicated in two instances of post-transfusion hepatitis."

Can you just help us in understanding what that refers to, what that means? The "empirical exclusion of any donor implicated in two instances of post-transfusion hepatitis"?

20 A. I think that would have just referred to the scenario
21 where the same donor was implicated in two cases of
22 post-transfusion hepatitis. I suppose the other
23 possibility would be if some of the tests on the
24 donor, that were referred to earlier, were positive,
25 but I think this probably refers to it being

(24) Pages 93 - 96

- 1 implicated on two occasions.
- Q. And on that reading it would mean that if there was
 a donor implicated in two occasions, then,
 irrespective of the testing on those donors' samples,
 they would be excluded?
- A. Possibly, yes. Although I'm not -- I don't recall
 exactly. I mean, this is a scenario that would, in
 practice, I -- as far as I remember, rarely ever
 occurred, if it ever occurred. But I would say it was
 a very rare situation.
 - Q. If we just go over the page, I'm just going to draw attention to the last two paragraphs which may be of wider importance.

So:

"The reported incidence of post-transfusion hepatitis shows great variation, the lowest being 2%. There is little doubt that the apparently negligible incidence in Northern Ireland during the years 1980-1983 must be due to lack of notification. It is still uncertain how many cases are missed, and even among a small population like that of Northern Ireland it is difficult to hazard a guess at the true incidence of the disease. Of the non-B infections, non-A, non-B hepatitis is a significant problem particularly in terms of chronic liver damage, despite

indeed. I suppose as things turned out, when we were able to do hepatitis screening, it did actually turn out that our incidence of hepatitis C among donors was particularly low, but I don't think that changes the fact that, yes, I would agree with this, and I particularly agree with the message that is being -- to some extent there's speculation here about suggesting that the reason must be due to non-notification, but I very much agree with the message which was being sent out to encourage doctors to look out for this condition and they issued it even saying report it direct to the Blood Transfusion Service.

Q. I'm going to turn now to ask you some more general questions about the donor collection sessions and donor selection. And you've told us, I think, in your statement, and we've seen elsewhere that there were donor collection sessions in a range of different venues as well as in some fixed locations. And in terms of the staffing arrangements at the donor sessions, you have mentioned in your witness statement that there would be a doctor overseeing the blood donation sessions who would receive appropriate training.

What particular kind of training, relevant to

the mildness of the initial illness. In the absence of tests capable of detecting an infective donor, we must rely on notification of transfusion-acquired infection and retrospective investigation of blood donors for eventual disqualification of implicated donors.

"Lack of notification may be attributed to several factors. A significant proportion of non-A, non-B infection is sub-clinical and serum transaminase levels fluctuate independently of clinical illness. Vague symptoms after surgery or anaesthetic may be ignored by the patient and doctor. The prolonged incubation time of hepatitis B and moderate incubation time of non-A, non-B infection sometimes make the correlation between transfusion and clinical illness difficult. Patients are discharged from hospital and the present system of liaison between general practitioners, hospital doctor and the NI Blood Transfusion Service is unsatisfactory. There is a good case for direct notification to the NI Blood Transfusion Service of any cases of suspected transfusion-associated infection."

Do you agree with everything that Dr Bharucha and her colleague wrote there?

A. Yes, yes, I would have agreed at the time, yes,

the donor collection -- sorry, donation collection exercise, would the doctor have received?

A. Going back to the -- when I started with Blood Transfusion Service we had one full-time associate specialist who looked after various aspects of the donor programme including the rotation -- I mean making out the rota for doctors and liaising with session doctors as well. And certainly when a new doctor started would have gone out with this doctor who was an associate specialist and undergoing training on all the aspects with respect to the procedures, and the -- particularly the selection procedures.

As well as that, we did regular update meetings for all doctors about twice a year, I think, on a Saturday morning, we had a get-together, and talked through various -- all the sort of relevant issues at the time, and update any -- updated them with any changes.

- Q. And then the donor attendants did they have anyparticular qualification or experience?
- A. They didn't have any particular qualification. They
 underwent training again. They were overseen, when
 I started, with one head nurse who was a sort of
 sister-level nurse, to use the old grading parlance.

(25) Pages 97 - 100

- 1 And she would have been responsible for organising the 2 training of all donor attendants and assessing them 3 with respect to the roles that they were able to take 4 on. Some of the more senior and experienced ones, and 5 who were deemed to have passed the, sort of, training 6 assessment, would have been permitted to carry out the 7 interviews with donors, which, when -- the routine 8 oral interview which we had in place.
- 9 Q. Now in the kind of community settings that you've 10 described for some of the collections, village halls, 11 and the like, or indeed in the workplace sessions, 12 were there opportunities or facilities for donors to 13 talk in confidence to either the donor attendant or 14 the medical officer?
- 15 A. Well, this could be guite variable. Indeed, I mean 16 there was a curtained-off area in which these routine 17 interviews took place, and also in which the -- if 18 there was an issue for them, the medical officer, that 19 would take place in that same curtained-off area. But 20 inevitably, depending on the venue, that could have 21 been -- that was a bit problematic at times. I'm sure 22 confidentiality couldn't always be completely assured.
- 23 Q. And in terms of --

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- 24 -- (overspeaking) --A.
- 25 -- the workplace sessions, which you've explained were

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1 Dr McClelland. There are various versions of this 2 document at different dates. Do you think it's likely 3 that this is the guidance that you used? A. Yes, yes. We did use these national guidance. Yes. 4 5 Yes. Certainly when I started. I think they were

by -- I can't remember exactly when, mid to late '80s, I think we started producing our own questionnaires, and I think we produced our own sort of alphabetic guidelines for selection of donors as well, to put them into sort of local context. But yes, we would have been basically following these national guidelines.

Q. If we just look briefly at the bottom of the page, we can see, under the heading "Medical History":

"A donor is the best judge of whether he is in normal health and truthful answers to simple questions concerning his medical history and general health form a main part of the examination.

"In practice the donor session clerk should specifically question the donor about the conditions listed on form NBTS 110A and request the donor's signature on form NBTS 110."

Then, if we go over the page, we can see at the top of the page it's said that there are three categories of illnesses or conditions listed in the

very important for the Northern Ireland service, in 2 order to be able to keep up with the level of donation 3 it required, did you ever consider whether employees 4 giving donations in workplaces were truly voluntary, 5 or whether there might be an expectation from their 6 employer that if a session has been arranged, they 7 would go along and donate?

- 8 A. I can't remember that being a very strong 9 consideration when I started off, or even until -- or 10 even for some time. I guess it might have crossed 11 one's mind a little bit with HIV, when you started to 12 think about all categories of donors as opposed to 13 individuals, individual donors. But no, I think 14 without workplace sessions, in those days, even with 15 all the closures and so on, we would still have 16 been -- felt we were very dependent on those.
- 17 Q. You've said in your statement that you think that you 18 used the national guidelines for the selection 19 examination of donors. Can we just have look at 20 those.

PRSE0004358.

If we just zoom in on the top part of the page: "[NBTS] memorandum on the selection, medical examination and care of blood donors."

This is a version from November 1977.

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- 2 "1. Those which disqualify a person from acting 3 as a donor ...
 - "2. Those which require referring to the Medical Officer for decision as to acceptance, deferral or rejection ...
 - "3. Those which necessitate temporary deferment, eg pregnancy, contact with infectious disease, inoculations."

You've described in your statement how the donor attendant would undertake a health screening interview. Is that essentially the process we see described here?

14 A. I'm not absolutely sure whether it's quite equivalent. 15 It sounds -- what we would have -- obviously when the donor arrives they are greeted by a clerical 16 17 officer, who would go over certain basic details such 18 as, you know, "When did you last give blood?" or --19 a few basic details. This was -- I'm describing our 20 practice. And then at the next stage would have gone 21 through a more detailed interview with the 22 donor attendant.

> This seems to imply that the interview is conducted by the clerical officer but I'm not quite sure -- I'm not sure. That may not be the case.

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(26) Pages 101 - 104

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1 Q. If we just go, then, to the bottom of the next page, 2 we have the heading at the bottom of the page:

"Jaundice or Hepatitis.

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20 Q.

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"Individuals who give a history of jaundice or hepatitis or in whose blood anti-HBsAg is present may be accepted as donors providing that they have not suffered from jaundice or hepatitis in the previous twelve months, have not been in house contact with hepatitis or received a transfusion of blood or blood products in the previous six months, and providing their blood gives a negative reaction for the presence of HBsAg when tested by a sensitive method (RPH or RIA)."

Now, Dr McClelland, as currently understood by the Inquiry, this recommendation or this suggestion that individuals who give a history of jaundice or hepatitis may be accepted as donors provided they've not suffered from it in the previous 12 months was a change introduced in around 1977, following the report of an advisory group. But it was left open to Regional Transfusion Centres as to whether they adopted that or whether they continued with the previous practice of permanent exclusion of donors with a history of jaundice or hepatitis. What was the policy in the Northern Ireland Blood Transfusion

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And that was asked along with things like, "Have you ever had brucellosis? Have you ever had cancer?" In other words, it's asked along with issues or items that would result in permanent deferral. I have a feeling, though -- so we were picking up people who had a history of jaundice at any time. They would be referred to the medical officer. I think.

I have a feeling that we -- it was kind of assessed on an individual basis, possibly based on obtaining a GP letter. The vast majority of these cases we knew would have been caused by hepatitis A, infective hepatitis. And it may be that I think if the doctor was content that this was a typical case of infective hepatitis, perhaps as part of a local outbreak or something like that, you could be virtually certain that it was hepatitis A. But I can't be completely sure. I'd say the only little bit of evidence I can look at is that questionnaire which asks: "Have you ever had jaundice or hepatitis?" You've said in your witness statement that your donor selection criteria were very strict, and you recalled

Service?

2 A. I am struggling to remember exactly how we dealt with 3 this area of history of jaundice, I'm afraid, and 4 unfortunately there is no documentation available. 5 I know when I retired there was a lot of guidelines 6 and documents that would indicate what -- the exact 7 policy of at particular points in time. I haven't so 8 far been provided with anything that really indicates 9 what our policy was. I mean obviously there are three 10 possibilities: follow this and only accept people who 11 are -- sorry, accept anyone who hasn't that jaundice 12 in the last 12 months; or take the more rigorous view 13 of this -- you can't exclude the possibility this was 14 non-A, non-B hepatitis, totally, in which case maybe 15 only accept people who are -- had the jaundice in 16 childhood.

> I have a feeling but I can't totally -- I have no -- I remember this was a frequent issue of discussion at our medical officer meetings. I have a feeling, although I can't -- have nothing to back it up, that it was a kind of halfway house, in that it was left -- this would have been -- I -- no, sorry. I do know that our questionnaire -- that when we introduced these questionnaires, it did ask the question, "Have you ever had jaundice or hepatitis?"

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1 A. I think it was just -- it would have been most 2 commonly the occasional comment from GPs who were --3 sometimes donors would go to their GP and be told they 4 were fit to give blood irrespective of the particular 5 condition they were getting advice on. And the GPs 6 would perhaps -- sometimes approach us, you know, 7 "What is the logic for including a donor with this 8 purpose?" It didn't seem to them very logical.

> I'm really just making the point that, generally speaking, the guidelines took the line that if in doubt -- well, even if there was a theoretical doubt about a risk, that you err on the side of safety. I must confess the jaundice/hepatitis one perhaps doesn't fully abide by that approach.

Q. I want to ask you next about three categories of potentially high-risk donors. The first, inmates of prisons or young offender institutions. We saw when we looked at one of the annual reports this morning a reference to a session being established at a young offender institution, and you told us that sessions were held at HMP Belfast and HMP Magilligan, and indeed I think you've exhibited to your statement some sample donor forms from sessions in the latter institution.

So that was a practice you inherited. Your

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that expression of opinion?

anything further about that? What was it that led to

several doctors outside NIBTS expressing the view that

the rules seemed unnecessarily strict. Can you recall

(27) Pages 105 - 108

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1 statement suggests that it ended in October 1983. Why 2 did you not end the practice of prison collection 3 earlier than that?

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A. I can -- would say I simply hadn't really considered it seriously up until that point. I was -- when I joined the Service I almost got the impression that it was seen as a positive thing, and I remember in one of my placements visiting -- I say, or had been brought to a session of -- virtually a prison session, and they'd shown to me with almost a certain amount of pride that this was a very good thing.

So I don't -- I think the short answer is I hadn't really seriously considered it until I began to -- well, certainly I think I would have been aware, even in our own -- well, not on our own -- sorry, I was mixing us up with military sessions. No, in our case there were -- the numbers were so small -- and I was going to say hepatitis B incidence was higher, which apparently was the case nationally. As I say, in our case the numbers were so tiny that I don't think -- I don't know if we ever found a hepatitis B positive in my time. But -- sorry, I'm losing my train of thought.

Sorry, could you repeat the question?

Q. Yes, it was why you didn't bring it to an end as

109

- there is an argument that they should have. 1
- 2 Now, the second category I wanted to ask you about 3 which you mentioned a moment ago is military donation -- sources. What role did collections from 4

5 military sources play in the work of NIBTS?

- 6 A. I think it was quite a significant contribution, 7 especially in the 70s, continuing in the 80s. I think 8 the numbers were becoming less and less. There were 9 still some army sessions into the 90s, certainly. But 10 the numbers had become very small. But certainly in 11 the 70s, when of course there was such a large army 12 presence in Northern Ireland, yes, there was quite 13 a significant contribution. Quite a lot of sessions.
- 14 Q. Was consideration given ever, to your recollection, to 15 the possibility, again, that those serving in 16 the military might not be truly voluntary donors, or 17 might, if they had engaged in high-risk activities, be in difficulty in being truthful about that in donor
- 18 19 sessions?
- 20 Perhaps -- I was aware, certainly it was our Α. 21 experience that there was a higher incidence of 22 hepatitis B among army donors, certainly. That was 23 the case. I can't remember how much consideration 24 I would have -- I mean, I think certainly during the
 - 70s and even into the 80s, I would almost say we

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a practice earlier.

2 A. Yes, I simply did -- I began to get information that 3 the higher incidence of hepatitis B was a cause for 4 concern. The onset of AIDS was clearly an influencing 5 factor because for the first time you started to -- or 6 at least in my case, the first time you started to 7 think in terms of whole groups of donors, whole -- not 8 just individual donors being assessed on an individual 9 basis, but whole groups who might have, statistically, 10 had an increased risk. So when I -- and I remember 11 communication with Dr Gunson, who gave us the figures.

> I don't remember, meetings I had, being told that this -- it being discussed very much. Then I heard about the Medicines Inspector view on some sessions, and that was certainly quite an influencing factor. And when that information came through I decided to stop it forthwith.

- 18 Q. Looking back now, and having regard not only to the 19 fact that prisoners might be regarded as being 20 a higher risk group, but also the fact that they may 21 be less well placed to give candid answers to 22 questions, maybe less truly voluntary as donors, do 23 you think that prison donation should have stopped 24 long before October 1983?
- 25 A. I think there is an argument for that, yes. I think

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- 1 were -- you can never say totally dependent on these 2 donors, but they were a valuable source of donors at 3 a time when we were struggling at times to maintain 4 the blood supplies. So I think that was -- that would 5 have been a big factor.
- 6 Q. Then the third category I wanted to ask you about is 7 those who have used drugs, intravenous drugs.

Now this is before we get to the AIDS leaflet, which is the next topic I am going to ask you about. How were donor attendants or medical officers at donor sessions expected to evaluate whether somebody might have a history of drug use? Other than the obvious, that if they rolled up their sleeve and there were needle track marks you might see them, if it was the correct arm. But other than that, what steps were taken to try to reduce the chances of using donations from drug users?

18 A. Other than the questions that are -- would have been 19 in the questionnaires, I think it would have been 20 based on interview and the general assessment. 21 I can't remember that there would have been very much 22 specific beyond that asked of donors that might have 23 uncovered that kind of thing.

> Obviously in Northern Ireland it was -- we had a particularly low incidence of intravenous drug use,

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(28) Pages 109 - 112

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1 very low, and it was probably directly related to 2 the Troubles, in fact, the actual control exercised by 3 paramilitaries. Hard to think of an advantage of 4 paramilitaries but it looked as if -- that was always 5 my information from public health doctors, that there 6 was a very low incidence of intravenous drug use in 7 Northern Ireland in that -- during that period. And 8 it was probably related to the Troubles, actually.

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Q. I am going to ask you next about AIDS and the response to AIDS from the Transfusion Service's perspective. If we go to your witness statement again, Dr McClelland, WITN0892001. If we go to page 63, please. So at the bottom of the page you say this:

"My earliest recollection of HTLV III/AIDS was of reading reports from the US about AIDS being associated with Haemophilia. I believe these reports were in MMWR bulletins (1981/82). I also recall an AABB meeting [that's the American Association of Blood Banks, I think] (in or about 1982, I think) at which AIDS and its possible relevance to blood transfusion was discussed on the fringes of the meeting. Subsequent to this, I would have been aware of reports appearing in the scientific literature which provided increasingly convincing evidence of a single infective agent, including the first report of a child, in which

113

point to be the most likely cause, an infective agent. 1

2 Now I'll ask you in a moment about the AIDS leaflet,

3 and its introduction and use in the service. Before

4 I do that, do you recall whether Dr Mayne or the 5

Eastern Health and Social Services Board, or the 6

Northern Ireland Department of Health or anyone asked

you if you could increase the production of

8 cryoprecipitate so that people with haemophilia could

be treated, at least on an interim basis, with

10 a product that was safer in terms of potential AIDS

transmission than factor concentrates? Did anyone

12 ever ask you to do that?

13 A. No, I don't remember anyone asking me to do that. No. 14 I don't.

15 Q. If we go back to your witness statement, Dr McClelland, WITN0892001, page 41, bottom half of 16 17 the page. So the subparagraph (e) you were asked "how 18 quickly the NIBTS could have increased its manufacture 19 of cryoprecipitate, had it wished to, during the early 20 1980s", and you say this:

> "As I recall, in the early 1980s, NIBTS could have readily returned production to what it had been in the late 1970s (around 10,000 packs per annum). I believe there would have been the capacity to increase this substantially to, say, 20,000 packs

the only risk factor appeared to be blood transfusion."

> Do we understand from this, Dr McClelland, that you yourself read the MMWR bulletins?

5 A. Yes, yes I can't -- I think it may have come via the 6 CDSC, or it may have come direct. I can't recall 7 exactly, but I think it was a weekly bulletin, yeah, 8 and yes, there was -- I'm not sure -- one, I continued 9 to have it, but yes, I remember reading the -- a lot 10 of information on AIDS in that.

11 Q. And you referred there to the first report of a child 12 in which the only risk factor appeared to be blood 13 transfusion. That is, I think, probably a reference 14 to the child -- the Californian child, we refer to it 15 from time to time as the San Francisco baby case, 16 reported in --

17 A. Yes.

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18 Q. -- I think the MMWR in December 1982.

19 So would it be right to understand that, as a 20 result of what you read as set out here, by the end of 21 '82/beginning of '83, was it your understanding that 22 the likely cause of AIDS was an infective agent, as 23 you describe here, that could be transmitted in blood 24 or blood products?

25 A. Yes, I think that's right. That did seem at that

114

1 per annum (at a guess). Some additional equipment and 2 staffing would have been required, but this had 3 already been acquired in order to produce the large 4 increases in [fresh frozen plasma] going to PFC."

So had you been asked, it looks as though you -it wouldn't have been a problem for you to increase, fairly substantially, the production of cryoprecipitate?

9 A. Yes, I think it would have been possible. Yes. 10 Yes -- I mean I -- this is my belief. I think at the time, looking back, that it would have been possible, 11 12 if there had been a clear demand and a clear policy 13 emerged, that we should reprioritise our production in 14 that way.

15 Q. I asked you a few minutes ago if you were ever asked 16 by Dr Mayne or anyone else to do so. Can I put it the 17 other way round: did you ever raise it as a possible 18 course of action with Dr Mayne or anybody else?

A. No. No. I don't think so, specifically. I can't 19 20 remember -- I mean Dr Mayne and I would have discussed 21 various aspects of Factor VIII and cryoprecipitate, 22 and so on. I don't remember any clear steer that 23 there would be -- that this was the -- this was the

24 appropriate approach at that time. And -- sorry. And 25 I don't recall saying or suggesting to her that we

116

(29) Pages 113 - 116

1 should do that either.

Q. We can take that down. Thank you.

Now, the leaflets that were then produced in relation to AIDS and blood donation, we start by just having a quick look at BPLL0007247.

This, Dr McClelland, is the leaflet that was produced in England and Wales with the involvement of the Department of Health and issued at the beginning of September 1983. I'm not going to go through the details of its content with you but, as far as you can recall, was this the leaflet that went into circulation in the Northern Ireland Blood Transfusion Service?

- 14 A. Yes, yes, it was.
- Q. Now, we know from other witnesses, most recently the other Dr McClelland in Edinburgh, who gave evidence last week, that some other centres introduced their own form of leaflet earlier than this, rather than waiting for the Department of Health. Did you give any consideration, as far as you can recall, to producing your own leaflet?
- A. I don't think we did, seriously. I would have been
 aware, and was aware, that this national leaflet was
 in the pipeline. I would have considered, in our
 context in Northern Ireland, assessing the likely risk

let me just pick it up at the bottom of page 2, so you can see the context in the minutes. So the bottom of page 2 has the heading "AIDS":

"It was noted that since the last meeting, the UK leaflet [that's the document I just showed you] had been produced and, the Ministers of Health having made statements on the matter, the leaflets were being distributed. The method of distribution had been left to the Directors who reported as follows ..."

Then we can go to the next page, four paragraphs down, there's the heading underlined "[Northern] Ireland":

"Dr McClelland had not yet received the leaflets but would make them available at donor sessions once he did."

Do you know why there'd been, it appears, a delay in those leaflets being sent to Northern Ireland?

- A. I don't recall. I would be pretty sure that they
 would have arrived soon after this date but, no, I
 can't really say for sure.
- Q. Then if we go to DHSC0101652_002, this tells us about how leaflets were used at the Northern Ireland centre.
 So this is a letter from you to Dr Smithies at the

Department of Health in London, 25 January 1985:

that it would be appropriate to follow the national line. As I say, all the indications that we had would have been that the risk was likely to be low, based on incidents of other -- well, incidents of any -- I don't know if there were any cases of AIDS in Northern Ireland at this point. There might have been one or two that were, kind of, imported.

I think we -- if you look at -- looking at risk activity, we've already mentioned drug abuse or intravenous drug abuse, which was very low -- at a very low level. So what evidence -- we had incidence of hepatitis B, as well. So what evidence we had indicated that we were one of the -- likely to be one of the most low-risk regions, not one of the -- I can imagine if we'd been in the situation of perhaps London or Edinburgh, I'm sure ourselves and BTS and Department of Health, and so on, might well have considered that we should look at measures to -- additional measures that we should take. But, given the situation at that time, I don't think we did think it would be -- we thought it would be appropriate to follow the national -- the national approach.

Q. If we then look at PRSE0002617, you'll see this is an SNBTS directors meeting, 13 September 1983, at which you were present. If we go to page 3 -- sorry,

"Thank you for your letter on the subject of prevention of transmission of AIDS through blood donation.

"In Northern Ireland the following approach has been adopted. Until recently, we relied on the display of AIDS leaflets on all sessions. From about 6 weeks ago, we had been handing a leaflet to each individual donor. The drawbacks which have been noticed are, firstly, that donors often have insufficient time, in practice, to read the leaflet properly before donating. Secondly, a few individuals have shown resentment at being handed the leaflet. A potential problem is, of course, the difficulty for any donor to exclude themselves at a donor session, but perhaps not surprisingly it is one we have not been made aware of.

"I am sure it is desirable to send an AIDS leaflet to each donor with the call-up letter. At present this is not possible since we use post cards to call donors and have not the clerical capacity to send enclosed leaflets. During the coming year this will change, with the advent of a computerised donor call-up system, combined with the use of an automatic enveloper. The problem of informing donors who are not called individually will of course remain, ie

(30) Pages 117 - 120

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those who donate at their place of work. We are now supplying local organisers at such sessions with AIDS leaflets.

"I hope this information is of some help and I look forward to receiving the updated AIDS leaflet."

It would appear from that, Dr McClelland, that from the introduction of the leaflet in or around September 1983 to about six weeks before this letter, so sometime perhaps in the first half of December 1984, the leaflets were simply being left or displayed at the sessions; is that correct?

12 A. I think so, yes, yes. I think so. I think that's
13 what this letter would -- that would be my
14 recollection as well. Yes.

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- Q. And so that would really depend upon the donor picking
 up the leaflet and reading it, would it not? It runs
 the risk that a lot of donors might not become aware
 of the contents of the leaflet?
- 19 **A.** Yes, yes. Yes, that's right. Yes. It's -- yes. And
 20 this would have been -- this approach -- I mean,
 21 I think we would have sent the leaflet out if we'd had
 22 the capacity to do it at the outset. But I think we
 23 had -- and our donor admin and recruitment staff did
 24 have real concerns about the impact or potential
 25 impact of this on donor attendances. And in a society

121

Did you ever consider whether there was any other way in which this kind of information could be disseminated to potential donors in advance of the receipt of the automatic enveloper and the establishment of the computerised call-up system? Was thought given to there being some form of public health campaign or a display of posters or anything along those lines in that period from the autumn of 1983 to 1985?

- A. I think there may have been some public information on this. I don't know if there was an actual specific targeted campaign with direct relevance to blood donation. But I think the message may have been included with the general campaign about AIDS, that would have been general messaging about AIDS that would have included that message not to give blood for people in high-risk groups, but I can't remember the details.
- 19 Q. What about amending the questionnaire? Now I know you20 did that slightly later on --
- 21 A. Yes.
- Q. -- but did you consider in September 1983 or
 thereafter at least taking the step of amending the
 questionnaire to add a question, "Have you read the
 AIDS leaflet? Please tick if you have", to at least

like Northern Ireland, we had quite a conservative society, I think we had reason to have those concerns. So I probably felt that there may be some merit in this sort of gradual approach to introducing this leaflet, which was something very different to anything that had come before.

So yes, we -- it had its drawbacks, in terms of effectiveness, but we did introduce the mailing as -- as soon as we were able to. It might seem a sort of trivial problem, the problem of including something in an envelope. Every -- you must -- regard every day, the staff would be sending out maybe, at a guess, anywhere between 500 and 1,000 postcards. So it really would have been quite a clerical task to take this on at that point.

- 16 Q. I think it's right that it was only in 1982 that
 17 homosexuality ceased to be illegal in Northern
 18 Ireland.
- 19 A. Correct.
- Q. And so the chances of -- or that might mean that
 potential donors might be even more reluctant than
 they might otherwise be to, as it were, admit to being
 in a high-risk category that until very recently had
 been potentially exposing them to criminal
 prosecution.

122

prompt people to be aware of the leaflet?

A. Again, I -- with regard to a lot of donor info

Again, I -- with regard to a lot of donor information 3 in use at that time, unfortunately I don't have any 4 documentation to look -- to consult and to really 5 prompt my memory, so to enable me to give reliable 6 answers to questions like that. I think I mentioned 7 we did introduce a general -- for the first time 8 a questionnaire for donor -- also already mentioned 9 the oral interview with the donor attendants. We did, 10 I think, from -- again, I can't remember the date --11 introduce a questionnaire initially for new donors, 12 donors to complete at the session, and that was --13 that did, I think -- that certainly did include 14 some -- something about "Have you read the AIDS 15 leaflet?" And as I say, that may well be '85, '86, 16 that sort of time, before that was introduced. But 17 that's all I can think of in that area.

18 MS RICHARDS: Sir, I note the time. And I'm going to move19 on next to the question of anti-HTLV-III screening.

Sir, I've probably got about another 45 minutes of questions --- or up to 45 minutes of questions myself for Dr McClelland, and then we obviously need to give Core Participants the opportunity to suggest questions. We could -- entirely a matter for you whether we in fact break now until the morning, or

123

124 (31) Pages 121 - 124

1 whether we continue now in the knowledge that we'd a matter for you to tell me, not for me to tell you, 2 probably have to sit late in order to accommodate the 2 and so you may prefer -- but it's a matter for you --3 3 opportunity for CPs to suggest questions? Or we may prefer to take a break now and come back at 10.00 4 4 simply go on to the normal time of 4.30. It's in the morning, in which case I would think we will be 5 5 entirely a matter for you. finished by probably, I would have thought, no later 6 6 SIR BRIAN LANGSTAFF: Well, let me ask Dr McClelland what than 12, but it's certainly going to be just an 7 7 hour-and-a-half, two hours, something like that in the he would like. 8 Dr McClelland, can you hear me? 8 morning. 9 A. Yes, sir. 9 It's up to you. What would you like to do? SIR BRIAN LANGSTAFF: There's a choice. Counsel will have A. Well, I'm happy enough to press on until 5 o'clock, 10 10 11 about 45 minutes or so more questions for you. We're 11 or -- you say either way we're taking a break now? 12 going to take a break now anyway for half an hour, so 12 **SIR BRIAN LANGSTAFF**: Either way we're taking a break now, 13 that would start at 3.45 or 3.50. So it will be after 13 having a cup of tea or a break. Then there will be 14 4.30 by the time she's finished, just after. 14 another break, as I say, around about 4.30 or so, for 15 15 But what then happens is that we allow questions then to be asked or put to Ms Richards. 16 Core Participants to ask questions or put forward 16 That break will be 20 minutes, half an hour, depending 17 questions to her which arise from having listened to 17 how long it takes for those questions to come in, and 18 your evidence and read your statement, questions they 18 then there will be the asking of those questions, and 19 19 would like answered, so that she may ask those of you. then that will be it for the day and that will be it 20 20 And that may be -- she has to field those questions. for your oral evidence to us. 21 That's going to take half an hour, and that will get 21 A. Yes. Yes. SIR BRIAN LANGSTAFF: So you get it over with, if you 22 us into after 5, and then I just can't say how long 22 23 those questions would be. 23 like, all today. If you're up for it. But you can 24 My sense is that you've probably had enough for 24 have a break now if you'd rather. 25 today, or you're getting close to it, but this is 25 I'm happy to press on. 125 126 SIR BRIAN LANGSTAFF: Then let's do that. 1 a very -- very keen to get started. I was certainly 1 2 Well, we'll take a break now until shall we 2 very keen that we get started as soon as possible. 3 say 3.45. So 3.45. 3 I was also well aware of a lot of the issues 4 THE WITNESS: Thank you. around testing. I mean, we weren't involved in 4 5 (3.21 pm) 5 evaluations of any of the tests. We hadn't that kind 6 6 (A short break) of expertise in evaluating new tests. But I was aware 7 (3.45 pm) 7 of the issues, the fact that -- the problems with the 8 SIR BRIAN LANGSTAFF: Yes? 8 early tests in relation to sensitivity, specificity, 9 MS RICHARDS: Dr McClelland, the next issue I want to ask 9 reproducibility, how problematic it could be if you 10 10 you about concerns the introduction of the screening had the wrong sort of test that might result in having to, I don't know, repeat batches of tests and they get 11 for HIV. Did you have any involvement in the national 11 12 decision making regarding the introduction of HIV 12 called up -- I mean, we obviously had to get tests 13 13 completed by -- before the end of the working day, the screening? 14 next working day after collection. So one could see 14 A. I think the short answer is no, no, not involvement, 15 not on any of the actual advisory committees or 15 a lot of practical problems emerging. 16 So when I was aware that there was, you know,

16 anything of that nature.

17 Q. Do you know whether the Department of Health and 18 Social Services of Northern Ireland had any involvement? 19

- 20 A. In the introduction of testing, I -- well, I'm not 21 absolutely sure about that. Yeah, I'm not sure.
- 22 Q. Did you have any concerns, as far as you can recall, 23 about how long it took to introduce screening for HIV? Which was 14 October 1985, I think. 24

127

A. Well, I was certainly very -- I thought it was

23 This is a letter from Dr Smithies,

24 25 October 1985, to you. She says in the first 25 paragraph:

Q. Can I ask you to look at DHSC0000481.

what sounded like a better test, a second generation

relief, because one could foresee great problems from

all the information we were getting about the initial

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test, I was -- probably welcomed that with some

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(32) Pages 125 - 128

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1 "We have been receiving much public and 2 Parliamentary concern about the use of stocks of blood 3 and blood products held in Regional Transfusion 4 Centres and hospital blood banks which have not been 5 tested for anti-HTLV III." 6 "I am writing to ask if you would put in hand 7 measures to test any remaining stocks which you have 8 already supplied to blood banks or have in store 9 wherever this is practicable." 10 Then she asks if you would let her know as soon 11 as possible what action had been taken. 12 Now I don't think we've traced a reply to this letter, but can you recall what steps either had been 13 14 taken in advance of this letter or were subsequently 15 taken on this issue of testing blood and blood 16 components held in stock? 17 Perhaps I should just say I assumed, when I first saw 18 this, that I would have replied, and then it says 19 "Copy for information", I'm wondering was I just 20 included or was I actually being asked this question? 21 So I'm not sure if -- hundred per cent sure if there 22 is a response anywhere to Dr Smithies -- but as --23 with regard to what we actually did. The problem is I 24 really can't remember the exact details on this and 25 unfortunately there is no documentation from the time. 129 1 So that's as much -- really, as much detail as 2 I can provide. 3 Q. And then can I just ask you to look at one later 4 letter on a similar theme. 5 NIBS0000046 -- sorry? 6 A. Sorry, I've lost picture. 7 Q. Have you got the picture back now?

I remember discussing this issue at some length with staff at our meetings. We had the regular meetings with the microbiology lab and -- which were actually minuted, but those don't seem to be around either.

I remember discussing this issue, and the fact that we needed to take measures to try to ensure that, as far as possible, everything was tested, certainly that went from BTS and preferably used in hospital blood banks.

I know there was a certain thing -- I'm almost certain we started a little bit early. I can't remember whether -- it might have been two weeks, three weeks. I just can't remember. I'm almost certain we started testing somewhat early.

I also think we ran down our stocks, because I seem to remember discussing this, the stocks of frozen -- fresh frozen plasma and cryo. Those are two measures.

With regard to any other measures, such as discarding untested product or component, I just cannot recall what we did. It would obviously have involved some sort of a judgment call, with looking at the desirability to have everything tested against maintaining supplies.

130

8 A. I've lost the -- yes, I've lost picture. You're not 9 moving.

10 Q. Can you hear me, Dr McClelland?

11 A. I can hear you, yes. Just a moment, I've just lost 12

the picture. I can hear. I can hear you.

13 Q. We'll just see if the technician can assist with the 14 picture.

SIR BRIAN LANGSTAFF: Yes, we'll just take a break offline 15 for five minutes and see if we can get it sorted. 16

> So we'll take a break for five minutes, and see if we can get it sorted.

19 (3.54 pm)

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(A short break)

21 (3.57 pm)

SIR BRIAN LANGSTAFF: Yes. 22

23 MS RICHARDS: Dr McClelland, can you see and hear me?

24 A. Yes, indeed.

Q. Good. Sir, could we look at NIBS0000046, page 2. 25

It's a letter from you, 23 May 1986, to Dr Maw in the department of genitourinary medicine at the Royal Victoria Hospital. You say, in the first paragraph:

"As you well know, a number of measures have been taken recently to reduce the risk of transfusion transmitted HTLV III infection, ie donor selection, HTLV III antibody screening (since October 1985) and heat treatment of certain blood products. Clearly these precautions are not fool-proof and it would be helpful for us to be made aware of any known HTLV III antibody POSITIVE individuals who have donated blood recently."

There are two reasons, and it's the first I want to ask you about.

"Some blood products which have been prepared from source plasma collected 3-4 years ago are still being issued. While the highest-risk products are being heat treated (probably effectively) some others are not. The current policy is that if a batch of any blood product is known to be contaminated with an HTLV III antibody POSITIVE donation, this batch is discarded even if heat treated."

Dr McClelland, the question is this: which products were still being issued that have been prepared from source plasma collected three to

132

(33) Pages 129 - 132

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four years ago, and therefore untested; what kind of products would you be referring to there?

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A. I think I must have been referring to products like immunoglobulins of various kinds; obviously, albumin was always pasteurised, regarded as very safe; factor VIII was being heat treated. I think I was trying to get across the message that -- to Dr Maw that the, you know, the problem of HIV hasn't -- hadn't gone away totally with regard to blood transfusion and blood product treatment.

So that -- yeah, there was still some risk or potential risk. But I think I was referring here to immunoglobulins, probably.

14 Q. Thank you. We can take that down. Thank you.

I wanted to ask you next, then, about surrogate testing for non-A, non-B hepatitis. We know that surrogate testing was not introduced. Was this something which, in Northern Ireland, consideration was given to introducing, irrespective of what was happening in the rest of the United Kingdom?

A. I don't think serious consideration was given to
 introduction of surrogate testing. It was certainly
 something we were keeping a very close eye on the
 developments. A little bit like the same argument
 with regard to HIV, that any evidence we had would

133

requiring strictly new funding. Each Director should let Dr Cash know what funds would be required in his/her region, assuming that both core testing and ALT would be undertaken in the Transfusion Centres."

Now, that's obviously referring to the position in Scotland, but you were present at this meeting and, to some extent at least, were a partner with the Scottish directors. Do you recall whether you agreed with this recommendation from your Scottish colleagues?

A. I really can't remember at this distance. Clearly in Scotland, they had particular issues with regard to things like product liability and the competition for PFC, or with PFC products and so on.

I would not have been enthusiastic about the idea of introducing this, I think, as far as our own situation in Northern Ireland was concerned, in the absence of more evidence that it was justified. So yeah, I think that would probably have been my feeling about it.

Having said that, if it had been approved, I think we would have been required to introduce it if we wanted to continue the relationship with PFC. I presume that would have been the case, if this had been approved.

indicate that the risk was likely to be less in

Northern Ireland than the rest -- than the rest of the

3 UK. And, of course, when we introduced hep C testing,

that actually proved to be the case. It also

5 mentioned about very little intravenous drug use, and 6 so on.

So to be honest, I think the answer would be we didn't. We would have followed the national -- a national decision making.

10 Q. Then if we look at PRSE0004163.

This is an SNBTS directors meeting,
3 March 1987, and you are recorded as present.
If we could turn to page 6, please. Sorry, can
I pick it up bottom of page 5, Sully.

So the heading at the bottom of the page was "Surrogate testing for [non-A, non-B hepatitis]", and there's a reference to the reconvening of a working party on transfusion-associated hepatitis. If we go over the page, picking it up in the second paragraph it says:

"The Directors discussed the options open to Scotland and agreed the following:

"To recommend to the SHHD that surrogate testing for [non-A, non-B] should be implemented with effect from the 1 April 1988 as a national development

134

- 1 Q. As someone who attended both the SNBTS directors'
- 2 meetings and the Regional Transfusion Directors'
- 3 meetings in England and Wales, do you recall whether
- 4 there was any difference of approach between Scotland
- 5 on the one hand and England and Wales on the other
- 6 hand with regard to the question of surrogate testing?
- 7 A. Um ... I don't remember a lot about this. I do
- 8 know -- I think I do seem to remember that when
 - Professor Cash mentioned this at an RTD meeting, that
- 10 this was going to be done, that there was a lot of
- 11 concern raised about it. But I really can't remember
- 12 any detail.
- Q. Can I come, then, to the introduction of screening for
 hepatitis C, which was introduced in the autumn of
 1991, September 1991.

Did you understand this to be a decision for the Department of Health in London as to whether, and if so when, hepatitis C screening should be introduced?

- 4. Yes, I did. I did indeed. It was always myunderstanding that this -- this would await DHSS
- 21 approval. They had all the advisory machinery, the
- 22 access to all the best advice. Yes, I did assume
- 23 that. And it was obviously also my understanding that
- 24 we were -- that between the transfusion services, that
- 25 there would be a common starting date as well.

136 (34) Pages 133 - 136

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- Q. Now --1
- 2 A. So yes.
- 3 Q. Other countries were introducing hepatitis C 4 screening, other European countries, for example, 5 introducing hepatitis C screening earlier than the
- 6 United Kingdom. Do you recall being concerned about
- 7 that?

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8 Yes, I think I was concerned. Yes. I mean, I was A. 9 very -- thought it was a really exciting development 10 when the test -- the virus was identified and the test 11 became available, and my feeling was that we wanted to 12 introduce it as quickly as possible.

> I obviously wanted -- I realised there were a lot of problems to be resolved before we could do that, but yes, I was -- I remembered -- probably it was beginning to feel, especially during '91 -- a feeling of frustration about not starting, about the delays.

- 19 Q. Apart from the wish to abide by a national starting 20 date, were there any particular practical reasons why 21 hepatitis C screening could not have been introduced 22 in Northern Ireland earlier than it was?
- 23 I can't remember if we would have had access to the --24 if we would have been in a position to start very much 25 earlier than we did, in terms of access to the assays

137

of discarding untested product. You know, making that judgment call with respect to supplies, certainly -obviously, discarding a lot of red cells would almost certainly have put our supplies in jeopardy.

So I don't think we had to do that, but -- and I can't be sure, there's nothing documented that I can call upon.

Q. I'm going to move now to a different issue, which is the question of transfusion practice and the better use of blood. Can I invite you to look at BHCT0000143.

You'll see there that at the head of the page it's addressed to "Members of the Northern Ireland Advisory Committee on Blood Safety". This is a letter sending out the agenda in September 2002.

Do you recall when the Northern Ireland Advisory Committee on Blood Safety was set up?

- 18 I can't, I can't remember. It would have been related 19 to, probably, the Better Blood Transfusion Initiative 20 by the CMOs across the UK, I think. I can't be sure, 21 no. I can't remember.
- 22 Q. Don't worry. If we go to page 3, please. These are 23 the minutes of a meeting of this committee in 24 September 2001 and we can see that you were in 25 attendance, as indeed was Dr Brian McClelland. Then,

or having the equipment in place. I suspect we --2 well, I think we did start a little -- a bit earlier, 3 but I can't recall how much earlier we could have 4 started. As I say, that's as much as I can remember.

5 Q. Do you recall if the question of starting earlier was 6 ever consciously considered by you or discussed with 7 the Department in Northern Ireland or the Board?

8 A. It was always my understanding that this was 9 a Department of Health decision, that the go-ahead --10 we went ahead when we got the go-ahead from the Department of Health and -- the Department of Health 11 12 in Northern Ireland and the Department of Health in 13 London, or both together.

14 Q. Then I've already asked you in relation to the HIV 15 screening about what arrangements were made for the 16 testing of blood or components already held in stock 17 at the date the screening of donations started. What 18 was the position in relation to hepatitis C? Can you 19 recall whether steps were taken to recall products 20 that had been unscreened from hospital blood banks or 21 elsewhere?

22 A. I'm afraid my position on this is exactly the same as 23 for HIV. I cannot recall the details. I believe we 24 did start somewhat earlier, and it was really 25 a question of assessing how much we could do in terms

138

1 if we go to the bottom of the page, you will see 2 there's a reference there to "Transfusion Medicine --3 Guidelines on the Administration of blood and blood 4 components and the management of transfused patients".

> There's a reference to work being done in the Belfast City Hospital by the Blood Transfusion Committee. Then the second line records that the City Hospital would be happy to share its guidelines, et cetera, with other Hospital Transfusion Committees.

committees were first set up in Northern Ireland? Yes. Well, I think -- well, not exactly. Sometime I think before this.

One thing, if I may, maybe one relevant point about the role of the NIBTS in encouraging better practice. From the mid-90s or just before, we --I managed to get approval to appoint a third consultant in blood transfusion, NIBTS, and the main reason for -- or the main rationale for justifying that was for this purpose: because I saw that there was a role, an important role for someone who was expert, who had real interest and expertise in clinical transfusion to be appointed.

a training post agreed, a training programme in

Do you recall at all when hospital transfusion

And as a matter of fact we managed to get

139

140 (35) Pages 137 - 140

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transfusion medicine. And that was approved. We made an appointment, Dr Keiran Morris was appointed. He, as Brian McClelland mentioned, had done part of his training in the Edinburgh Centre and then completed his training with us. And he was appointed a consultant in I think 1995, '96.

I mention that because he was the driving force behind a lot of these initiatives. He sat on all the transfusion committees around the province, and was involved in a lot of these initiatives that are referred to and considered by this committee.

Sorry, that's a long winded answer. No, no, you've in fact anticipated and therefore avoided the need for a couple of my further intended questions, Dr McClelland.

If we just go to page 5, which will be the next page. You'll see there's a heading at paragraph 7, "vCJD update". I'm not proposing to ask you about the details of the position in relation to vCJD. But in the paragraph just above the heading "Report from NIBTS", we can see it says:

"CMO enquired if information was available on blood usage by speciality and consultant. Dr M McClelland said that a considerable amount of information was held in the NIBTS and that he would

141

Service Circular":

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"Better Blood Transfusion "Appropriate Use of Blood."

And what we can see it's "For action by: Health Authorities", et cetera, "For information to: Chief Medical Officers", and we can see that's across the country, Wales, Scotland, Northern Ireland.

If we go over the page, I only want to show you one sentence, really. Top of that page under the heading "Summary":

"This Health Service Circular replaces", then there's reference to a 1998 circular, Better Blood Transfusion.

So there are two initiatives referred to here. one in 1998, this one in 2002, on the issue of Better Blood Transfusion. I'm not going to ask you about the detail of the work that was done in response to those initiatives but can you think of any good reason why those kind of initiatives could not have been introduced back in the 1980s or even earlier? I would say it really wasn't given the priority by the Departments of Health. There would have been efforts made at a professional level but, I mean, with Better Blood Transfusion Initiative you had the full backing

make this available."

Then if we can just go back to the screen as it was, the context, I think, of the CMO's enquiry and your response, doctor, is the previous sentence, which recorded Dr Brian McClelland stating that there should be a target of 10 per cent reduction in blood usage.

What kind of information did the NIBTS hold about blood usage by speciality and consultant by this time?

A. I'm trying to think. I could imagine Dr Morris, 10 11 Dr Keiran Morris, who was with us, might well have had 12 that sort of information from his sitting on 13 transfusion committees. I can't think that we 14 would -- it was information that we would have been 15 collecting on an ongoing basis. So I know I've made 16 the offer here to provide the information, I'm just 17 wondering where it came from. Maybe through 18 Dr Morris's work.

> I'm sorry, I'm afraid that's all I can say about that.

21 Q. Don't worry. The meeting goes on to consider various aspects of the Better Blood Transfusion initiative.

If I can just ask you to look at page 27, which is, I think, an appendix to these minutes.

This is a circular dated July 2002, a "Health

142

and that, in turn, then would have encouraged clinicians to be getting involved in it.

The other point, not quite, that I would perhaps mention, is that around this time, for the first time, we started to get some research work on real meaningful -- really meaningful clinical trials on the use of blood in certain situations, which really hadn't been before. Sometimes said that, you know, if blood had just come -- had been invented as a new drug, it wouldn't have got a licence, because there wouldn't have been enough information to -- it's a bit facetious, perhaps, but because it wouldn't have had the necessary evidence for benefit.

I think around this time we started to see some genuinely well done clinical trials on the use of blood in certain situations, which -- some of which showed that we were -- probably were over-using blood, and that started to have a real impact on clinical practice. So, I mean, that's just one point I would make in addition to the general initiative. I don't think back in the 1980s there was that evidence or that real interest in the -- evaluating the real -evaluating the way in which blood was used, clinically, it intended to follow the sort of standard practice.

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of the CMOs. And it was given the necessary priority,

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(36) Pages 141 - 144

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- Q. Now, the last topic I want to ask you about, 1 2 Dr McClelland, is the HCV look-back exercise, which 3 was undertaken in 1995. Now, again, as I understand 4 it, the Northern Ireland hepatitis C look-back was 5 undertaken in accordance with the national -- the 6 decision to have a national look-back. Was any 7 consideration given within Northern Ireland to doing 8 a look-back earlier than 1995 and, if not, why not?
- 9 Certainly would have been keen. I think we would have been very keen to get on with doing this, in the same 10 11 way as we had been doing with HIV. But, in the case 12 of look-back, there was a very clear understanding 13 that this was something that the Department -- we had 14 to await a departmental decision on. Obviously, it 15 involved the full cooperation of the hospitals, 16 haematologists, and clinicians. I don't think we 17 could really have, in our situation, I don't think we 18 could have taken that initiative without department 19 support.
- 20 Q. Then if we could look at NIBS0001089. This is 21 a report headed "HCV Lookback -- NIBTS Experience". 22 The introduction explained that the procedures were 23 announced in April 1995 and goes on to outline what 24 they envisaged. Then the third paragraph explains 25 that:

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blood bank. In a further 36 cases we have had no reply from hospital clinicians notified and it is very unlikely that we will obtain any further information. These cases reflect incompleteness of record keeping in the clinical notes or patient records could not be obtained. There are several examples of blood components issued from the hospital blood bank where it is not possible to confirm that units have in fact been transfused. This has highlighted a failure in institutional blood transfusion practice and documentation procedures which is being addressed through the Hospital Transfusion Committees. This is perhaps the single-most important finding from NIBTS HCV lookback exercise and it will be interesting to see if it is reproduced elsewhere. 64 components can be accounted for. 8 were in fact not transfused and there are completed records of their discard. 31 recipients were deceased. This is likely to be an underestimate as most transfusion recipients are lost to short follow-up. It is likely that there are more deceased recipients among those for whom we have not received a reply although this remains unconfirmed. 25 recipients of potentially infectious units were identified, though 3 were not considered suitable for counselling by their GPs (these were 3 females aged

"It was anticipated that there would be problems 2 with this exercise, not least of which would be 3 documentation failures both in the Regional 4 Transfusion Centres and in hospital blood banks and 5 incompleteness of record keeping in patients' clinical 6 notes. In some cases [potentially] infectious units 7 were transfused some 30 years previously." 8

Before I just ask you to look at the conclusions of this report with me, Dr McClelland, who was it within the Northern Ireland Blood Transfusion Service who was in charge of the look-back exercise from the service's perspective? Was it you or Dr Bharucha or someone else?

- 14 A. Dr Bharucha was the main person involved in all of the 15 detail. My own involvement would have been -- been 16 just generally to ensure that it was being carried 17 out, but no, she was the one who coordinated the 18 programme.
- 19 Q. And then if we just look at the findings or 20 conclusions pages 6 to 7, so if we start with page 6, 21 I think this is a draft report. But in any event, 22 hopefully the figures are accurate. So the heading 23 "Results" halfway down the page:

"56 blood components could not be accounted for. 20 components could not be traced by the hospital

146

85, 86 and 87 years respectively). The remaining 22 recipients were offered counselling, testing and where appropriate treatment and their results are presented in detail."

> Again, I'm not going to ask you about the detailed figures, and there is a later set of figures which are -- I'll just read the reference without asking you to look at it. It's NIBS0001295.

What I wanted to ask you about here is just the more general point about failures in documentation, incompleteness of record-keeping, lost records, and the like.

First of all, is there anything in what Dr Bharucha, if she were the author of this report, has set out here that you would disagree with in terms of her observations?

- 17 A. No, no, I don't think so at all. No. No surprises 18 there at all.
- Q. Secondly, this was obviously being done in 1995 and 19 20 1996. Had there been any earlier attempts in Northern 21 Ireland to carry out audits, for example, of 22 record-keeping in hospital blood banks and in 23 hospitals more broadly in Northern Ireland? Just to
- 24 see what the standard of record keeping was?
- 25 A. There may well have been, but I can't remember any

148

(37) Pages 145 - 148

1 detail, no. I remember there were guidelines issued (4.31 pm) 2 about record-keeping in general, urging hospitals to 2 (A short break) 3 review their record-keeping, but I can't remember. 3 (4.50 pm) 4 I don't think NIBTS would really have been involved in 4 MS RICHARDS: Dr McClelland, I have just a handful of 5 5 that. It was a lot easier for -- I'm not saying we further questions for you. First of all, when in 6 were in any way perfect, but there were a lot more 6 late 1982 or in the course of 1982 you became aware 7 7 from reading US reports of the likely connection opportunities for error and failure to trace, and so 8 on, at the hospital level than at the Transfusion 8 between blood and blood products and AIDS, do you 9 Centre level. 9 recall having any specific discussions with Dr Mayne 10 about the implications of that in terms of the use of 10 MS RICHARDS: Sir, those are my questions for 11 11 Dr McClelland. If we could take, however, a further US imported factor concentrates? 12 break now to see what questions CPs might want to 12 A. Yes, as I said, Dr Mayne I saw on a very regular basis, almost weekly basis, and yes, it certainly 13 13 suggest. 14 SIR BRIAN LANGSTAFF: Do you have any sense how long you 14 would have been a topic of conversation. With regard 15 to implications for blood products, yes, I mean, 15 might need? MS RICHARDS: I'm afraid, I don't, sir. I'd certainly ask 16 Dr Mayne was supportive of the Scottish link-up and 16 17 17 for 20 minutes. It might be I need longer but I -therefore -- you know, the -- which involved the use 18 SIR BRIAN LANGSTAFF: Well, shall we say not earlier than 18 of NHS products, and obviously the advantage of that 19 19 20 minutes from now, so you have at least 20 minutes was a lower risk of infected --20 20 but if you're back by then, we'll see. When we are as transfusion-transmissible infection. 21 ready to start as soon as after that as we can, we 21 I can't really be more specific than that. 22 shall. 22 Q. Okay. 23 MS RICHARDS: Thank you, sir. 23 Now I asked you about the arrangements in 24 SIR BRIAN LANGSTAFF: So, until 4.50 pm, maybe later, if 24 relation to commercial concentrates, how they were 25 you keep on getting questions. 25 ordered and provided, and your evidence, or your 149 150 1 recollection was that the change from December 1984 1 I understand it, is that this is incorrect; commercial 2 onwards did not apply to factor concentrates, 2 material was not ordered through the Regional Blood 3 3 commercial concentrates, which continued to be ordered Transfusion Centres? 4 and supplied directly by the Haemophilia Centre. 4 A. No, it was not ordered through the Regional Blood 5 Can I just ask you to look at one document in 5 Transfusion Centre, no. After ordering the product, 6 6 relation to that, which we didn't look at earlier. the commercial Factor VIII products, the invoices 7 BHCT0000503. 7 would have been forwarded to the Transfusion Centre. 8 You'll see the date of this document is 8 if you like, or/stroke the Eastern Board finance 9 1 August 1985. If we go to the next page first of 9 department, for payment. But no, they would not have 10 all, you'll see this is in fact the first page, and 10 been ordered by us. it's about Factor VIII usage by the Northern Ireland 11 11 Q. Thank you. We can take that down. Thank you. 12 Haemophilia Reference Centre. We understand this to 12 Next question on a different topic, were the 13 be a document authored by Dr Mayne. 13 Northern Ireland Blood Transfusion Services, donor 14 If we go back to the first page, it's the second 14 recruitment and donor exclusion policies and practices 15 page of the document but the first on our system, just 15 subject to inspections by SNBTS or the PFC? if we could look at the first paragraph, halfway down 16 16 A. I can't remember. I would -- I can't remember 17 that paragraph there's a sentence that reads: 17 exactly. But I would imagine that during some or all 18 "From December 1984 all commercial material and 18 of those audits, there would have been some checks

that we looked at from 1989, your recollection, as A. Yes, that was really all sent to PFC. Yes. 152

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made on our donor selection policies to check that

they were in compliance with the Scottish policy.

plasmapheresis -- and this is in the period prior to

your move in the '90s to the new building -- was that

Q. Then the plasma that was collected via

sent to PFC?

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NHS material has been ordered by us through the

Regional Blood Transfusion Service, to enable at long

Now, as I understand your evidence earlier,

Dr McClelland and, indeed, I think the later document

151

last a regional budgeting system for the haemophilic

population of Northern Ireland."

(38) Pages 149 - 152

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- Q. Were any additional tests such as ALT or other tests 1 2 done for plasmapheresis donations?
- 3 Well, not related to infection -- transmissible 4
 - infection. There were no additional tests. Any
- 5 additional tests would have been related to the
- 6 particular reason for, like antibody or measurement or
- 7 something. But not related to safety transfusion,
- 8 transmissible infection, et cetera.
- 9 Q. What was your understanding as to the reasons for the increased rates of hepatitis B amongst the military? 10
- 11 A. Oh, ha! I don't know. I mean, I suppose in
 - Northern Ireland the evidence was that the native
- 13 population, if you like, had a particularly low
- 14 incidence. But I think it would be speculation for me
- 15 to say what the reasons might be.
- 16 **Q.** Given the fact that homosexuality in the military
- 17 remained illegal until 2000, what consideration, if
- 18 any, was given to the particular risks of continuing
- 19 collections from the military, particularly given the
- 20 fact that hepatitis B and HIV had similar transmission
- 21 routes?

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- 22 A. Um, there were -- we were selective to some extent
- 23 with military sessions in that certainly if a regiment
- 24 or whatever had been abroad in the recent past.
- 25 certainly in the -- six months to a year, I can't

153

- 1 soldier -- or all the barracks and units within
- 2 Northern Ireland, or running some specific leafleting
- 3 sessions for military donors?
- A. There weren't specific leaflets for military donors, 4
- 5 I don't think.
- 6 Q. But in relation to the general AIDS leaflet, was any
- 7 thought given to trying to ensure, other than at
- 8 ordinary donor sessions, that that leaflet was made
- 9 available, for example by providing it to the military
- 10 institutions from which you might then seek donations?
- You are referring to the AIDS leaflet --11
- 12 Q. Yes.
- A. -- for blood donors? 13
- Q. Yes. 14
- 15 A. So -- sorry, I'm not sure that I fully understand.
- I don't think -- I don't think we did provide any 16
- 17 additional information.
- 18 Q. The thrust of the question was this, Dr McClelland,
- 19 let me put it in a better way, I hope: you told us
- 20 earlier that, for quite a prolonged period of time
- 21 after the leaflet was first introduced, it was simply
- 22 left at the donor sessions for the reasons you've
- 23 already told us.
- 24 A. Yes.
- 25 Given that there was potentially a high risk from

155

remember exactly, we would not have gone to those 2 centres. But with regard to the specific point you 3 made, yes, it's probably a valid point that some

consideration might have been made.

Q. Completely different issue now.

6 We were looking earlier at documents relating to 7 the notification of cases of transfusion-associated 8 hepatitis. And you may recall one of the documents, 9 I think probably one of the ones authored by 10 Dr Bharucha, said that notifications from general 11 practitioners were rare. Was any thought given to 12 running some kind of awareness-raising campaign for

- 13 GPs in relation to that particular problem?
- A. I can't remember any campaign specifically for GPs. 15 I think one of those documents that was shown, I think
- 16 maybe does refer to -- or it was a letter, my letter
- 17 to Dr Gunson regarding an expectation that the numbers
- 18 might increase, and I think that probably followed
- 19 communication that went out from the Eastern Board at
- 20 our urging, that doctors should be encouraged to
- 21 start -- to notify these cases. I don't know if GPs
- 22 were included in that. They could well have been. 23 Q. And then, given the Transfusion Service's reliance
- 24 upon military donations, was thought ever given to
- 25 providing the AIDS leaflet directly to every

154

- 1 military donors, that the -- the question was really
- 2 whether steps could have been taken to at least
- 3 highlight the risks of donation to the military by,
- 4 for example, delivering a load of the leaflets to the
- 5 various barracks, and so on, within Northern Ireland.
- 6 A. Yes. I think we may have done the same where we would
- 7 have done for workplace sessions, where we would have,
- 8 and I'm fairly sure we did, deliver leaflets in
- 9 advance to the local contact or organiser, the
- 10 leaflets for distribution or distribution in whatever
- 11 was appropriate way. I think we would have done the
- 12 same with the military as that. But I'm not
- 13 completely certain.
- MS RICHARDS: Thank you. 14
- 15 Sir, those are the additional questions I'm
- 16 proposing to ask from those suggested by
- 17 Core Participants. I'm just going to see whether
- 18 Dr McClelland's legal representatives have any
- 19 questions. No.
- 20 SIR BRIAN LANGSTAFF: Well, I have no questions of my own.
- 21 MS RICHARDS: Dr McClelland, is there anything you would
- 22 wish to add?
- 23 THE WITNESS: Um, just two things very quickly. Just
- 24 I hope my evidence has been of some little bit of help
- 25 at least in respect of the position in Northern

156

(39) Pages 153 - 156

The Infected Blood Inquiry

1 February 2022

1	Ireland and, secondly, just to the infected and	1	between now and Easter, and then the hearing plans for
2	affected, I just hope at the end of this marathon	2	the rest of the year, will be published on the
3	process that some of the questions they've been asking	3	Inquiry's website, I'm told, imminently.
4	for so long will be answered, they will get answers to	4	SIR BRIAN LANGSTAFF: Yes, I think people will see that we
5	those. That's all.	5	have a full year in anticipation, though we remain
6	MS RICHARDS: Sir Brian.	6	determined to finish as soon as we reasonably can,
7	SIR BRIAN LANGSTAFF: Well, certainly your evidence has	7	consistent with reasonable thoroughness.
8	been of help to us. We have a better and fuller	8	Until tomorrow until Thursday
9	understanding of the way in which the Northern Irish	9	MS RICHARDS: Thursday.
10	service was run and structured and, although you've	10	SIR BRIAN LANGSTAFF: ten o'clock.
11	struggled with some memories going back as long as you	11	MS RICHARDS: Thank you, sir.
2	have, you haven't complained about that at all, and	12	(5.05 pm)
13	I just want to thank you for trying, and thank you for	13	(The hearing adjourned until 10.00 am on Thursday)
4	your staying power in lasting until 5 o'clock this	14	
15	evening from starting at 10, so thank you very much	15	
16	for that, and for your evidence.	16	
17	MS RICHARDS: Sir, the Inquiry now won't be sitting	17	
8	tomorrow, because we've managed to complete	18	
9	Dr McClelland's evidence today.	19	
20	SIR BRIAN LANGSTAFF: So looking ahead, then?	20	
21	MS RICHARDS: Looking ahead, on Thursday we will be	21	
22	hearing from Dr Gabra and on Friday from Dr Boulton.	22	
23	SIR BRIAN LANGSTAFF: Yes.	23	
24	MS RICHARDS: I'm asked to mention, sir, that an update	24	
25	about the Inquiry's timetable, both for the hearings	25	
	157		158

INDEX

WILLIAM MORRIS McCLELLAND (affirmed)	2
Questioned by MS RICHARDS	2

159 (40) Pages 157 - 159

		18 years [1] 83/15	1989 [2] 68/17 151/25		54,000-odd [1] 14/18
MS RICHARDS: [21]	Yes [1] 60/21	184 patients [1] 83/18		53/22	56 [1] 146/24
2/7 43/15 44/7 61/8		19 [1] 43/12	1991 [2] 136/15	26 sessions [1] 16/16	37,462 [1] 15/4
82/25 83/8 124/18	0	1970 [2] 83/15 84/25	136/15	27 [2] 79/25 142/23	6
127/9 131/23 149/10	002 [1] 119/22	1970-1987 [1] 83/13	1992 [1] 7/8	3	6,000 [2] 15/8 52/6
149/16 149/23 150/4	007 [1] 94/10	1970s [3] 48/6 74/19 115/23	1993/1994 [1] 26/4 1994 [3] 4/10 4/10	3 females [1] 147/25	60 [1] 81/18
156/14 156/21 157/6	024 [1] 68/16	1972 [2] 84/11 84/20	26/4	3 March 1987 [1]	62,283 [2] 23/6 24/10
157/17 157/21 157/24	090 [1] 53/20	1974 [1] 14/18	1995 [8] 6/12 33/23	134/12	63 [1] 113/12
158/9 158/11	1	1975 [1] 84/13	78/14 141/6 145/3	3 September 1981 [1]	
SIR BRIAN		1977 [2] 102/25	145/8 145/23 148/19	49/12	64 components [1]
LANGSTAFF: [30]	1 April 19 [1] 43/12	105/19	1996 [1] 148/20	3,086 [1] 21/10	147/15
1/3 1/6 1/8 1/14 1/16	1 April 1988 [1] 134/25	1978 [6] 2/12 3/9 5/5	1998 [2] 143/12	3,253 [1] 21/11	64,135 [1] 17/1
1/19 43/17 44/2 44/6	1 August 1985 [1]	36/24 86/6 86/24	143/15	3,473 [1] 18/7	64,766 [1] 24/10
60/3 60/18 60/25 83/3 125/6 125/10 126/12	151/9	1979-1983 [1] 24/4	1999 [1] 31/6	3,531 [1] 15/10	66,401 [1] 8/22
126/22 127/1 127/8	1 February 2002 [1]	1980 [17] 3/12 4/5	1st April [1] 41/21	3-4 years [1] 132/16	67 [1] 87/25
131/15 131/22 149/14	1/1	4/22 5/5 6/10 8/4	1st April 1981 [1]	3.21 [1] 127/5	7
149/18 149/24 156/20	1 January 1985 [2]	13/14 14/9 14/20	45/3	3.45 [4] 125/13 127/3	
157/7 157/20 157/23	69/11 71/8	14/22 23/16 36/24	1st December 1984	127/3 127/7	7,000 litres [1] 40/22
158/4 158/10	1,000 [1] 122/13	40/16 40/17 84/25	[1] 67/13	3.50 [1] 125/13 3.54 [1] 131/19	70ml [1] 81/18 70s [3] 111/7 111/11
THE WITNESS: [8]	1,210 [1] 15/8	86/24 95/21	2		111/25
1/5 1/7 1/11 1/15 1/18		1980, doing [1] 86/6 1980-1983 [1] 97/19	2,432 [1] 23/13	3.57 [1]	l .
44/1 127/4 156/23	1.00 [1] 83/5	1980s [7] 25/13 71/18		30 years [1] 146/7	75-80 [1] 82/16
ŧ	1.3 million IU [1] 52/6	77/17 115/20 115/21	2,918 [1] 18/6	3000 [1] 78/1	758 [1] 16/23
	10 [4] 33/13 39/8 78/4	143/20 144/21	2.00 [3] 83/4 83/4 83/7		
' 69 [1] 5/16	157/15	1981 [14] 6/24 16/5	2.a [1] 89/20	31 December 1981 [1]	8
' 70s [4] 11/3 36/25	10 per cent [1] 142/6 10,000 [1] 115/23	16/8 32/20 41/22	20 [2] 90/4 149/17	16/8	80 [2] 82/16 82/20
37/4 74/24 '71 [1] 2/17	10.00 [3] 1/2 126/3	44/15 45/3 46/3 49/3	20 components [1]	31 December 1983 [1]	
'71 to [1] 2/17	158/13	49/10 49/12 51/17	146/25	21/24	111/7 111/25
'72 [2] 2/17 2/19	100 [1] 60/14	54/6 57/6	20 minutes [3] 126/16		81 [1] 45/3
'72 to [1] 2/19	100 or [1] 1/24	1981/82 [1] 113/17	149/19 149/19	34 [1] 18/20	82 [1] 113/17
'75 [2] 2/19 2/23	100 per [1] 57/4	1982 [21] 18/17 18/19		36 [1] 147/1	85 [2] 60/10 148/1 86 [1] 148/1
'78 [2] 2/23 86/10	100 per cent [1] 59/22	22/21 33/8 53/22	82/20	38 [1] 16/9	87 [2] 81/13 83/22
'78 just [1] 86/10	102 [1] 17/23	55/24 56/19 57/1 57/2 84/4 84/5 84/14 84/20	20,000 [1] 115/25 20,425 [1] 14/13	4	87 years [1] 148/1
'80 [1] 39/11	106 [1] 20/7	85/17 90/3 90/9	200,000 units [1] 39/7	4 March [1] 46/3	
'80s [8] 11/3 31/25	108 [2] 14/4 21/5	113/19 114/18 122/16		4 September [1] 50/8	9
32/15 32/15 36/6	11 [1] 96/6	150/6 150/6	2001 [1] 139/24	4.30 [3] 125/4 125/14	9,338 [1] 20/13
78/21 81/10 103/6	11 March 1981 [1]	1983 [16] 21/22 21/24		126/14	90s [2] 111/9 140/16
'81 [1] 39/11	46/3 11 patients [1] 84/20	22/22 23/16 24/4	142/25 143/15	4.31 [1] 150/1	95 [1] 23/3
'81 we [1] 39/11 '82 [2] 75/12 114/21	11.19 [1] 44/3	24/11 89/4 94/16	2009 [2] 4/11 4/22	4.50 [1] 150/3	96,309 [1] 14/9
'82/beginning [1]	11.50 [3] 43/19 44/2	97/19 109/1 110/24	21 [1] 24/1	4.50 pm [1] 149/24	Α
114/21	44/5	117/9 118/24 121/8	22 May 1984 [1] 58/14	41 [2] 8/6 115/16	
'83 [2] 75/12 114/21	110 [1] 103/22	123/9 123/22	22 recipients [1]	45 minutes [3] 124/20	A, [6] 00/0 92/0 92/12 94/17 95/6 98/9 98/14
'85 [1] 124/15	110Ā [1] 103/21	1984 [16] 23/24 23/25	148/2	124/21 125/11	134/24
'86 [3] 81/13 82/19	117 [1] 49/7	25/4 58/14 59/9 64/19	220 IU [1] 52/6 23 [2] 77/8 77/8	5	A, Non [1] 94/17
124/15	12 [1] 126/6	66/8 67/10 67/13 83/23 94/11 94/21	23 February 1981 [1]	5 January 1984 [1]	AABB [1] 113/18
'86/87 [1] 81/13	12 months [2] 105/18	95/21 121/10 151/1	44/15	64/19	abide [2] 108/14
'90s [3] 31/25 78/22	106/12	151/18	23 May 1986 [1] 132/1		137/19
152/23	125 [1] 14/10	1985 [12] 63/6 69/11	23,630 [1] 15/5	157/14	able [11] 13/25 15/14
'91 [1] 137/16	13 [1] 22/8	71/8 95/11 95/12	230 [1] 14/12	5 years [1] 47/16	48/15 48/25 54/12
'96 [1] 141/6 'best [1] 52/3	13 September 1983 [1] 118/24	95/18 119/25 123/9	240,000 iu [1] 41/1	5,080 [1] 15/10	58/20 81/7 99/2 101/3
'best [1] 52/3 'implicated' [1] 93/14	14 October 1985 [1]	127/24 128/24 132/7	25 [2] 21/25 147/23	5,500 kilograms [1]	102/2 122/9
ordinary' [1] 25/2	127/24	151/9	25 January 1985 [1]	23/22	ABO [1] 75/7
other [1] 45/11	14 Regional [1] 35/7	1986 [4] 59/4 82/10	119/25	5.05 [1] 158/12	about [116] 3/17 3/25
'public' [1] 24/6	15 sessions [1] 22/7	95/13 132/1	25 October 1984 [1]	500 [1] 122/13	5/3 7/12 7/19 11/13
to and the same of	15 years [1] 6/3	1986-87 [1] 83/22	67/10	502 [1] 14/12	14/23 17/8 29/15 32/16 34/3 34/5 34/12
SI	16 [2] 95/22 96/6	1987 [5] 82/10 83/13	25 October 1985 [1]	504 patients [1] 83/16 51 years [1] 84/22	36/23 41/14 42/2
-20 [1] 90/4	18 August [1] 49/17	83/15 84/15 134/12	128/24 25 September 1980		43/22 43/23 43/24
	18 months [1] 57/9	1900[1] 104/20			
- 20 [1] 30/4		1988 [1] 134/25	25 September 1980 [1] 40/16	52,866 [1] 14/14	43/22 43/23 4

(41) MS RICHARDS: - about

Α	account [3] 11/9	29/25 46/23 57/12
about [97] 48/6	66/23 72/2	65/24 66/4
51/24 52/6 52/12	accounted [2] 146/24	administratively [1]
57/22 58/17 59/6 60/5	147/16	5/17
61/2 61/11 63/23 64/2	accuracy [1] 51/4	admit [1] 122/22
66/12 66/24 69/14	accurate [1] 146/22	admitted [1] 70/9
71/8 72/1 73/4 73/14	achieve [4] 6/6 22/25	adopt [1] 81/15
73/15 78/4 78/24	37/20 65/17	adopted [8] 30/16
79/13 79/20 81/18	achieved [1] 78/3	30/20 31/2 36/19
82/21 83/9 83/20	achieving [3] 28/15	37/10 81/14 105/22
35/18 86/11 87/22	79/21 80/9	120/5
88/5 88/6 88/10 88/15	acquired [4] 24/15	advance [7] 65/13
88/17 88/23 93/10	69/7 98/3 116/3	65/24 66/4 73/15
99/7 99/15 100/15	across [4] 34/14	123/3 129/14 156/9
102/12 103/20 107/24	133/7 139/20 143/6	advanced [1] 56/21
108/12 108/15 110/14	Act [1] 54/9	advantage [2] 113/3
111/2 111/18 112/6	acting [1] 104/2	150/18
112/9 113/9 113/15	action [4] 92/15	advantages [2] 29/3
113/19 115/2 119/22	116/18 129/11 143/4	91/11
120/6 121/8 121/24	active [1] 32/9	advent [1] 120/22
123/14 123/15 123/19	actively [1] 89/13	advice [4] 45/5 48/8
124/14 124/20 125/11	activities [1] 111/17	108/5 136/22
126/14 127/10 127/21	activity [1] 118/9	advised [2] 55/7 90/1
127/23 128/20 129/2	actual [10] 27/16	advisers [1] 48/10
132/14 133/15 134/5	49/22 53/17 63/22	advisory [11] 31/15
135/15 135/20 136/7	64/2 69/12 71/15	31/17 40/8 44/8 44/14
136/11 137/6 137/17	113/2 123/11 127/15	57/5 105/20 127/15
137/17 138/15 140/15	actually [25] 1/11	136/21 139/14 139/16
141/18 142/8 142/19	5/16 7/7 8/14 11/5	affected [4] 11/3 31/4
143/16 145/1 148/5	13/24 18/10 27/19	54/9 157/2
148/9 148/10 149/2	52/14 56/20 57/9 63/8	affirm [1] 2/1
150/10 150/23 151/11	75/22 79/5 79/6 81/3	affirmed [2] 2/5 159/3
157/12 157/25	82/18 90/12 95/9 99/2	afraid [5] 25/7 106/3
ibove [2] 80/10	113/8 129/20 129/23	138/22 142/19 149/16
141/20	130/4 134/4	after [26] 2/17 11/24
abroad [1] 153/24	acute [7] 12/5 83/17	20/20 20/22 20/25
ibsence [5] 20/25	83/19 83/21 83/22	33/24 36/19 37/17
93/15 96/12 98/1	84/19 84/24	40/16 41/21 43/2
135/18	add [3] 94/20 123/24	43/12 43/16 49/2
	156/22	84/20 85/1 98/11
absolute [1] 35/11	added [1] 7/4	100/5 119/20 125/13
absolutely [3] 28/7	addition [6] 7/5 54/14	125/14 125/22 128/14
104/14 127/21	76/9 82/6 91/22	149/21 152/5 155/21
abuse [2] 118/9	144/20	Ag [1] 55/19
118/10	additional [12] 20/2	again [22] 8/23 12/8
AC [1] 45/3	27/4 29/11 57/23	12/24 13/7 15/2 18/2
accept [4] 51/4	57/25 116/1 118/19	20/4 20/9 21/7 21/21
106/10 106/11 106/15	153/1 153/4 153/5	23/6 30/8 39/9 92/11
acceptance [1] 104/5	155/17 156/15	95/5 100/23 111/15
accepted [9] 6/9	additive [4] 81/13	113/11 124/2 124/10
55/11 66/21 73/18	81/19 82/1 82/5	145/3 148/5
81/6 95/12 95/18	addressed [2] 139/13	against [2] 24/10
105/6 105/17	147/11	130/24
access [6] 19/18	addresses [1] 70/18	age [2] 20/14 20/19
46/14 50/18 136/22	adequate [2] 50/18	aged [2] 84/22 147/25
137/23 137/25	50/25	agencies [3] 32/17
accommodate [1]	adjourned [1] 158/13	71/6 72/14
125/2	Adjournment [1] 83/6	agency [6] 4/13 4/17
accord [2] 25/12	admin [1] 121/23	4/19 5/1 33/16 57/15
25/15	administration [3]	agenda [1] 139/15
accordance [1] 145/5	5/19 57/13 140/3	agent [4] 70/5 113/25
according [1] 20/24	administrative [5]	agent [4]
	aนเกเกอนสนุขะ [J]	114/22 113/1
		İ

agents [7] 69/18 69/21 70/8 70/15 71/11 71/12 71/17 ago [7] 7/20 41/7 111/3 116/15 120/7 132/16 133/1 agree [4] 98/23 99/5 99/6 99/9 agreed [8] 45/12 45/19 51/6 67/12 98/25 134/22 135/8 140/25 agreed that [1] 45/12 agreement [1] 57/7 **Ah [1]** 1/6 ahead [5] 138/9 138/10 138/10 157/20 157/21 AIDS [31] 24/16 24/19 29/7 65/4 110/4 112/8 113/9 113/10 113/14 113/15 113/20 114/10 114/22 115/2 115/10 117/4 118/5 119/3 120/2 120/6 120/17 121/2 121/5 123/14 123/15 123/25 124/14 150/8 154/25 155/6 155/11 aim [1] 22/24 air [1] 56/8 albeit [2] 35/9 42/25 albumin [9] 15/7 15/8 17/18 41/3 60/17 63/12 68/10 71/5 133/4 **albuminoid** [1] 23/1 **Aldwych [1]** 1/20 Aldwych House [1] 1/20 all [73] 5/3 8/19 8/24 10/17 13/4 13/19 14/1 15/3 16/24 19/7 19/16 22/25 24/7 27/1 43/19 46/18 46/21 47/24 47/25 52/17 56/15 58/21 58/23 60/11 61/18 61/21 64/15 66/8 66/14 67/13 68/5 69/18 69/21 70/5 70/7 70/8 70/15 71/12 78/23 78/25 84/11 88/24 89/14 92/1 95/8 100/11 100/15 100/17 101/2 102/12 102/15 118/2 120/6 124/17 126/23 128/20 136/21 136/22 140/10 141/8 142/19 146/14 148/13 148/17 148/18 150/5 151/10 151/18 152/17 152/25 155/1 157/5 153/10

157/12 allocated [1] 27/5 allocation [1] 39/12 allow [1] 125/15 allowed [1] 18/14 allowing [1] 78/15 allows [1] 19/19 alluded [1] 29/10 almost [8] 31/3 109/6 109/10 111/25 130/11 130/14 139/3 150/13 alone [1] 55/5 along [5] 91/9 102/7 107/1 107/3 123/8 alongside [2] 79/18 92/10 alphabetic [1] 103/8 already [15] 43/22 50/5 54/10 54/17 55/1 55/5 82/15 82/15 116/3 118/9 124/8 129/8 138/14 138/16 155/23 also [37] 2/22 3/3 3/6 5/23 10/8 10/10 12/13 25/23 25/24 26/21 32/11 33/5 34/19 35/24 37/25 38/2 39/17 39/18 42/12 54/8 60/22 62/12 63/3 74/12 78/22 78/24 79/10 88/11 91/8 101/17 110/20 113/17 124/8 128/3 130/16 134/4 136/23 ALT [8] 90/5 91/17 92/4 92/11 92/16 93/15 135/4 153/1 alternatives [1] 10/6 although [14] 7/23 18/9 27/13 29/9 42/23 52/16 54/13 54/15 55/21 85/10 97/6 106/20 147/22 157/10 Altogether [1] 22/7 always [10] 6/2 36/20 57/24 73/12 79/4 101/22 113/4 133/5 136/19 138/8 am [15] 1/2 40/19 41/8 41/8 44/3 44/5 65/2 65/4 95/8 106/2 112/9 113/9 120/17 129/6 158/13 amending [2] 123/19 123/23 American [1] 113/18 among [6] 11/13 88/4 97/21 99/3 111/22 147/21 amongst [2] 88/14

amount [16] 3/2 18/9 23/16 39/4 42/25 52/16 52/20 59/17 61/17 61/21 62/13 74/11 77/5 78/8 109/10 141/24 amounts [2] 41/3 67/2 an annual [1] 32/10 an appointment [1] 141/2 an appropriate [1] 28/12 an effect [1] 11/15 An ELISA [1] 84/15 an external [1] 32/19 an idea [1] 14/16 an important [2] 27/10 28/17 an interim [1] 115/9 an issue [1] 28/11 an SNBTS [1] 118/24 an update [1] 157/24 anaesthetic [1] 98/12 analysis [1] 95/20 announced [1] 145/23 annual [13] 7/16 8/2 14/19 16/7 18/19 21/23 23/25 32/10 35/25 36/17 73/8 83/18 108/18 annum [3] 78/2 115/23 116/1 another [2] 124/20 126/14 answer [6] 38/18 77/10 109/12 127/14 134/7 141/12 answered [2] 125/19 157/4 answers [6] 1/25 72/13 103/16 110/21 124/6 157/4 ante [1] 13/5 ante-natal [1] 13/5 antenatal [1] 75/2 anti [16] 12/23 17/19 47/1 75/11 76/10 77/11 90/5 91/17 91/23 91/23 92/4 92/7 92/10 105/5 124/19 129/5 anti-core [1] 92/7 anti-D [6] 12/23 17/19 47/1 75/11 76/10 77/11 anti-HBc [4] 90/5 91/17 91/23 92/4 anti-HBs [2] 91/23 92/10 anti-HBsAg [1] 105/5 anti-HTLV III [1] 129/5 anti-HTLV-III [1]

(42) about... - anti-HTLV-III

Α
anti-HTLV-III [1]
124/19
antibodies [1] 75/8 antibody [6] 75/3
75/14 132/7 132/11
132/21 153/6
anticipated [3] 54/19
141/13 146/1
anticipating [1] 95/10 anticipation [1] 158/5
antigen [5] 13/6 48/2
83/17 84/3 85/4
anxious [2] 51/22 65/4
any [93] 1/23 24/22
26/18 26/19 28/5 28/8
29/10 29/11 31/11
31/23 32/1 34/6 34/10 34/24 36/3 38/15
40/23 41/16 41/25
46/15 47/7 48/14 51/1
52/19 52/19 53/17
59/5 63/14 63/16 64/1 66/12 66/23 68/25
72/14 72/17 73/4
73/16 73/25 74/21
75/25 76/21 79/8 80/2 85/12 85/12 87/20
87/21 95/24 96/13
96/18 98/21 100/18
100/18 100/20 100/22
107/6 116/22 117/20 118/4 118/5 120/14
123/1 124/3 127/11
127/15 127/18 127/22
128/5 129/7 130/20 132/10 132/19 133/25
136/4 136/12 137/20
143/18 145/6 146/21
147/3 148/20 148/25
149/6 149/14 150/9 153/1 153/4 153/18
154/11 154/14 155/6
155/16 156/18
anybody [2] 64/8 116/18
anyone [8] 27/22
43/21 49/6 106/11
115/6 115/11 115/13 116/16
anything [15] 29/14
31/4 34/10 43/22
43/23 43/24 47/7 51/2
106/8 107/24 122/6 123/7 127/16 148/13
156/21
anyway [2] 52/19
125/12
anywhere [2] 122/13 129/22
·

Apart [1] 137/19 apheresis [4] 77/13 78/15 79/2 79/6 apologise [1] 94/18 apparent [3] 16/3 49/14 52/17 apparently [3] 95/22 97/17 109/19 appear [3] 70/19 90/7 121/6 appeared [3] 87/18 114/1 114/12 appearing [2] 87/9 113/23 appears [3] 57/8 58/14 119/16 appendix [2] 14/6 142/24 applied [6] 53/13 63/19 73/23 74/25 77/20 78/25 applies [2] 58/23 63/12 **apply [7]** 29/14 45/14 67/22 68/12 73/23 81/22 151/2 appoint [1] 140/17 appointed [4] 7/9 140/23 141/2 141/5 appointment [4] 3/19 13/17 26/18 141/2 approach [14] 35/18 37/4 46/24 47/12 47/12 47/13 108/6 108/14 116/24 118/22 120/4 121/20 122/4 136/4 appropriate [13] 28/12 30/19 56/17 58/3 67/2 67/6 99/23 116/24 118/1 118/21 143/3 148/3 156/11 approval [6] 26/20 29/12 29/14 41/8 136/21 140/17 approved [5] 65/23 66/3 135/21 135/25 141/1 approximately [1] 40/22 **April [5]** 41/21 43/12 45/3 134/25 145/23 **April 1995 [1]** 145/23 are [75] 1/9 1/9 1/14 1/23 12/4 12/20 15/12 15/14 20/5 24/18 24/23 25/23 35/14 44/13 45/20 50/3 51/24 52/2 53/20 53/23 58/4 59/3 66/10 as [220] aside [2] 28/18 59/5 69/19 70/10 71/13

79/13 79/15 83/13

89/13 89/16 89/17 89/24 89/25 90/4 90/5 91/23 92/2 92/16 92/17 93/18 94/12 97/20 98/16 103/1 103/24 104/16 106/9 106/11 106/15 112/18 120/9 120/24 121/1 130/18 132/9 132/13 132/16 132/17 132/19 134/12 139/22 141/10 143/14 146/22 147/6 147/17 147/19 147/20 148/3 148/7 149/10 149/20 155/11 156/15 area [10] 50/4 50/23 53/3 64/13 66/22 73/17 101/16 101/19 106/3 124/17 areas [2] 11/2 11/8 argument [3] 110/25 111/1 133/24 arise [1] 125/17 arm [1] 112/15 army [3] 111/9 111/11 111/22 around [18] 1/24 26/3 28/11 38/15 49/2 57/8 57/17 82/10 91/13 105/19 115/23 121/7 126/14 128/4 130/4 141/9 144/4 144/14 arranged [1] 102/6 arrangement [32] 6/1 22/15 26/23 39/9 39/10 44/9 46/21 46/22 53/11 56/20 57/8 57/9 58/6 59/16 61/23 62/5 63/11 63/17 65/9 65/10 65/14 65/21 66/2 66/3 67/22 67/25 68/7 68/11 68/12 68/13 70/25 72/4 arrangements [28] 7/14 12/25 20/5 26/21 27/8 34/20 43/16 45/8 49/18 50/2 54/2 55/10 56/11 56/12 61/9 61/12 62/20 63/6 63/22 67/17 68/4 68/10 68/21 71/13 75/9 99/20 138/15 150/23 arranging [1] 11/10 arrived [1] 119/20 arrives [1] 104/16 article [4] 83/10 83/11 83/14 95/11

7/12 14/23 16/4 23/23 attaining [1] 36/18 32/16 34/12 49/8 attempt [1] 35/8 52/24 52/25 58/17 61/11 69/14 74/15 79/20 83/8 89/1 94/7 99/14 106/24 108/15 111/2 112/6 112/9 113/9 115/2 115/12 125/6 125/16 125/19 127/9 128/22 129/6 131/3 132/14 133/15 141/18 142/23 143/16 145/1 146/8 148/5 148/9 149/16 151/5 156/16 asked [18] 13/17 43/22 43/23 75/3 80/1 107/1 107/3 112/22 115/6 115/17 116/5 116/15 116/15 126/15 129/20 138/14 150/23 157/24 asking [6] 7/15 60/4 115/13 126/18 148/8 157/3 asks [2] 107/19 129/10 aspect [2] 3/1 10/21 aspects [11] 5/21 13/11 13/19 14/1 14/2 14/3 39/25 100/5 100/11 116/21 142/22 aspiration [1] 27/18 **assays** [1] 137/25 **Assembly [1]** 31/6 assessed [2] 107/9 110/8 assessing [3] 101/2 117/25 138/25 assessment [3] 20/16 101/6 112/20 assist [4] 15/15 20/10 85/15 131/13 associate [2] 100/4 100/10 associated [9] 89/3 89/8 93/21 94/12 96/2 98/22 113/16 134/18 154/7 Association [1] 113/18 assume [3] 46/17 88/20 136/22 assumed [2] 42/10 129/17 assuming [1] 135/3 assumption [1] 39/21 assurance [1] 54/14 assured [1] 101/22

attached [2] 67/14

attacks [1] 89/16

67/20

ask [48] 2/1 2/2 5/3

attempts [1] 148/20 attend [1] 9/3 attendance [2] 7/7 139/25 attendances [1] 121/25 attendant [3] 101/13 104/11 104/22 attendants [6] 7/10 7/12 100/20 101/2 112/10 124/9 attended [5] 8/24 34/15 34/21 35/25 136/1 attendees [1] 44/17 attending [1] 14/13 attention [1] 97/12 attitude [1] 82/14 attractions [1] 46/22 attributed [1] 98/7 audience [1] 1/25 audits [2] 148/21 152/18 augmented [1] 77/24 August [8] 2/12 3/9 49/17 53/22 55/24 56/19 56/25 151/9 August 1978 [2] 2/12 August 1982 [1] 55/24 author [2] 83/13 148/14 authored [4] 66/7 89/4 151/13 154/9 Authorities [3] 31/24 35/7 143/5 **Authority** [1] 41/7 automatic [2] 120/23 123/4 autonomy [1] 35/10 **Autoplex [1]** 69/25 autumn [2] 123/8 136/14 availability [4] 42/3 77/18 81/13 82/13 available [16] 5/4 24/22 28/10 41/13 74/13 76/1 76/5 77/16 81/12 81/12 106/4 119/14 137/11 141/22 142/1 155/9 average [1] 52/7 avoided [1] 141/14 await [2] 136/20 145/14 awaited [1] 51/20 awaiting [1] 41/8 award [1] 32/13 aware [31] 37/3 39/13

40/1 40/4 40/21 46/18 51/1 65/8 65/10 65/12 65/13 65/15 73/16 73/19 86/9 87/14 87/18 88/8 109/14 111/20 113/22 117/23 117/23 120/16 121/17 124/1 128/3 128/6 128/16 132/10 150/6 awareness [1] 154/12 awareness-raising [1] 154/12 away [3] 52/8 52/19 133/9 В

baby [1] 114/15 back [38] 11/20 12/7 12/24 13/7 20/4 21/21 22/24 33/12 34/1 35/21 42/4 42/6 43/18 60/14 72/7 83/4 84/5 87/3 91/9 100/3 106/20 110/18 115/15 116/11 126/3 131/7 142/2 143/20 144/21 145/2 145/4 145/6 145/8 145/12 146/11 149/20 151/14 157/11 background [1] 5/12 backing [1] 143/24 bacteriology [1] 2/22 bank [8] 12/22 14/25 21/7 23/11 70/3 88/7 147/1 147/7 banks [9] 80/13 80/20 113/19 129/4 129/8 130/10 138/20 146/4 148/22 barely [1] 50/25 barracks [3] 11/20 155/1 156/5 based [9] 2/20 2/24 3/19 48/21 53/15 77/17 107/9 112/20 118/3 Baseline [1] 68/19 basic [2] 104/17 104/19 basically [5] 41/8 50/3 53/18 81/17 103/11 basis [20] 22/24 26/25 32/10 49/24 52/3 53/12 66/19 66/19 66/21 69/13 88/17 92/4 93/3 93/11 107/9 110/9 115/9 142/15 150/13 150/13

(43) anti-HTLV-III... - batches

batch [2] 132/19

batches [1] 128/11

132/21

	I				
В	132/17 132/18 132/24	blood/blood [1] 89/21		107/11 108/14 113/2	133/14 134/13 136/13
be [193]	133/6 137/6 140/5	blood/red [1] 80/6	68/20	114/20 116/16 117/4	138/4 138/18 139/6
be in [1] 111/18	146/16 147/11 148/19 Belfast [30] 1/9 1/12	BMJ [2] 40/3 41/24	broaden [1] 3/22	125/14 126/5 128/13 137/19 138/6 139/20	139/10 139/24 141/21 142/2 142/19 142/23
Bearing [1] 57/5	2/20 5/7 5/14 14/10	board [37] 4/19 4/25 5/1 7/17 8/3 26/1 26/2	broader [1] 74/21 broadly [5] 17/21 36/4	140/6 141/11 141/23	143/4 143/6 143/18
bears [1] 70/15	14/12 14/13 14/14	26/5 26/6 26/11 26/12	47/6 61/8 148/23	142/8 142/8 143/21	147/15 149/21 151/5
became [16] 4/5 5/5	14/14 22/11 36/1	26/13 26/20 27/23	brought [2] 28/24	146/25 147/25 149/20	152/11 158/6
6/22 17/6 24/16 28/25	39/17 49/17 49/23	28/19 29/12 29/25	109/8	151/4 151/11 151/13	can't [50] 16/1 28/2
29/4 35/23 37/17	50/2 50/7 54/6 54/11	30/4 36/2 36/11 36/12	brucellosis [1] 107/2	151/19 152/10 152/15	34/9 36/5 36/23 43/8
37/24 40/4 73/3 76/5	54/16 54/20 55/2 55/8	51/9 57/15 63/21	Bs [1] 94/17	154/9 155/9 156/3	43/10 52/14 60/13
81/12 137/11 150/6 because [30] 17/25	56/5 56/7 60/2 61/10	67/10 70/10 70/17	BTS [5] 55/8 55/16	156/16 159/4	60/24 66/1 91/3 92/25
20/14 24/17 30/19	62/15 108/21 140/6	72/15 73/1 73/8 73/13	72/8 118/16 130/9	by : [1] 143/4	94/2 94/4 102/8 103/6
35/20 38/12 48/14	belief [1] 116/10	74/4 74/5 115/5 138/7	budget [10] 26/6 26/7	by: Health [1] 143/4	106/13 106/17 106/20
48/17 59/21 59/23	believe [5] 46/17	152/8 154/19	26/9 26/10 26/16 63/5	C	107/17 111/23 112/21
60/7 60/14 63/10	95/22 113/16 115/24	Board's [1] 68/18	63/22 71/11 71/20		114/5 114/6 116/19
63/25 65/16 66/18	138/23	boards [2] 27/7 69/12		cabinets [1] 50/22	119/21 123/17 124/10
72/4 79/11 81/21 82/1	benefit [3] 81/4 81/11	bodies [2] 72/14	budgetary [2] 4/18	Californian [1] 114/14	
87/3 87/22 110/5	144/13	72/17	71/9	call [8] 48/13 120/18 120/20 120/23 123/5	130/14 135/11 136/11
128/19 130/16 140/20	benefits [1] 91/15 best [6] 9/24 49/23	bold [1] 70/13 bombings [2] 10/19	budgeting [1] 151/21 budgets [1] 63/21	130/23 139/2 139/7	137/23 138/3 139/6 139/18 139/18 139/20
141/7 144/10 144/12	64/16 86/6 103/15	11/4	building [13] 5/13 6/7	call-up [3] 120/18	139/21 142/13 148/25
157/18	136/22	both [9] 23/2 32/14	6/11 27/12 27/15	120/23 123/5	149/3 150/21 152/16
become [7] 19/25	better [14] 52/4 72/5	45/17 51/15 135/3	27/25 50/19 54/13	called [5] 20/21 21/2	152/16 153/25 154/14
28/10 28/19 28/22	79/1 128/17 139/9	136/1 138/13 146/3	57/23 76/24 78/4 78/7	26/13 120/25 128/12	cancer [1] 107/2
40/1 111/10 121/17	139/19 140/15 142/22	157/25	152/23	came [8] 13/23 37/13	candid [1] 110/21
becomes [1] 41/12 becoming [4] 63/9	143/2 143/12 143/15	bottom [29] 8/7 14/15	built [1] 18/13	40/9 63/5 79/7 91/9	cannot [2] 130/22
63/9 82/9 111/8	143/23 155/19 157/8	17/8 21/6 21/9 21/25	bulletin [1] 114/7	110/16 142/17	138/23
been [162]	between [19] 15/16	23/11 24/1 33/14 34/1	bulletins [2] 113/17	campaign [5] 123/7	cap [1] 78/7
before [26] 2/14 9/6	22/19 23/16 32/10	42/20 47/20 51/23	114/4	123/12 123/14 154/12	capable [1] 98/2
36/6 40/13 43/20	34/24 39/8 47/2 53/7	69/5 71/2 77/12 77/22	bureaucracy [1]	154/14	capacity [10] 39/14
51/16 59/4 61/11	55/2 56/5 83/15 84/20	92/14 96/4 103/13	71/22	can [124] 1/3 1/6 1/7	39/19 40/2 40/4 41/25
65/10 69/14 75/19	98/15 98/18 122/13 136/4 136/24 150/8	105/1 105/2 113/13 115/16 119/1 119/2	business [1] 27/10 but [168]	2/7 2/8 5/11 9/5 10/18 11/17 11/18 13/2 14/4	58/20 59/3 115/24 120/20 121/22
82/17 91/13 110/24	158/1	134/14 134/15 140/1	by [121] 2/6 4/19 7/15	14/7 14/18 14/23	capital [3] 27/25 28/5
112/8 115/3 120/11	beyond [5] 11/4 50/20		11/4 11/21 12/21	14/24 15/6 16/10	28/7
121/8 122/6 124/16	59/15 59/19 112/22	BPL [18] 12/19 12/25	13/17 16/19 17/15	18/17 20/7 20/10 21/9	cards [1] 120/19
128/13 137/14 140/13	Bharucha [11] 6/23	15/7 38/8 38/9 39/5	17/16 20/6 20/21 21/2	21/12 21/22 23/3 23/5	care [1] 102/24
140/16 144/8 146/8	50/6 80/14 80/19 89/4	39/14 39/18 39/22	24/6 25/25 26/11	23/12 23/15 23/20	carriage [1] 84/3
began [3] 84/11 109/13 110/2	95/5 98/23 146/12	40/12 40/20 41/6	26/16 26/17 27/6	31/14 31/16 32/14	carried [5] 3/24 48/18
beginning [8] 13/3	146/14 148/14 154/10	41/24 42/23 42/24	30/16 30/20 32/17	33/12 34/1 34/3 34/11	48/25 57/23 146/16
17/10 87/7 87/11	Bharucha's [1] 95/11		32/20 33/6 33/15 35/6	36/3 41/14 41/25 43/4	
87/12 114/21 117/8	BHCT0000143 [1]	BPL's [1] 42/3	35/13 35/13 39/11	43/15 43/24 44/16	148/21
137/16	139/11	BPLL0007247 [1]	39/20 42/7 45/19	52/24 53/14 53/23 55/18 58/12 61/8	carrying [1] 24/23
begun [2] 31/9 56/23	BHCT0000501 [1] 67/8	brackets [1] 59/7	47/15 48/3 48/13 49/23 51/19 52/11	62/17 65/6 67/23	Carville [1] 70/2 Carville's [1] 70/11
behind [3] 65/21 92/3	BHCT0000503 [2]	break [23] 40/13 43/2	1	68/23 71/4 72/12	case [25] 1/17 8/15
141/8	66/11 151/7	43/16 43/18 43/21	53/10 53/14 53/18	74/15 77/9 79/23	15/18 48/15 52/20
being [55] 4/3 8/25	bid [1] 27/4	44/4 83/4 124/25	54/9 55/23 56/21	79/25 83/13 84/6	56/8 75/25 77/16 83/3
12/11 14/9 21/13	big [8] 28/23 28/24	125/12 126/3 126/11	59/13 59/14 61/24	84/16 85/15 86/3 86/4	93/21 95/24 98/20
23/17 23/17 24/18	73/9 81/11 81/11 85/8		1	86/7 88/16 88/16	104/25 106/14 107/13
38/23 39/14 53/10 53/12 56/8 58/24 59/1	95/9 112/5	126/16 126/24 127/2	62/18 62/25 63/1	88/18 91/16 94/7	109/17 109/19 109/20
59/8 60/11 65/17	biggest [2] 86/14	127/6 131/15 131/17	63/14 63/24 64/9	94/11 95/1 96/16	110/6 111/23 114/15
71/14 72/18 72/25	86/14	131/20 149/12 150/2	64/10 66/7 67/16	102/19 103/14 103/23	126/4 134/4 135/24
74/9 78/4 87/15 91/3		Brian [4] 139/25 141/3		107/18 107/23 109/4	145/11
91/5 92/22 96/25	bit [19] 5/12 18/15	142/5 157/6	72/25 74/8 74/22	112/1 116/16 117/2	cases [23] 9/3 88/6
97/16 99/6 99/10	48/24 57/17 59/7	Bridges [2] 13/18	77/25 78/8 81/16	117/10 117/20 118/15	88/22 88/25 89/14
102/8 108/19 110/8	59/20 59/20 72/21	58/13	82/19 83/23 85/13	119/2 119/10 124/17 125/8 126/23 127/22	90/18 93/5 94/12
110/12 110/13 110/19	74/15 85/25 88/22	briefly [2] 79/21 103/13	85/22 87/15 89/4 89/12 89/16 91/5	128/22 129/13 131/2	94/15 94/23 95/3 95/8 95/25 96/21 97/20
111/18 113/15 119/7	101/21 102/11 107/18 130/12 133/24 138/2	bring [3] 47/25 51/10	91/10 91/14 92/9	131/3 131/10 131/11	95/25 96/21 97/20 98/21 107/11 118/5
119/17 120/12 121/10	144/11 156/24	109/25	98/12 103/6 104/16	131/12 131/12 131/13	146/6 147/1 147/4
122/22 123/6 129/20	blood [242]	Bristol [1] 3/15	104/24 105/12 105/14	131/16 131/18 131/23	154/7 154/21
					(44) be - cases

(44) be - cases

_			0514 0075	Bay #	70100 70107 7 111
С	centres [27] 3/15 3/23		95/4 98/24	committees [10]	70/20 72/25 74/2
cash [10] 46/2 47/4	3/24 4/4 11/17 14/11	choice [3] 62/24	colleagues [4] 46/7	31/14 31/15 40/8 44/8	78/25 79/23 80/4 80/8
47/18 49/13 64/19	16/21 19/3 19/15 22/9	62/25 125/10	46/23 64/21 135/10	127/15 140/9 140/11	80/21 81/1 81/5 81/9
65/8 73/17 73/22	48/10 57/16 58/22 64/5 64/14 73/20 76/8	chronic [4] 87/8 87/10 87/13 97/25	49/24 76/6 76/8 76/18	141/9 142/13 147/12 common [2] 57/14	82/12 115/11 150/11 150/24 151/2 151/3
135/2 136/9	76/16 81/15 82/24	chronic liver [1] 87/8	collected [14] 8/14	136/25	concept [1] 47/16
Cash's [1] 56/14	105/21 117/17 129/4	circular [4] 142/25	12/10 15/7 17/2 19/5	commonly [1] 108/2	concern [8] 36/10
Castle [1] 24/13	135/4 146/4 152/3	143/1 143/11 143/12	1	communication [4]	46/25 73/4 73/6 73/10
categories [3] 102/12	154/2	circulation [1] 117/12		30/8 32/4 110/11	110/4 129/2 136/11
103/25 108/15	centrifuges [1] 50/21	cited [1] 12/3	132/25 152/21	154/19	concerned [13] 29/22
category [3] 111/2	certain [22] 12/20	City [5] 1/9 1/12 2/20	collecting [2] 78/1	communications [3]	34/5 45/19 50/20
112/6 122/23	20/22 20/25 45/2	140/6 140/7	142/15	32/12 45/25 57/18	50/22 61/15 65/16
cause [5] 10/16 28/9 110/3 114/22 115/1	55/17 59/17 66/24	civil [1] 11/2	collection [9] 7/13	communities [1]	65/20 71/12 73/14
caused [1] 107/11	66/25 74/9 81/2 81/3	civilian [1] 14/8	50/2 74/25 99/15	11/13	135/17 137/6 137/8
causes [3] 58/4 74/5	81/24 104/17 107/16	clarify [1] 41/17	99/18 100/1 100/1	community [2] 11/11	concerning [3] 31/15
96/7	109/10 130/11 130/12	clear [8] 50/17 54/7	109/2 128/14	101/9	60/1 103/17
CBLA0001287 [1]	130/15 132/8 144/7	54/13 76/16 116/12	collections [4] 76/7	compare [1] 9/15	concerns [5] 53/3
44/12	144/16 156/13	116/12 116/22 145/12	101/10 111/4 153/19	compared [1] 82/23	121/24 122/2 127/10
CBLA0005101 [1]	certainly [47] 9/14	clearly [4] 55/9 110/4	College [1] 22/11	compensate [3] 16/19	
40/15	11/3 25/18 27/15 28/1	132/8 135/11	Colonel [7] 3/10 4/1	19/3 24/5	conclusions [2] 146/8
CDSC [1] 114/6	28/12 29/20 30/8 31/3 35/8 35/15 36/23 38/2	clerical [4] 104/16 104/24 120/20 122/14	4/7 5/16 5/20 6/2 6/20 Colonel Field [7] 3/10	competition [1] 135/13	146/20 condition [3] 90/19
cease [3] 41/21 43/10	38/16 39/1 43/9 43/10	clerk [1] 103/19	4/1 4/7 5/16 5/20 6/2	complained [1]	99/11 108/5
43/14	57/24 59/13 59/18	climbed [1] 71/17	6/20	157/12	conditions [2] 103/20
ceased [2] 39/11	59/22 71/11 81/22	clinic [3] 5/13 5/14	combined [1] 120/23	complete [5] 28/3	103/25
122/17	86/9 100/8 103/5	5/25	come [21] 7/12 11/20	28/5 93/13 124/12	conducted [1] 104/24
cell [11] 12/2 15/5	109/14 110/15 111/9	clinical [26] 2/15 2/25	12/7 12/24 13/7 20/4	157/18	confess [1] 108/13
23/8 79/22 80/4 80/7 80/21 81/1 81/5 81/9	111/10 111/20 111/22	14/2 52/21 66/17 80/6	21/21 42/4 43/18 58/4	completed [4] 92/2	confidence [1] 101/13
82/12	111/24 124/13 126/6	80/16 81/2 81/4 81/24	79/5 83/4 84/5 88/12	128/13 141/4 147/17	confidentiality [1]
cells [7] 12/4 12/12	127/25 128/1 130/8	82/11 88/10 88/24	114/5 114/6 122/6	completely [6] 76/1	101/22
25/3 80/6 82/17 82/20	133/22 139/2 139/4	89/12 89/16 89/23	126/3 126/17 136/13	85/14 101/22 107/17	confirm [1] 147/8
139/3	145/9 149/16 150/13	89/25 98/9 98/11	144/9	154/5 156/13	connection [1] 150/7
cent [9] 39/8 57/4	153/23 153/25 157/7	98/16 140/23 144/6	comes [2] 59/12	completeness [1]	conscious [6] 4/2
		44445 44440 4405	04/00	11/10	
59/22 60/14 82/16	cetera [5] 71/17 71/22		91/20	44/10	35/23 37/11 37/14
	cetera [5] 71/17 71/22 140/9 143/5 153/8	147/5	coming [4] 47/25 48/8	compliance [1]	35/23 37/11 37/14 37/24 38/1
59/22 60/14 82/16	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1	147/5 clinically [1] 144/24	coming [4] 47/25 48/8 87/3 120/21	compliance [1] 152/20	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19	147/5 clinically [1] 144/24 clinicians [8] 80/3	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11	compliance [1] 152/20 complicated [1] 63/10	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1]
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21]	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1]
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10]
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2]	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1]	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3]	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOS [2] 139/20	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1]	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3]	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOs [2] 139/20 143/25	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37]	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20 73/1 77/17 78/14	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14 5/24 chief [10] 4/11 29/25 30/3 30/3 30/3 30/4 65/25	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOs [2] 139/20 143/25 CMV [1] 90/2	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8 55/16	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37] 12/14 15/5 36/9 37/21	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11 147/24 consistent [1] 158/7
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20 73/1 77/17 78/14 94/23 119/23 141/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14 5/24 chief [10] 4/11 29/25 30/3 30/3 30/3 30/4 65/25 70/2 72/16 73/2 143/5	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOs [2] 139/20 143/25 CMV [1] 90/2 co [1] 83/13 coagulation [2] 36/9 63/20	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8 55/16 committee [9] 27/6	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37] 12/14 15/5 36/9 37/21 41/21 42/22 60/2	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11 147/24 consistent [1] 158/7 consult [1] 124/4
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20 73/1 77/17 78/14 94/23 119/23 141/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [2] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14 5/24 chief [10] 4/11 29/25 30/3 30/3 30/4 65/25 70/2 72/16 73/2 143/5 child [4] 113/25	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOS [2] 139/20 143/25 CMV [1] 90/2 co [1] 83/13 coagulation [2] 36/9 63/20 code [1] 76/14	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8 55/16 committee [9] 27/6 31/17 44/14 57/5 139/14 139/17 139/23 140/7 141/11	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37] 12/14 15/5 36/9 37/21 41/21 42/22 60/2 61/10 61/22 62/14 62/21 62/25 63/4 63/20 64/6 64/9 65/19	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11 147/24 consistent [1] 158/7 consult [1] 124/4 consultant [6] 2/10 6/23 140/18 141/6 141/23 142/8
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20 73/1 77/17 78/14 94/23 119/23 141/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [1] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14 5/24 chief [10] 4/11 29/25 30/3 30/3 30/3 30/4 65/25 70/2 72/16 73/2 143/5	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOs [2] 139/20 143/25 CMV [1] 90/2 co [1] 83/13 coagulation [2] 36/9 63/20	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8 55/16 committee [9] 27/6 31/17 44/14 57/5 139/14 139/17 139/23	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37] 12/14 15/5 36/9 37/21 41/21 42/22 60/2 61/10 61/22 62/14 62/21 62/25 63/4	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11 147/24 consistent [1] 158/7 consult [1] 124/4 consultant [6] 2/10 6/23 140/18 141/6
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20 73/1 77/17 78/14 94/23 119/23 141/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [2] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14 5/24 chief [10] 4/11 29/25 30/3 30/3 30/4 65/25 70/2 72/16 73/2 143/5 child [4] 113/25	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOS [2] 139/20 143/25 CMV [1] 90/2 co [1] 83/13 coagulation [2] 36/9 63/20 code [1] 76/14	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8 55/16 committee [9] 27/6 31/17 44/14 57/5 139/14 139/17 139/23 140/7 141/11	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37] 12/14 15/5 36/9 37/21 41/21 42/22 60/2 61/10 61/22 62/14 62/21 62/25 63/4 63/20 64/6 64/9 65/19	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11 147/24 consistent [1] 158/7 consult [1] 124/4 consultant [6] 2/10 6/23 140/18 141/6 141/23 142/8
59/22 60/14 82/16 82/20 82/20 129/21 142/6 centralised [3] 63/17 71/14 72/4 centrally [2] 69/9 71/6 centre [72] 1/12 3/4 3/18 3/21 5/23 5/24 6/5 6/18 11/5 11/19 13/23 19/13 19/19 22/11 22/21 22/23 25/6 27/17 27/21 28/13 32/21 32/25 33/23 34/20 35/9 35/22 36/1 37/8 45/18 49/18 50/16 51/10 51/11 54/10 55/2 55/8 60/2 61/10 61/20 62/6 62/14 62/17 62/19 62/19 63/1 63/24 64/7 64/22 66/9 68/8 68/14 68/22 69/2 69/16 69/20 69/21 70/1 70/6 70/16 70/21 72/20 73/1 77/17 78/14 94/23 119/23 141/4	cetera [5] 71/17 71/22 140/9 143/5 153/8 Chairman [1] 45/1 chance [2] 7/19 chances [2] 112/16 122/20 change [7] 26/19 48/11 67/7 82/13 105/19 120/22 151/1 changed [3] 55/24 76/3 86/16 changes [2] 99/4 100/19 changing [2] 38/3 64/8 charge [6] 4/23 53/12 80/12 80/20 89/25 146/11 charged [1] 69/12 charges [1] 53/14 check [1] 152/19 checks [1] 152/18 chest [3] 5/13 5/14 5/24 chief [10] 4/11 29/25 30/3 30/3 30/4 65/25 70/2 72/16 73/2 143/5 child [4] 113/25	147/5 clinically [1] 144/24 clinicians [8] 80/3 81/3 88/5 88/15 88/19 144/2 145/16 147/2 close [3] 11/2 125/25 133/23 closed [3] 9/23 10/5 22/7 closely [1] 86/18 closer [1] 14/24 closures [8] 8/18 9/9 10/9 16/16 18/24 22/5 25/18 102/15 clothing [1] 69/18 clotting [8] 69/21 70/5 70/7 70/15 71/5 71/11 71/12 71/17 CMO [1] 141/22 CMO's [1] 142/3 CMOS [2] 139/20 143/25 CMV [1] 90/2 co [1] 83/13 coagulation [2] 36/9 63/20 code [1] 76/14	coming [4] 47/25 48/8 87/3 120/21 commence [1] 41/11 commenced [2] 11/25 57/2 comment [1] 108/2 comments [3] 41/16 46/9 88/18 commercial [24] 19/24 62/13 62/21 62/24 63/4 63/15 64/3 64/5 64/9 64/23 66/9 66/13 67/24 69/3 69/24 70/20 72/19 72/24 74/2 150/24 151/3 151/18 152/1 152/6 commercially [2] 69/6 71/3 commissioned [1] 58/2 commitment [2] 51/8 55/16 committee [9] 27/6 31/17 44/14 57/5 139/14 139/17 139/23 140/7 141/11	compliance [1] 152/20 complicated [1] 63/10 component [3] 3/6 25/4 130/21 components [21] 12/9 12/18 12/18 12/21 15/13 15/21 16/25 17/14 17/16 19/8 25/1 37/1 42/18 88/9 129/16 138/16 140/4 146/24 146/25 147/7 147/15 computerised [2] 120/22 123/5 concentrate [9] 19/21 52/9 52/13 61/14 61/19 62/8 72/19 77/25 78/17 concentrated [3] 12/12 82/16 82/20 concentrates [37] 12/14 15/5 36/9 37/21 41/21 42/22 60/2 61/10 61/22 62/14 62/21 62/25 63/4 63/20 64/6 64/9 65/19	35/23 37/11 37/14 37/24 38/1 consciously [3] 37/17 37/19 138/6 consensus [1] 35/13 consequences [1] 87/1 conservative [1] 122/1 consider [4] 102/3 123/1 123/22 142/21 considerable [2] 3/2 141/24 consideration [10] 55/9 102/9 111/14 111/23 117/20 133/18 133/21 145/7 153/17 154/4 considered [11] 6/17 26/24 79/18 85/22 109/4 109/13 117/24 118/18 138/6 141/11 147/24 consistent [1] 158/7 consult [1] 124/4 consultant [6] 2/10 6/23 140/18 141/6 141/23 142/8

Г	
(<u> </u>
	onsuming [1] 75/21
i	contact [3] 104/8
	105/8 156/9
	contacts [1] 84/2 contained [1] 36/13
	contaminated [1]
	132/20
	content [3] 52/7
	107/13 117/10 contents [1] 121/18
	context [5] 42/9
	103/10 117/25 119/2
	142/3 continue [8] 9/1 18/24
	50/8 68/1 78/12 95/3
	125/1 135/23
	continued [9] 12/15
	16/13 17/11 70/20 77/16 95/2 105/22
	114/8 151/3
	continues [5] 12/8
	13/4 17/15 22/13 52/23
	continuing [5] 24/24
	73/6 78/22 111/7
	153/18 contract [1] 50/21
	contractual [1] 46/21
C	contrary [1] 46/19
	contrast [1] 31/5
	contribution [2] 111/6 111/13
C	control [8] 26/15
	26/17 33/16 50/5 70/5
	70/11 72/2 113/2 convenient [1] 9/19
	conversation [1]
	150/14
•	convincing [2] 94/14 113/24
	cooperation [2] 8/25
	145/15
	coordinate [1] 36/8 coordinated [3] 35/5
	35/9 146/17
	coordinating [3]
	36/14 56/16 73/7 copied [2] 49/14 65/6
(Copy [1] 129/19
	core [5] 92/7 124/23
	125/16 135/3 156/17 Core Participants [3]
	124/23 125/16 156/17
C	correct [32] 2/13 3/10
	3/11 4/13 4/14 4/20 4/21 4/25 6/24 7/3 7/4
	4/21 4/25 6/24 7/3 7/4 15/20 21/17 33/4
	33/10 34/18 34/23
	38/18 39/1 43/1 56/1

62/10 62/22 63/2 71/1 cross-community [1] 71/10 76/19 78/11 82/8 112/15 121/11 122/19 correlation [1] 98/15 correspondence [3] 43/6 50/6 75/10 cost [12] 53/4 53/6 53/17 63/3 63/4 69/13 70/15 71/16 71/18 73/12 73/14 73/16 costly [1] 74/14 costs [4] 36/11 36/13 53/15 53/15 could [62] 3/17 8/1 8/5 11/12 14/21 14/24 16/6 16/9 17/23 18/1 18/20 38/4 38/11 41/11 41/17 42/12 51/14 51/23 52/3 60/12 65/2 67/6 74/20 77/6 78/3 78/8 80/10 81/19 86/25 92/11 101/15 101/20 107/15 109/24 114/23 115/7 115/8 115/18 115/21 123/2 124/24 128/9 128/14 128/19 131/25 134/13 137/14 137/21 138/3 138/25 142/10 143/19 145/17 145/18 145/20 146/24 146/25 147/5 149/11 151/16 154/22 156/2 couldn't [2] 76/21 101/22 Counsel [1] 125/10 counselling [2] 147/25 148/2 counterparts [1] 53/9 **countries** [2] 137/3 137/4 country [2] 80/25 143/7 **couple [3]** 57/3 61/3 141/14 course [16] 9/23 10/5 | deal [3] 24/4 36/10 10/17 10/22 15/24 50/23 57/20 72/23 74/12 85/7 111/11 116/18 120/13 120/25 | dealt [5] 53/7 68/8 134/3 150/6 cover [1] 73/22 covering [1] 27/1 **CPs [2]** 125/3 149/12 cramped [3] 48/19 48/19 85/19 create [3] 16/14 18/24 50/11 criminal [1] 122/24 criteria [1] 107/21

cross [2] 11/11 32/6

121/10 151/1 151/18 11/11 cross-fertilisation [1] 32/6 crossed [1] 102/10 crossing [1] 11/14 crucial [1] 33/20 cryo [6] 52/8 52/12 52/16 52/19 52/20 130/18 cryoprecipitate [21] 12/22 15/9 15/14 15/21 15/25 17/18 18/4 18/6 18/7 18/9 21/10 23/13 23/17 61/14 61/15 61/17 84/21 115/8 115/19 116/8 116/21 cup [1] 126/13 current [2] 33/23 132/19 currently [1] 105/14 curtained [2] 101/16 101/19 curtained-off [1] 101/19 cut [1] 18/1 cycles [1] 28/1 damage [1] 97/25 data [1] 89/24 date [10] 53/22 55/23 84/5 90/8 119/20 124/10 136/25 137/20 138/17 151/8 dated [4] 64/19 68/17 94/11 142/25 dates [3] 84/7 89/22 103/2 day [9] 3/3 8/25 10/3 29/9 29/9 122/11 126/19 128/13 128/14 day-to-day [1] 29/9 days [3] 9/14 26/7 102/14 46/23 dealings [3] 31/11 31/23 32/1 68/15 93/2 106/2 Dear [1] 40/18 dearth [1] 86/20 deceased [2] 147/18 147/21 December [8] 16/8 21/24 33/8 67/13 114/18 121/10 151/1 151/18 December 1982 [2] 33/8 114/18

decide [2] 90/10 91/1 decided [4] 27/6 27/14 90/23 110/17 deciding [2] 58/3 66/24 decision [12] 28/19 37/4 37/15 90/8 93/10 104/5 127/12 134/9 136/16 138/9 145/6 145/14 decision-making [1] 37/4 decisions [4] 29/6 35/13 63/23 64/17 decline [1] 24/3 decrease [3] 14/20 17/2 83/21 deemed [1] 101/5 deep [1] 19/19 defects [2] 54/5 54/12 deferment [1] 104/8 deferral [2] 104/6 107/4 deficiency [1] 50/25 definitely [1] 90/22 definition [1] 59/12 degree [3] 4/18 4/19 94/24 delay [2] 94/19 119/17 delayed [1] 33/19 delays [2] 57/17 137/18 deliver [2] 49/24 156/8 delivered [2] 35/6 69/25 delivering [1] 156/4 demand [19] 10/18 10/20 15/19 15/22 23/2 24/25 25/3 36/8 36/15 52/21 58/25 59/23 60/12 60/13 63/10 63/16 78/20 79/6 116/12 department [43] 27/23 29/13 29/15 29/17 29/21 30/5 30/20 31/12 31/13 31/20 31/24 32/3 37/7 40/7 40/10 44/20 45/4 46/8 46/19 53/8 55/6 68/18 71/22 72/16 73/2 73/13 74/4 115/6 117/8 117/19 118/17 119/25 127/17 132/2 136/17 138/7 138/9 138/11 138/11 138/12 145/13 145/18 152/9 departmental [2] 53/7

December 1984 [3]

145/14 Departments [2] 57/14 143/22 depend [1] 121/15 dependent [2] 102/16 112/1 depending [3] 93/3 101/20 126/16 deputy [5] 2/10 3/12 6/22 50/6 86/5 derived [1] 74/14 describe [1] 114/23 described [6] 30/25 39/4 89/5 101/10 104/10 104/13 describing [1] 104/19 description [2] 29/22 68/21 designed [3] 6/5 76/6 78/14 desirability [1] 130/24 desirable [2] 78/22 120/17 despite [2] 16/25 97/25 detail [11] 49/19 52/24 55/18 56/13 74/7 131/1 136/12 143/17 146/15 148/4 149/1 detailed [4] 13/24 74/3 104/21 148/6 details [7] 104/17 104/19 117/10 123/18 129/24 138/23 141/19 detected [4] 85/12 85/12 85/13 92/18 detecting [2] 24/22 98/2 determined [2] 52/21 158/6 develop [1] 74/21 developed [1] 96/6 development [10] 6/14 19/11 22/10 27/25 28/5 28/8 65/3 76/4 134/25 137/9 developments [2] 3/25 133/24 DHSC0000481 [1] 128/22 DHSC0101652 [1] 119/22 **DHSS [1]** 136/20 diagnosis [1] 96/8 diagnostic [1] 27/2 did [84] 5/21 6/16 9/11 10/14 10/16 25/18 28/18 28/22 29/11 29/11 29/17 29/18 30/7 31/11 31/23 34/24 40/1 42/7 67/18 69/21 86/5 86/6

42/24 43/10 43/12 43/14 47/2 48/22 48/24 52/10 55/3 57/10 62/3 64/7 67/24 68/1 71/16 73/23 78/7 80/2 81/22 82/13 85/4 86/25 87/21 95/3 95/5 99/2 100/14 100/20 102/3 103/4 104/18 106/24 109/2 110/2 111/4 114/25 115/11 116/17 117/19 117/22 118/20 119/15 121/23 122/8 123/1 123/20 123/22 124/7 124/9 124/13 124/13 127/11 127/22 129/23 130/22 136/16 136/19 136/19 136/22 137/25 138/2 138/24 142/7 151/2 155/16 156/8 didn't [10] 6/11 62/22 71/23 87/20 87/21 100/22 108/8 109/25 134/8 151/6 died [2] 83/18 84/22 difference [5] 4/16 15/23 35/3 35/17 136/4 differences [2] 34/24 35/14 different [9] 13/22 72/8 75/18 99/18 103/2 122/5 139/8 152/12 154/5 difficult [7] 8/11 9/7 37/2 38/16 63/15 97/22 98/16 difficulties [10] 10/16 16/14 18/25 19/7 25/12 25/17 28/15 38/13 40/25 42/8 difficulty [3] 42/13 111/18 120/13 diktat [1] 35/13 direct [11] 30/22 30/25 31/5 31/11 62/19 62/20 95/24 98/20 99/12 114/6 123/12 direction [1] 70/3 directions [1] 32/14 directly [11] 7/7 11/2 12/19 62/16 67/17 68/2 69/24 69/25 113/1 151/4 154/25 director [23] 2/11 3/9 3/12 4/5 4/12 5/5 6/10 6/22 6/22 26/9 36/1 36/20 37/17 38/1 38/7 40/17 49/13 50/6

(46) consuming... - director

D	90/23 91/3 91/8 91/12
director [1] 135/1	98/23 99/2 103/2
directors [9] 34/16	106/23 110/22 114/3
45/19 46/11 56/16	115/4 115/4 115/12
118/24 119/9 134/11	115/13 116/16 117/1
134/21 135/8	119/16 121/22 126/9
directors' [3] 34/21	127/1 127/17 135/8
136/1 136/2	136/3 136/7 136/8
disagree [1] 148/15	137/6 137/14 138/5
disagreed [1] 51/3	138/25 139/5 139/16
discard [1] 147/17	140/10 149/14 150/8
discarded [1] 132/22	doctor [8] 98/12 98/18
discarding [3] 130/21	99/22 100/2 100/9 100/9 107/13 142/4
139/1 139/3	doctors [10] 13/9
discharged [1] 98/16	13/15 27/7 99/10
discourage [1] 66/13	100/7 100/8 100/15
discovered [1] 64/22	107/22 113/5 154/20
discrepancy [2] 16/3	document [16] 14/5
16/3	19/9 40/13 53/19
discrete [1] 76/23	68/17 89/1 89/4 90/9
discuss [6] 39/25	90/13 103/2 119/5
43/21 49/19 53/21	151/5 151/8 151/13
54/1 64/7	151/15 151/24
discussed [9] 40/7	documentation [6]
40/10 73/9 91/4	106/4 124/4 129/25
110/13 113/21 116/20	146/3 147/11 148/10
134/21 138/6	documented [1]
discussing [3] 130/1 130/6 130/17	139/6
discussion [6] 37/25	documents [9] 7/23
44/8 45/7 51/24 66/20	20/5 66/7 74/18 94/8
106/19	106/6 154/6 154/8
discussions [6] 50/8	154/15
56/12 66/12 66/15	does [6] 15/19 25/10
67/4 150/9	25/15 42/22 62/24
disease [4] 87/8	154/16
87/13 97/23 104/9	Does it [1] 62/24
display [2] 120/6	doesn't [2] 68/6
123/7	108/14
displayed [1] 121/11	DoH [3] 30/22 31/8
disqualification [2]	32/1
95/25 98/5	doing [7] 39/24 64/11 86/6 91/15 145/7
disqualify [1] 104/2	145/10 145/11
disruption [1] 56/9	don't [60] 14/22 25/7
disruption-off [1] 56/9	34/6 36/2 38/17 43/3
disseminated [1]	43/8 47/18 52/17
123/3	52/23 53/16 61/5
distance [1] 135/11	64/11 64/11 67/20
distant [1] 19/25	67/21 68/24 72/13
distributed [1] 119/8	73/23 85/11 85/12
distribution [4] 45/2	85/21 95/7 95/9 97/6
119/8 156/10 156/10	99/4 109/12 109/20
District [1] 89/13	109/21 110/12 115/13
disturbed [1] 41/23	115/14 116/19 116/22
divergence [1] 31/10 divided [1] 13/21	116/25 117/22 118/5
do [50] 10/7 27/11	118/20 119/19 123/11
27/22 37/2 37/9 43/17	124/3 128/11 129/12
51/4 52/4 52/11 65/7	130/4 133/21 136/7
66/11 72/14 73/1	139/5 139/22 142/21
73/25 87/14 88/25	144/20 145/16 145/17
	148/17 149/4 149/16
	l

1/23 91/3 91/8 91/12 3/23 99/2 103/2 16/23 110/22 114/3 5/4 115/4 115/12 5/13 116/16 117/1 102/7 121/1 9/16 121/22 126/9 7/1 127/17 135/8 6/3 136/7 136/8 7/6 137/14 138/5 38/25 139/5 139/16 10/10 149/14 150/8 ctor [8] 98/12 98/18 9/22 100/2 100/9 0/9 107/13 142/4 ctors [10] 13/9 3/15 27/7 99/10 0/7 100/8 100/15 7/22 113/5 154/20 cument [16] 14/5 9/9 40/13 53/19 3/17 89/1 89/4 90/9 155/10)/13 103/2 119/5 1/5 151/8 151/13 1/15 151/24 cumentation [6] 16/4 124/4 129/25 6/3 147/11 148/10 cumented [1] 19/6 cuments [9] 7/23)/5 66/7 74/18 94/8 6/6 154/6 154/8 54/15 es [6] 15/19 25/10 5/15 42/22 62/24 54/16 es it [1] 62/24 esn't [2] 68/6)8/14 **H [3]** 30/22 31/8 ing [7] 39/24 64/11 8/6 91/15 145/7 5/10 145/11 n't [60] 14/22 25/7 1/6 36/2 38/17 43/3 3/8 47/18 52/17 2/23 53/16 61/5 1/11 64/11 67/20 7/21 68/24 72/13 155/22 3/23 85/11 85/12 5/21 95/7 95/9 97/6 104/22 9/4 109/12 109/20 19/21 110/12 115/13 5/14 116/19 116/22 6/25 117/22 118/5 8/20 119/19 123/11 24/3 128/11 129/12 0/4 133/21 136/7 9/5 139/22 142/21

153/11 154/21 155/5 155/16 155/16 donate [7] 20/21 25/21 75/4 75/5 79/14 donated [1] 132/11 donating [4] 9/17 75/20 75/22 120/11 donation [15] 8/16 20/19 22/6 78/14 93/23 99/23 100/1 102/2 110/23 111/4 117/4 120/3 123/13 132/21 156/3 donations [18] 8/22 14/11 14/18 17/1 19/4 20/15 22/16 23/6 47/24 78/2 93/25 96/12 102/4 112/16 138/17 153/2 154/24 done [13] 65/17 91/10 92/10 136/10 140/5 141/3 143/17 144/15 148/19 153/2 156/6 156/7 156/11 donor [**75**] 5/19 7/2 7/6 7/8 7/10 7/12 7/13 11/21 14/8 17/24 20/9 21/1 22/11 23/4 32/11 32/13 75/19 75/21 78/23 79/2 79/11 90/3 91/20 92/1 92/16 92/18 93/10 93/14 93/24 96/13 96/18 96/21 96/24 97/3 98/2 99/15 99/16 99/18 99/20 100/1 100/6 100/20 101/2 101/13 103/15 103/19 103/20 104/3 104/10 104/16 104/22 107/20 108/7 108/23 111/18 112/10 112/10 119/14 120/8 120/14 120/14 120/18 120/22 121/15 121/23 121/25 124/2 124/8 124/9 132/6 152/13 152/14 152/19 155/8 donor attendant [1] donor's [1] 103/21 donors [66] 8/24 9/14 9/22 11/13 12/1 13/5 14/13 16/18 17/5 20/10 20/14 20/20 21/1 23/9 24/4 24/10 24/23 25/11 75/1 75/14 79/13 79/16 84/2 84/11 85/13

90/11 93/7 93/9 93/18

95/25 96/10 98/5 98/6 99/3 101/7 101/12 102/12 102/13 102/19 102/24 103/9 105/6 105/17 105/23 108/3 108/16 110/7 110/8 110/22 111/16 111/22 112/2 112/2 112/22 120/9 120/20 120/24 121/17 122/21 123/3 124/11 124/12 155/3 154/10 155/4 155/13 156/1 donors' [1] 97/4 95/11 door [1] 1/15 dose [1] 52/6 142/5 doubt [5] 47/22 51/12 97/17 108/11 108/12 down [31] 9/23 10/3 10/5 13/2 15/6 17/7 65/8 135/2 18/4 18/14 18/15 19/10 20/12 22/8 22/17 27/7 34/11 38/2 **[1]** 35/25 44/16 44/23 54/18 59/12 72/12 84/17 86/4 90/17 117/2 119/11 130/16 133/14 146/23 151/16 152/11 142/11 **Dr [137]** 1/3 2/7 4/16 6/23 7/17 8/2 10/8 11/22 12/24 13/13 15/15 17/9 20/4 21/16 43/6 23/15 35/25 37/25 39/23 39/25 40/14 45/15 55/5 40/14 40/18 42/5 43/3 43/6 44/7 44/18 44/19 45/15 46/2 47/4 47/18 133/7 48/1 49/8 49/13 49/17 49/19 50/5 50/6 50/17 51/1 51/4 51/9 51/15 52/8 53/5 54/21 55/5 56/14 56/18 60/1 60/4 61/8 61/12 62/1 62/9 64/8 64/19 64/19 65/8 66/7 66/12 66/18 66/20 67/18 68/2 69/20 70/4 73/25 77/8 80/14 80/19 81/22 83/8 89/4 94/9 94/13 95/1 95/5 95/11 95/17 98/23 103/1 105/14 110/11 113/12 114/3 115/4 115/16 116/16 116/18 116/20 117/6 117/16 119/13 119/24 121/6 124/22 125/6 125/8 127/9 128/23 129/22 131/10 131/23 132/1 132/23 133/7 135/2 139/25 141/2 141/15 141/23 142/5 142/10 142/11 142/18 141/15 145/2 146/9 145/2 146/9 146/12 149/11 150/4 151/24

146/14 148/14 149/11 150/4 150/9 150/12 150/16 151/13 151/24 154/10 154/17 155/18 156/18 156/21 157/19 157/22 157/22 Dr Bharucha [11] 6/23 50/6 80/14 80/19 89/4 95/5 98/23 146/12 146/14 148/14 Dr Bharucha's [1] Dr Boulton [1] 157/22 **Dr Brian [2]** 139/25 Dr Cash [7] 46/2 47/4 47/18 49/13 64/19 Dr Cash's [1] 56/14 Dr Elizabeth Mayne **Dr Gabra [1]** 157/22 **Dr Gunson [4]** 94/9 94/13 110/11 154/17 **Dr Keiran [2]** 141/2 Dr Lane [4] 39/23 39/25 40/14 40/18 Dr Lane's [2] 43/3 Dr Lawson [3] 44/19 Dr M [1] 141/23 Dr Maw [2] 132/1 Dr Mayne [22] 37/25 61/12 62/1 62/9 64/8 64/19 66/7 66/12 66/18 66/20 68/2 69/20 70/4 73/25 115/4 116/16 116/18 116/20 150/9 150/12 150/16 151/13 Dr McClelland [62] 1/3 2/7 4/16 7/17 8/2 10/8 11/22 12/24 13/13 15/15 17/9 20/4 21/16 23/15 40/14 42/5 44/7 44/18 48/1 49/8 49/19 50/17 51/1 51/4 51/9 51/15 52/8 53/5 56/18 60/1 60/4 61/8 67/18 77/8 81/22 83/8 95/1 95/17 103/1 105/14 113/12 114/3 115/16 117/6 117/16 119/13 121/6 124/22 125/6 125/8 127/9 131/10 131/23 132/23

155/18 156/21 Dr McClelland's [2] 156/18 157/19 **Dr Morris [1]** 142/10 **Dr Morris's [1]** 142/18 Dr Perry [3] 49/17 50/5 54/21 Dr Smithies [3] 119/24 128/23 129/22 draft [1] 146/21 draw [1] 97/11 drawbacks [2] 120/8 122/7 dried [3] 12/22 17/18 90/20 dried plasma [1] 17/18 driving [1] 141/7 drug [8] 112/12 112/17 112/25 113/6 118/9 118/10 134/5 144/10 drugs [2] 112/7 112/7 dubious [1] 93/6 **Dublin [3]** 15/8 21/21 32/10 due [9] 8/17 20/16 33/19 45/2 94/18 95/23 96/7 97/19 99/8 **Durham [9]** 5/7 5/11 5/24 10/25 10/25 22/14 27/15 76/24 77/3 Durham Street [7] 5/24 10/25 10/25 22/14 27/15 76/24 77/3 during [32] 3/13 8/22 9/4 10/19 11/3 11/5 11/18 11/25 13/9 16/17 17/1 17/4 19/4 19/12 20/11 22/21 24/4 24/10 24/15 32/15 36/24 37/4 71/18 87/6 94/16 97/18 111/24 113/7 115/19 120/21 137/16

152/17

each [8] 27/3 27/4 35/9 53/13 80/16 120/7 120/18 135/1 earlier [28] 20/12 29/10 35/18 45/22 54/22 73/7 76/22 85/17 85/18 96/24 109/3 110/1 117/18 137/5 137/22 137/25 138/2 138/3 138/5 138/24 143/20 145/8 148/20 149/18 151/6

(47) director... - earlier

-	sighth [4] 46/7	onguino d [41 444/00	111/05 100/04 100/00	evereine d [2] 00/40	101/12
E	eighth [1] 16/7	enquired [1] 141/22	111/25 122/21 132/22 143/20	exercised [3] 26/16 26/17 113/2	101/12
earlier [3] 151/23	eighties [1] 76/6 either [14] 43/5 61/13	enquiry [1] 142/3 ensure [4] 24/6 130/7	evening [1] 157/15	exhibited [1] 108/22	facility [6] 34/9 48/19 77/2 79/9 79/10 85/18
154/6 155/20	69/7 70/8 75/1 89/12	146/16 155/7	event [1] 146/21	exist [1] 46/19	fact [25] 8/15 26/6
earliest [1] 113/14	92/6 93/5 101/13	enter [1] 55/16	events [1] 32/13	existed [2] 37/18	35/4 40/2 42/22 57/12
early [15] 25/13 32/15	117/1 126/11 126/12	enthusiastic [2] 79/13		94/25	59/20 60/12 76/22
40/10 55/8 59/4 77/13	129/13 130/5	135/15	98/5	existence [2] 88/6	90/13 90/17 99/5
78/1 81/9 81/15 85/6	elevation [1] 93/15	entirely [5] 3/19 38/12		88/15	110/19 110/20 113/2
115/19 115/21 128/8	eleven [1] 19/3	85/5 124/24 125/5	ever [19] 6/1 64/7	existing [3] 16/17	124/25 128/7 130/6
130/12 130/15 earmarking [1] 27/17	eliminate [1] 85/5	entitlement [1] 60/10	66/11 73/23 97/8 97/9	48/17 92/9	140/24 141/13 147/8
easier [2] 19/18 149/5	ELISA [1] 84/15	entries [1] 21/13	102/3 106/25 107/2	expect [2] 52/3 52/22	147/16 151/10 153/16
Easter [1] 158/1	Elizabeth [1] 35/25	envelope [1] 122/11	107/2 107/19 109/21	expectation [2] 102/5	153/20
Eastern [29] 7/16 8/3	else [5] 43/24 64/8	enveloper [2] 120/24	111/14 115/12 116/15	154/17	factor [61] 12/19
25/25 26/5 26/6 26/11	116/16 116/18 146/13	123/4	116/17 123/1 138/6	expected [2] 80/24	19/21 19/23 23/1
26/12 26/13 26/20	elsewhere [6] 21/15	environment [2] 6/16	154/24	112/11	33/20 36/9 37/5 37/12
27/22 28/18 29/12	54/17 85/3 99/17	34/7	every [8] 5/22 22/12	expenditure [2] 73/19	37/21 38/5 38/11 39/5
29/25 30/4 36/2 36/11	138/21 147/15	envisaged [2] 41/19 145/24	33/9 80/14 88/9 122/11 122/11 154/25	74/6 experience [8] 2/15	39/7 40/24 41/1 41/3
57/15 63/21 67/9	Elstree [7] 12/16 17/13 19/17 39/5	episodes [2] 10/19	everything [3] 98/23	3/18 3/22 80/24 82/23	41/21 42/21 42/24 43/10 43/13 52/5
70/10 70/17 72/15	39/17 61/22 84/14	11/6	130/8 130/24	100/21 111/21 145/21	57/20 58/17 58/25
73/1 73/8 73/13 74/5	embargo [1] 28/5	equal [2] 46/14 47/5	evidence [30] 17/3	experienced [2] 25/13	
115/5 152/8 154/19	emerge [1] 46/18	equipment [9] 26/24	43/20 43/24 45/21	101/4	60/21 61/4 61/14
easy [2] 17/24 48/17	emerged [1] 116/13	27/5 50/19 51/19	62/11 62/12 64/4	expert [3] 48/10 66/22	61/18 61/22 62/7
Ebrington [1] 11/20	emergencies [1] 8/24	57/25 58/1 58/3 116/1	74/17 76/19 87/8 87/8	140/22	62/13 63/19 64/2
EBV [1] 90/2 ed [1] 69/22	emerging [1] 128/15	138/1	87/12 107/18 113/24	expertise [2] 128/6	64/24 65/18 67/2
Edinburgh [21] 3/15	emphasis [1] 2/25	equivalent [2] 82/2	117/16 118/11 118/12	140/22	67/24 69/18 69/18
19/13 19/18 21/14	emphasise [1] 94/24	104/14	125/18 126/20 133/25	experts [1] 64/14	71/12 71/17 74/12
21/20 22/21 23/20	empirical [2] 96/13	err [1] 108/12	135/18 144/13 144/21	expired [5] 21/15	77/2 79/7 84/21 110/5
23/21 25/6 29/3 35/20	96/17	error [1] 149/7	150/25 151/23 153/12	21/18 38/9 38/19	110/16 112/5 114/1
45/18 56/6 58/19	employees [2] 9/3	escalating [1] 71/19	156/24 157/7 157/16	45/17	114/12 115/11 116/21
64/24 69/2 81/23	102/3 employer [1] 102/6	especially [6] 10/18 76/4 85/7 92/7 111/7	157/19 evolution [1] 46/12	explain [3] 5/11 5/15 71/21	133/6 150/11 151/2 151/11 152/6
91/12 117/16 118/16	employers [1] 9/1	137/16	evolve [1] 47/3	explained [6] 45/1	Factor IX [2] 12/19
141/4	enable [3] 10/2 124/5	essential [1] 4/3	exact [3] 16/2 106/6	45/15 78/16 81/16	69/18
educate [1] 88/10	151/20	essentially [4] 4/22	129/24	101/25 145/22	factor VIII [42] 19/21
Education [1] 80/6	enabled [1] 81/17	63/4 78/7 104/12	exactly [14] 43/11	explaining [1] 17/15	19/23 23/1 36/9 37/5
educational [2] 88/4	enclose [1] 94/14	established [4] 22/21	60/24 63/18 68/12	explains [6] 22/3 33/5	37/12 38/5 38/11 39/5
88/14 effect [7] 4/10 11/15	enclosed [1] 120/21	63/7 77/11 108/19	72/5 91/3 97/7 103/6	44/25 51/21 53/25	39/7 40/24 41/1 41/3
67/12 69/10 71/8	encountered [1]	establishment [4]	106/2 114/7 138/22	145/24	41/21 42/21 42/24
71/16 134/24	90/18	19/12 34/19 75/11	140/12 152/17 154/1	explanation [1] 16/2	43/10 43/13 52/5
effective [2] 17/6	encourage [1] 99/10	123/5	examination [3]	explore [2] 59/25 61/9	
80/11	encouraged [3] 89/14		102/19 102/24 103/18		59/17 59/23 60/21
effectively [1] 132/18	144/1 154/20	63/10	example [10] 9/24	exposing [1] 122/24	61/4 61/18 62/7 62/13
effectiveness [1]	encouraging [1] 140/15	et [5] 71/17 71/22 140/9 143/5 153/8	31/17 37/12 52/5 67/1 93/3 137/4 148/21	expressing [1] 73/4	63/19 64/2 64/24 67/2 69/18 71/12 71/17
122/8	encroaching [1] 79/7	et cetera [5] 71/17	155/9 156/4	expressing [1] 107/22 expression [1] 107/25	
effects [4] 8/17 16/13	end [11] 14/9 22/12	71/22 140/9 143/5	examples [2] 10/4	extent [6] 37/19 74/20	
18/23 22/4	49/15 51/16 66/8 88/2	153/8	147/6	86/21 99/7 135/7	factories [3] 9/13 9/15
efficient [1] 75/4	109/2 109/25 114/20	etc [6] 25/1 46/16	exceeding [1] 20/18	153/22	22/8
effort [4] 10/7 24/5	128/13 157/2	50/22 56/9 65/4 69/19	exchange [2] 55/1	external [2] 32/17	factors [4] 66/22
38/15 51/9 efforts [5] 16/18 47/15	ended [4] 16/7 21/24	European [1] 137/4	64/25	32/19	76/20 93/12 98/8
80/18 80/19 143/22	90/14 109/1	evacuated [1] 11/5	exciting [1] 137/9	extra [1] 41/25	factory [10] 8/18 9/8
efforts' [1] 52/3	engaged [1] 111/17	evaluate [1] 112/11	exclude [2] 106/13	extremely [3] 11/11	9/23 10/9 16/15 16/17
eg [3] 12/19 69/24	England [9] 34/16	evaluating [3] 128/6	120/14	37/2 74/14	18/24 19/2 22/5 25/17
104/8	35/1 35/6 73/21 83/20	144/22 144/23	excluded [1] 97/5	eye [2] 50/16 133/23	failure [2] 147/9 149/7
eg pregnancy [1]	83/22 117/7 136/3	evaluations [1] 128/5	exclusion [4] 96/13	F	failures [2] 146/3
104/8	136/5	even [22] 32/13 36/24	96/17 105/23 152/14	face [1] 65/3	148/10
EHSSB [2] 70/8 70/18	English [1] 47/12 enhanced [1] 78/15	59/13 74/14 75/19 79/10 80/23 82/17	exclusively [1] 69/19 executive [1] 4/11	facetious [1] 144/12	fair [1] 76/2 fairly [7] 9/18 18/13
eight [4] 13/22 13/22	enhancement [1] 79/8		exercise [5] 100/2	facilities [9] 5/4 9/18	25/3 64/23 82/11
84/25 90/17	enough [4] 10/1	99/11 102/9 102/10	145/2 146/2 146/11	50/13 51/18 55/13	116/7 156/8
eight years [1] 90/17	125/24 126/10 144/11	102/14 108/11 109/15	147/14	74/22 77/15 78/14	fall [2] 67/24 84/2
					- L=1 - 2.1.m 2.1.m
					(48) earlier fall

Fallback [1] 56/8 fallen [1] 83/23 familiar [1] 22/2 far [23] 29/21 46/13 50/19 51/11 53/13 61/15 61/17 62/17 67/23 71/11 73/20 80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13 findings [1] 146/19		
fallen [1] 83/23 familiar [1] 22/2 far [23] 29/21 46/13 50/19 51/11 53/13 61/15 61/17 62/17 67/23 71/11 73/20 80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	F	Ī
fallen [1] 83/23 familiar [1] 22/2 far [23] 29/21 46/13 50/19 51/11 53/13 61/15 61/17 62/17 67/23 71/11 73/20 80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	fallback [1] 56/8	
far [23] 29/21 46/13 50/19 51/11 53/13 61/15 61/17 62/17 67/23 71/11 73/20 80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 finan [2] 13/8 41/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
50/19 51/11 53/13 61/15 61/17 62/17 67/23 71/11 73/20 80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	far [23] 29/21 46/13	l
67/23 71/11 73/20 80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
80/23 87/2 87/4 90/15 94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	l .	
94/21 97/8 106/8 117/10 117/20 127/22 130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 fed [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		l
130/8 135/16 fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	94/21 97/8 106/8	
fast [1] 50/18 fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	1	
fears [1] 11/13 February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
February [4] 1/1 44/15 57/6 68/17 February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	fears [1] 11/13	
February 1981 [1] 57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	February [4] 1/1	
57/6 February 1989 [1] 68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	1	
68/17 fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
fed [1] 27/7 feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
feel [1] 137/16 feeling [7] 106/17 106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	1	
106/20 107/5 107/8 135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	feel [1] 137/16	l
135/19 137/11 137/17 Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
Feiba [1] 69/25 felt [5] 52/14 72/4 87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
87/4 102/16 122/3 females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
females [1] 147/25 ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
ferry [1] 56/9 fertilisation [1] 32/6 few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	females [1] 147/25	
few [6] 15/6 41/18 49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	ferry [1] 56/9	
49/16 104/19 116/15 120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
120/11 fewer [1] 16/18 FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 118/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
FFP [3] 41/11 41/12 78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	120/11	
78/4 field [8] 3/10 4/1 4/7 5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
5/16 5/20 6/2 6/20 125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
125/20 fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
fifth [1] 23/5 figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
figure [6] 14/9 14/17 15/19 18/15 20/12 20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	1	l
20/13 figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	figure [6] 14/9 14/17	
figures [16] 14/25 17/24 18/3 20/9 21/10 23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
23/4 23/8 23/11 23/13 23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
23/19 52/2 81/7 110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	I .	
110/11 146/22 148/6 148/6 final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
final [2] 13/8 41/8 finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
finance [3] 71/25 72/3 152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	1	
152/8 financial [8] 46/24 53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13	finance [3] 71/25 72/3	
53/11 56/10 56/12 63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
63/6 68/19 71/13 72/10 find [1] 10/6 finding [2] 90/18 147/13		
72/10 find [1] 10/6 finding [2] 90/18 147/13	l .	
finding [2] 90/18 147/13	72/10	
147/13		
1	1	
	1	

finish [1] 158/6 81/2 83/16 109/21 finished [3] 50/25 125/14 126/5 first [46] 5/3 8/12 10/17 13/10 21/12 28/2 28/23 28/23 32/19 33/8 33/24 35/21 35/22 40/9 42/6 49/16 53/1 61/21 64/20 65/11 65/12 77/9 85/8 90/23 94/9 108/16 110/5 110/6 113/25 114/11 121/9 124/7 128/24 129/17 132/3 132/13 140/11 144/4 148/13 150/5 151/9 151/10 151/14 151/15 151/16 155/21 firstly [1] 120/9 fit [1] 108/4 five [5] 19/2 28/1 28/6 131/16 131/17 five-year [2] 28/1 28/6 fixed [3] 26/25 93/12 99/19 fluctuate [1] 98/10 follow [12] 31/8 35/12 47/9 47/12 62/24 87/5 93/17 106/10 118/1 118/22 144/24 147/20 follow-up [3] 87/5 93/17 147/20 followed [7] 30/21 31/4 61/3 86/17 94/21 134/8 154/18 following [10] 16/5 23/24 34/19 41/2 46/8 55/13 103/11 105/19 120/4 134/22 follows [4] 11/18 41/18 61/2 119/9 fool [1] 132/9 fool-proof [1] 132/9 force [1] 141/7 foreign [2] 84/1 84/1 foresee [1] 128/19 form [8] 41/15 73/16 103/17 103/21 103/22 104/1 117/18 123/6 formal [1] 30/14 formalised [1] 54/15 format [2] 36/4 43/6 forms [1] 108/23 formulated [3] 37/18 37/20 41/5 forthwith [1] 110/17 fortunately [1] 48/22 forum [1] 35/25 forward [3] 29/2 121/5 125/16 forwarded [1] 152/7

found [5] 31/7 71/20

four [5] 71/3 79/3 82/22 119/10 133/1 four paragraphs [1] 119/10 four years [2] 82/22 133/1 | **fourth [1]** 19/10 fraction [5] 12/17 17/14 58/15 59/6 60/17 fractionate [2] 39/19 58/21 fractionated [3] 12/11 58/24 60/11 fractionation [21] 12/15 17/12 19/13 19/18 21/20 22/20 25/6 32/21 32/25 34/20 38/24 42/24 45/18 48/9 51/12 54/10 62/6 64/22 68/22 69/1 94/1 fractionators [1] 38/4 fractions [1] 49/21 Francisco [1] 114/15 free [1] 17/18 freezing [1] 58/1 frequency [1] 20/24 frequent [1] 106/18 fresh [21] 12/14 15/8 19/19 21/19 23/21 38/20 38/22 39/16 39/19 39/22 40/23 41/5 42/13 42/23 45/17 50/3 56/23 58/16 58/23 116/4 130/18 fresh-frozen [1] 45/17 Friday [1] 157/22 fringes [1] 113/21 from [157] 2/19 4/10 4/15 4/22 6/9 9/1 10/17 12/18 16/23 17/8 18/13 19/14 19/15 19/24 20/11 20/15 20/17 21/3 23/5 30/23 30/25 31/18 31/20 32/24 32/24 33/1 39/5 39/17 40/12 40/15 43/13 44/20 45/3 46/2 46/15 48/8 48/9 48/9 49/3 49/12 49/14 51/8 52/8 52/12 52/19 53/24 54/20 55/6 55/24 56/7 56/18 57/6 58/8 58/13 58/21 60/11 61/3 61/19 62/8 62/11 62/12 63/6 63/13 63/14 64/19 65/8 65/25 66/6 67/9 67/12 67/15 68/5 66/2 73/16 96/11

68/17 69/1 69/11 69/22 69/24 70/15 71/8 71/9 71/10 72/7 74/4 74/18 76/19 76/25 77/7 79/23 80/24 82/19 84/3 86/10 87/6 89/17 90/11 91/16 91/25 93/17 94/9 95/21 98/17 102/5 102/25 104/2 105/7 105/18 108/2 108/23 111/4 112/17 113/5 113/10 113/15 114/3 114/15 117/15 119/24 120/6 121/6 121/7 123/8 124/10 125/17 128/19 128/23 129/25 130/9 132/1 132/16 132/25 134/25 135/9 137/19 138/10 138/20 140/16 141/20 142/12 142/17 146/11 147/2 147/7 147/13 149/19 150/7 151/1 151/18 151/25 153/19 154/10 154/19 155/10 155/25 156/16 157/15 157/22 157/22 frozen [21] 12/14 15/9 19/19 21/19 23/21 38/22 39/16 39/19 39/22 40/23 41/5 42/13 42/23 45/17 50/3 56/23 58/16 58/23 116/4 130/18 130/18 frustration [2] 57/17 137/17 full [11] 10/1 10/2 17/25 44/17 60/10 60/12 60/14 100/4 143/24 145/15 158/5 full-time [1] 100/4 fuller [1] 157/8 fully [4] 52/17 71/23 108/14 155/15 funded [1] 63/25 funding [9] 26/3 26/15 26/23 28/16 33/21 41/6 68/20 71/14 135/1 funds [2] 27/17 135/2 further [24] 13/2 15/6 17/7 18/1 19/10 21/4 22/6 22/17 23/10 25/4 44/16 52/19 53/19 79/8 85/9 93/17 94/7 96/11 107/24 141/14 147/1 147/3 149/11 150/5 future [5] 20/1 40/20

G Gabra [1] 157/22 garden [1] 24/12 gather [1] 3/24 gave [3] 85/24 110/11 117/16 **GB [1]** 30/16 general [22] 5/1 6/15 20/17 34/7 54/12 67/4 67/5 68/3 68/4 89/17 98/18 99/14 103/17 112/20 123/14 123/15 124/7 144/20 148/10 149/2 154/10 155/6 generally [2] 108/10 146/16 generally speaking **[1]** 108/10 generation [2] 77/19 128/17 genitourinary [1] 132/2 genuinely [1] 144/15 get [27] 27/11 27/21 29/14 38/15 47/23 48/24 49/20 51/22 68/7 86/1 100/16 110/2 112/8 125/21 126/22 128/1 128/2 128/11 128/12 131/16 131/18 133/7 140/17 140/24 144/5 145/10 157/4 getting [9] 50/17 60/14 72/7 72/17 108/5 125/25 128/20 144/2 149/25 give [12] 9/24 16/1 79/14 104/18 105/4 105/16 108/4 110/21 117/19 123/16 124/5 124/23 given [19] 13/11 57/12 60/21 111/14 118/19 123/6 133/19 133/21 143/21 143/25 145/7 153/16 153/18 153/19 154/11 154/23 154/24 155/7 155/25 gives [7] 14/6 14/16 15/3 20/13 21/7 84/7 105/11 giving [1] 102/4 go [76] 8/5 9/6 10/1 11/16 13/2 14/21 14/23 14/24 15/3 16/9 17/7 17/23 18/1 18/20 19/9 19/10 20/7 21/4 21/12 21/25 22/17 23/3 23/10 23/12 24/1 33/12 33/13 33/21

34/1 42/6 44/16 44/22 45/9 48/14 50/14 51/23 54/25 55/18 56/13 59/2 68/20 71/2 77/21 79/25 80/23 84/6 84/16 87/24 87/24 91/9 92/14 96/3 97/11 102/7 103/23 104/17 105/1 108/3 113/11 113/12 115/15 117/9 118/25 119/10 119/22 125/4 134/18 138/9 138/10 139/22 140/1 141/16 142/2 143/8 151/9 151/14 go-ahead [2] 138/9 138/10 goes [2] 142/21 145/23 going [38] 7/23 8/9 12/24 16/4 20/4 35/21 38/2 44/10 49/4 55/18 57/24 63/19 72/6 75/22 83/1 83/8 83/9 88/12 89/1 90/24 97/11 99/14 100/3 109/18 112/9 113/9 116/4 117/9 124/18 125/12 125/21 126/6 136/10 139/8 143/16 148/5 156/17 157/11 gone [6] 82/19 88/21 100/9 104/20 133/9 154/1 good [16] 1/3 1/6 1/8 1/19 2/10 7/21 7/21 8/25 11/12 49/20 55/1 86/20 98/20 109/11 131/25 143/18 got [20] 7/19 15/2 17/24 18/2 18/19 20/9 22/2 23/4 23/10 23/13 23/19 36/7 43/3 68/25 82/16 109/6 124/20 131/7 138/10 144/10 **GP [3]** 93/16 107/10 108/3 **GPs [7]** 89/17 108/2 108/5 147/25 154/13 154/14 154/21 grading [1] 100/25 gradual [2] 82/14 122/4 grant [1] 34/4 granted [1] 33/24 granting [1] 33/18 graph [1] 24/3 great [5] 24/4 36/10 53/17 97/16 128/19 greater [4] 2/24 4/17

(49) fallback - greatest

greatest [1] 50/12

4/19 95/3

G	130/2 133/25 135/12	126/25 140/8	103/17 104/11 113/5	145/4 153/10 153/20	127/23 133/8 133/25
	135/21 135/24 136/21	hard [2] 25/19 113/3	115/5 115/6 117/8	154/8	138/14 138/23 145/11
greeted [1] 104/16	137/23 138/20 139/5	Harland [1] 9/25	117/19 118/17 119/6	hepatitis A [3] 90/1	153/20
group [5] 1/21 32/9	140/22 141/3 142/11	harvest [1] 81/18	119/25 123/7 127/17	107/11 107/16	HMP [2] 108/21
56/16 105/20 110/20	143/24 144/9 144/9	has [24] 1/17 19/23	136/17 138/9 138/11	hepatitis B [24] 13/6	108/21
grouping [3] 75/6	144/12 145/11 145/13	24/5 24/20 24/25	138/11 138/12 142/25	48/2 48/18 83/12	hold [3] 28/9 51/13
75/7 75/8	147/1 148/20 153/13	62/11 64/4 64/22	143/4 143/11 143/22	83/16 83/19 83/24	142/7
groups [6] 13/23	153/20 153/24	67/12 83/23 85/3	Health's [1] 37/7	84/3 85/4 85/5 92/6	hold-up [1] 28/9
83/25 88/19 110/7	hadn't [6] 56/22 109/4		healthcare [1] 83/24	92/8 92/12 92/17	holder [3] 26/7 26/9
110/9 123/17	109/13 128/5 133/9	94/25 102/6 119/3	Healths [1] 46/20	93/16 94/16 96/8	26/17
guess [4] 97/22	144/8	120/4 125/20 147/9	healthy [1] 18/13	98/13 109/18 110/3	holding [1] 15/24
102/10 116/1 122/12	haemagglutination [1]	148/15 151/19 156/24	hear [8] 1/4 2/7 125/8	111/22 118/12 153/10	home [1] 70/18
guidance [2] 103/3	48/5	157/7	131/10 131/11 131/12		homosexuality [2]
103/4	haematologists [2]	hasn't [2] 106/11	131/12 131/23	hepatitis B screening	122/17 153/16
guidelines [8] 102/18	80/13 145/16	133/8	heard [3] 64/4 80/24	[1] 48/4	honest [1] 134/7
103/9 103/12 106/5	haematology [7] 2/19	have [273]	110/14	hepatitis C [8] 99/3	hope [5] 7/18 121/4
108/10 140/3 140/8	2/21 2/24 3/1 13/18	haven't [2] 106/7	hearing [3] 157/22	136/14 136/18 137/3	155/19 156/24 157/2
149/1	66/17 88/7	157/12	158/1 158/13	137/5 137/21 138/18	hoped [2] 19/24 22/14
Gunson [4] 94/9		having [17] 56/11	hearings [1] 157/25	145/4	hopefully [1] 146/22
94/13 110/11 154/17	haemophilia [33] 3/5	66/12 71/21 72/1 72/6	heat [4] 132/8 132/18	her [11] 38/3 66/10	hoping [1] 47/4
H	19/22 36/1 37/8 38/1	73/11 75/2 86/19	132/22 133/6	66/12 74/2 93/16	hospital [46] 1/9 1/13
	60/2 61/10 61/20	110/18 117/5 119/6	Heath [1] 55/6	98/24 116/25 125/17	2/21 2/23 3/7 3/19
ha [1] 153/11	62/14 62/17 62/18	125/17 126/13 128/10	heavily [1] 54/11	129/10 135/3 148/16	5/10 5/10 12/3 12/19
had [147] 3/14 3/19	62/19 62/25 63/24	135/21 138/1 150/9	held [16] 9/2 14/12	here [17] 31/2 60/11	27/2 28/13 28/14
3/19 4/17 5/14 6/25	64/7 64/14 66/9 68/8	hazard [1] 97/22	22/14 26/6 26/10 34/4	64/21 68/12 71/14	38/25 66/16 69/17
10/6 10/6 11/5 11/8	68/14 69/16 69/19	HBc [4] 90/5 91/17	34/13 63/22 64/5 64/9	79/12 91/7 95/10 99/7	69/20 70/3 72/7 76/3
11/15 18/13 18/14	70/1 70/6 70/16 70/21	91/23 92/4	90/22 108/21 129/3	104/13 114/20 114/23	76/17 76/23 77/15
19/22 20/19 22/7	72/19 72/25 73/20	HBs [3] 55/19 91/23	129/16 138/16 141/25		77/18 80/3 80/12
25/19 27/14 28/6	87/17 113/16 115/8	92/10	help [7] 65/4 81/11	148/9 148/15	80/20 88/7 89/12
28/17 28/25 29/2	151/4 151/12	HBs-Ag [1] 55/19	91/8 96/16 121/4	herself [1] 68/2	98/17 98/18 129/4
29/13 29/20 30/2 32/1	Haemophiliacs [1]	HBsAg [4] 47/24	156/24 157/8	high [9] 35/16 35/16	130/9 132/3 138/20
32/3 35/4 35/19 35/22	84/19	91/22 105/5 105/12	helpful [3] 41/17 46/6	74/10 83/25 108/16	140/6 140/8 140/9
36/20 38/13 40/17	haemophilic [1]	HCV [3] 145/2 145/21	132/10	111/17 122/23 123/17	140/10 146/4 146/25
41/24 42/10 45/18	151/21	147/14	hence [1] 18/15	155/25	147/2 147/7 147/12
47/7 47/7 48/5 48/21	half [12] 7/20 21/6	he [15] 5/16 5/20 5/21	hep [1] 134/3	high risk [1] 83/25	148/22 149/8
48/23 50/17 54/10	21/25 24/1 77/22	5/23 47/6 54/11 64/19	hep C [1] 134/3	high-level [1] 35/16	hospital-based [1]
54/12 54/21 54/23	83/23 115/16 121/9	103/15 119/15 125/7	hepatitis [89] 13/4	high-risk [3] 108/16	3/19
55/10 55/20 55/24	125/12 125/21 126/7	141/2 141/5 141/7	13/6 41/9 42/3 42/4	111/17 123/17	hospitals [16] 8/19
56/20 58/1 59/14	126/16	141/8 141/25		higher [9] 9/17 65/23	16/24 19/7 24/7 52/21
59/18 60/6 60/25	1		51/19 54/22 83/9	66/4 66/4 81/8 109/18	61/12 61/16 61/20
62/20 62/22 63/8	halfway [6] 18/4 44/23	100/24 139/12	83/12 83/16 83/17	110/3 110/20 111/21	63/11 68/6 70/9 70/17
63/16 64/1 65/7 65/15	84/17 106/21 146/23	headed [2] 54/4			
66/15 66/22 67/4	151/16		83/19 83/24 84/3 85/4		89/13 145/15 148/23 149/2
71/17 72/1 72/2 77/14	halls [1] 101/10	145/21	85/5 86/3 86/8 86/21 86/24 87/10 88/7	highest-risk [1]	
78/17 78/20 78/20	hand [6] 1/17 17/25 50/20 129/6 136/5	heading [21] 8/7		132/17	hour [5] 7/20 125/12
79/4 79/5 79/18 82/15	136/6	14/22 14/25 16/10 18/20 21/6 22/2 44/23	88/16 88/21 89/3 89/8 90/1 91/8 92/5 92/6	highlight [1] 156/3 highlighted [1] 147/9	125/21 126/7 126/16 hours [3] 8/24 9/4
82/19 84/1 84/25			3		126/7
86/11 88/21 90/10	handed [1] 120/12	68/25 84/17 89/9 92/15 103/14 105/2	92/8 92/12 92/17 93/7 93/16 93/22 94/13	Hillsborough [1] 24/13	
91/1 93/25 100/4	handedly [1] 6/21		1		house [4] 1/20 50/12
100/16 101/8 106/15	handful [1] 150/4	119/3 119/11 134/15 141/17 141/20 143/10	94/15 94/16 95/15 95/21 96/2 96/7 96/8	his [10] 6/21 50/20 51/9 54/11 93/16	105/8 106/21 houseman [1] 2/17
106/25 107/2 107/2	handing [1] 120/7	146/22	96/9 96/15 96/19	103/17 135/3 141/3	
107/6 107/19 109/8	handle [1] 41/25	140/22 headquarters [7] 1/12			how [31] 3/23 10/14
110/10 110/12 111/10	handled [1] 49/23		98/13 99/2 99/3 105/3	141/5 142/12	26/19 27/5 36/12 36/13 38/15 30/0 50/0
111/17 112/24 115/19	handling [1] 50/3	5/6 10/24 11/7 22/16		135/3	36/13 38/15 39/9 59/9 60/15 71/23 73/25
115/22 116/2 116/5	happen [4] 6/11 27/19		105/5 105/7 105/9		60/15 71/23 73/25
116/12 118/2 118/11	43/13 51/14	health [47] 7/17 8/3	105/17 105/24 106/14		81/17 92/21 92/25
118/13 119/5 119/8	happened [5] 28/2	26/1 27/23 28/4 28/18	106/25 107/11 107/12		93/3 97/20 104/10
119/13 120/7 121/21	28/14 43/2 43/11	29/15 29/21 30/5	107/14 107/16 107/19		106/2 111/23 112/10 115/17 110/23 125/23
121/23 122/1 122/2	65/11	30/20 31/12 31/20	108/13 109/18 109/21	103/17 105/4 105/16	115/17 119/23 125/22
122/6 122/7 122/23	happening [3] 15/4	31/23 31/24 35/7 36/2	110/3 111/22 118/12	105/24 106/3 107/6	126/17 127/23 128/9
125/24 127/18 128/10	72/11 133/20	41/7 44/20 46/8 53/8	133/16 134/16 134/18		138/3 138/25 149/14
128/12 129/11 129/13	happens [1] 125/15	57/14 67/9 71/22	3	HIV [12] 30/10 86/16	150/24
	happy [3] 126/10	72/16 73/2 103/16	137/5 137/21 138/18	102/11 127/11 127/12	nowever [5] 51/13
i .	1				

(50) greeted - however

	140/40	I managed [41, 440/47]	400/04 400/0 400/5	AIAE	440/40 440/40 440/40
<u>H</u>	142/10 I decided [1] 110/17	I managed [1] 140/17 I may [1] 140/14	100/24 102/9 103/5 I suppose [6] 26/15	4/15 I understood [2]	142/10 142/16 142/19 142/19 143/16 148/5
however [4] 55/11	decided [1] 110/17 did [5] 30/7 40/1	I may [1] 140/14 I maybe [1] 5/15	35/3 35/12 96/22 99/1	65/20 73/20	149/5 149/16 155/15
63/3 89/15 149/11	136/19 136/19 136/22	I mean [20] 4/1 9/24	153/11	l very [1] 99/9	156/8 156/12 156/15
HQ [1] 77/17	I did obviously [1]	37/23 63/7 66/15	I suspect [5] 36/6	I visited [1] 49/17	156/17 157/24 158/3
HRSC0000066 [1]	87/21	73/19 74/24 97/7		I want [7] 5/3 7/15	l've [7] 124/20 131/6
68/16	I didn't [2] 87/20	101/15 106/9 111/24	I then [2] 2/23 61/8	23/23 108/15 127/9	131/8 131/8 131/11
HTLV [7] 113/14	87/21	116/10 116/20 121/20	I think [144] 1/16 3/9	132/13 145/1	138/14 142/15
124/19 129/5 132/6	I do [6] 88/25 91/3	128/4 128/12 137/8	3/25 6/11 8/5 13/22	I wanted [6] 59/25	idea [3] 14/16 39/9
132/7 132/10 132/20	106/23 115/4 136/7	143/23 144/19 153/11	15/25 20/24 23/15	79/20 111/2 112/6	135/16
HTLV III [1] 132/7	136/8	I mention [1] 141/7	25/14 26/8 26/18	133/15 148/9	ideas [2] 3/24 32/6
huge [2] 67/2 74/11	I don't [51] 14/22 34/6	I mentioned [3] 37/23	29/10 30/1 31/6 31/7	I was [34] 2/20 2/25	identified [9] 24/21
human [1] 74/14	36/2 38/17 43/3 47/18	85/18 124/6	34/7 35/15 36/24 39/6	13/17 26/7 26/16	34/6 36/17 39/15
hundred [1] 129/21	52/17 52/23 53/16	I must [4] 11/10 48/12	39/11 39/23 42/11	27/13 38/1 41/23	54/22 67/14 75/2
hundred per cent [1]	61/5 64/11 64/11	108/13 133/3	43/12 45/20 45/23	48/14 63/7 65/12	137/10 147/24
Hyate [1] 69/24	72/13 73/23 85/11	I need [2] 47/19	47/6 48/6 48/6 48/8	66/18 66/20 73/16	identify [3] 48/22
hyperimmune [2]	85/12 85/21 95/7 95/9	149/17	48/8 49/2 51/6 53/17	73/19 85/23 86/9	54/12 96/10
54/23 76/10	97/6 99/4 109/12	I note [2] 83/1 124/18	56/24 57/2 58/10	86/16 87/18 91/14	ie [2] 120/25 132/6
		l obviously [2] 27/20	59/13 59/18 60/16	109/5 109/16 109/18	if [181]
<u> </u>	115/14 116/19 116/22	137/13	60/22 61/16 63/6 63/8	111/20 127/25 128/3	ignored [1] 98/12
l actually [1] 129/20		I once [1] 66/17	64/12 65/12 65/21	128/6 128/16 128/18	III [7] 113/14 124/19
I alluded [1] 29/10	118/20 119/19 123/11	I only [1] 143/8	65/24 72/4 73/11	133/6 133/12 137/8	129/5 132/6 132/7
I almost [1] 109/6	124/3 128/11 129/12	I particularly [1] 99/6	73/17 74/24 76/2	137/8 137/15	132/10 132/21
I also [3] 37/25	133/21 136/7 139/5	I personally [1] 48/12	76/25 77/4 79/23 80/22 81/2 81/7 81/14	I wasn't [4] 37/11 37/14 65/10 65/13	
113/17 130/16	144/20 145/16 145/17 148/17 149/4 149/16	I pick [1] 134/14 I presume [2] 37/6	81/16 81/18 81/23	1 will [1] 49/8	illegal [2] 122/17 153/17
I am [6] 95/8 106/2	153/11 154/21 155/5	135/24	82/15 82/15 82/19	I won't [1] 15/3	illness [3] 98/1 98/11
112/9 113/9 120/17	155/16 155/16	I probably [2] 7/4	82/23 85/2 87/5 87/7	I worked [1] 3/2	98/16
129/6	I enclose [1] 94/14	122/3	88/13 91/12 91/12	I would [29] 28/23	illnesses [1] 103/25
l apologise [1] 94/18	l expected [1] 80/24	I put [2] 38/3 116/16	96/20 96/25 99/16	31/3 41/13 51/6 52/3	illuminate [1] 65/2
l ask [2] 61/11 69/14		I realised [1] 137/13	100/15 102/13 103/5	57/11 64/12 65/22	illustrate [1] 39/23
l asked [2] 116/15	I first [1] 129/17	I really [1] 94/3	103/7 103/8 107/7	66/21 67/4 80/23	illustrates [1] 24/3
150/23	I found [1] 71/20	I recall [7] 73/6 87/2	107/12 108/1 108/22	85/23 97/9 98/25	imagine [6] 10/18
l assumed [2] 42/10 129/17	I guess [1] 102/10	87/5 87/7 87/10 90/15	109/12 109/14 110/25	109/14 111/24 111/25	93/2 94/5 118/15
129/17 I became [3] 35/23	I had [10] 29/2 30/2	115/21	110/25 111/6 111/7	113/22 116/20 117/22	142/10 152/17
37/24 40/4	35/22 60/25 63/16	I remember [14] 28/1	111/24 112/4 112/19	117/24 119/19 126/4	immediate [1] 47/22
l began [2] 109/13	66/15 72/1 72/2 86/11	39/24 57/16 60/22	113/19 113/19 114/5	126/5 135/15 143/21	imminently [1] 158/3
110/2	110/12	61/18 74/3 97/8	114/7 114/13 114/18	144/19 152/16 152/17	immunisation [2]
I believe [4] 46/17	I hadn't [1] 109/13	106/18 109/7 110/10	114/25 116/9 116/10	I wouldn't [3] 32/1	75/13 75/13
113/16 115/24 138/23	I have [10] 25/14 29/9	114/9 130/1 130/6	118/8 121/12 121/12	52/16 67/5	immunodeficiency [1]
I can [19] 1/7 5/11	39/9 41/4 106/17	149/1	121/12 121/21 121/22		24/15
31/14 31/16 32/14	106/17 107/4 107/8	I remembered [1] 137/15		l'd say [1] 107/17	immunoelectro [1]
52/24 53/14 88/18	150/4 156/20	137/15 I retired [1] 106/5	124/10 124/13 127/14		84/12 immunoelectro-osmo
107/18 109/4 118/15	I haven't [1] 106/7 I heard [1] 110/14	right [1] 65/2	127/24 133/3 133/6 133/12 134/7 135/16	12/7 13/7 14/16 21/21 42/4 84/5 115/2 148/7	phoresis [1] 84/12
124/17 131/2 131/11	I hope [4] 7/18 121/4	I said [1] 150/12	135/19 135/22 136/8	l'm [71] 1/11 7/23 8/9	immunoglobulin [5]
131/12 131/12 138/4	155/19 156/24	I saw [2] 140/20	137/8 138/2 139/20	12/24 16/4 20/4 25/7	12/23 17/19 47/1
142/19 142/23	I imagine [1] 94/5	150/12	140/12 140/13 141/6	37/3 37/8 38/14 40/8	68/11 71/5
l can't [24] 16/1 34/9		I say [10] 4/1 26/16	142/3 142/24 144/14	49/4 52/17 55/17 57/3	
36/23 43/8 43/10	I joined [1] 27/16	43/19 82/18 109/8	145/9 146/21 151/24	59/19 59/20 59/21	12/20 133/4 133/13
52/14 91/3 102/8	l just [13] 7/19 18/2	109/19 118/2 124/15	153/14 154/9 154/15	61/18 65/11 78/10	impact [9] 9/11 10/9
106/17 106/20 107/17	32/16 34/12 58/17	126/14 138/4	154/15 154/18 156/6	78/10 83/1 83/8 83/9	10/10 11/9 30/25 47/8
112/21 114/5 114/6	119/5 125/22 129/19	I see [1] 60/18	156/11 158/4	85/10 85/14 88/12	121/24 121/25 144/18
116/19 138/3 139/6 139/18 139/20 139/21	130/14 130/21 146/8	I seem [2] 95/10	I thought [2] 86/12	89/1 90/12 97/6 97/11	implemented [1]
142/13 148/25 150/21	157/2 157/13	130/17	127/25	99/14 101/21 104/14	134/24
153/25	I keep [1] 87/2	I seemed [1] 72/21	I took [2] 80/14 86/9	104/19 104/24 104/25	implicated [10] 90/6
I cannot [1] 138/23	I know [7] 43/9 53/11	I should [3] 29/21	I trained [1] 2/18	106/3 108/9 109/22	93/24 95/25 96/10
I certainly [2] 28/12	95/4 106/5 123/19	94/20 129/17	I turn [1] 86/3	114/8 117/9 118/16	96/14 96/18 96/21
29/20	130/11 142/15	I simply [2] 109/4	I understand [5]	124/18 126/10 126/25	97/1 97/3 98/5
I continued [1] 114/8	I lobbied [1] 27/21	110/2	32/24 34/17 74/17	127/20 127/21 129/19	implication [1] 93/4
I could [2] 3/17	I looked [1] 86/13	I spent [1] 37/24	151/23 152/1	129/21 130/11 130/14	
	I made [1] 46/8	I started [4] 100/3	I understand it [1]	138/22 139/8 141/18	55/4 150/10 150/15
L	<u> </u>	<u> </u>		(54) however implications

·	6/42 6/44 442/24	inhanitad [2] 00/40	110/00 104/0	24/44/24/40/24/05	27/46 40/44 40/46
<u></u>	6/13 6/14 113/24 incubation [2] 98/13	inherited [2] 26/10 108/25	112/20 124/9 interviews [2] 101/7	31/14 31/19 31/25 32/2 33/3 33/7 37/22	37/16 40/14 40/16 49/6 49/11 49/12 61/5
imply [1] 104/23	98/14	inhibitor [1] 74/11	101/17	38/23 39/2 40/25	68/3 68/4 68/18 72/8
importance [4] 35/23	indeed [14] 3/5 33/20	initial [2] 98/1 128/20	into [21] 11/3 13/22	41/20 42/8 42/16	78/6 81/16 85/2 89/3
88/5 96/1 97/13 important [15] 9/14	36/16 46/15 78/20	initially [3] 41/13 87/9	27/24 28/3 46/13 47/5	42/21 44/21 45/15	89/3 89/5 94/11 103/2
9/22 19/11 22/10	92/6 99/1 101/11	124/11	47/25 47/25 55/16	45/16 47/3 47/11	103/24 104/14 107/3
24/18 25/24 27/10	101/15 108/22 131/24	initiated [1] 94/22	57/9 66/23 68/7 77/16	49/21 53/3 53/9 53/22	121/19 122/16 125/4
28/17 30/9 35/17 87/4	136/19 139/25 151/24	initiative [5] 139/19	78/22 79/8 79/12	53/24 54/3 54/8 55/7	126/2 126/6 126/9
96/9 102/1 140/21	independently [1]	142/22 143/24 144/20 145/18	103/10 111/9 111/25	55/11 55/16 58/8	132/1 132/13 139/13
147/13	98/10 indicate [2] 106/6	initiatives [6] 25/23	117/11 125/22 intravenous [5] 112/7	58/22 59/10 61/13 61/25 65/18 65/25	143/4 144/11 148/8 151/11 151/14 154/3
imported [3] 87/23	134/1	141/8 141/10 143/14	112/25 113/6 118/10	67/15 68/6 69/9 69/23	items [3] 27/5 50/20
118/7 150/11	indicated [1] 118/13	143/18 143/19	134/5	70/14 71/7 72/16 73/2	107/3
imposed [1] 78/7	indicates [1] 106/8	inmates [1] 108/16	introduce [8] 41/9	73/3 73/24 82/9 83/13	its [8] 19/22 53/9
impossible [1] 48/20 impressed [2] 91/5	indication [2] 92/5	inoculations [1] 104/9	85/24 122/8 124/7	83/20 84/10 89/8	113/20 115/3 115/18
91/14	92/8	inpatient [1] 3/3	124/11 127/23 135/22	93/20 95/7 95/16	117/10 122/7 140/8
impression [1] 109/6	indications [1] 118/2	input [1] 41/4	137/12	97/18 97/21 102/1	itself [2] 10/23 72/15
improve [1] 55/12	individual [8] 53/13	Inquiry [8] 31/16	introduced [14] 82/17	105/25 111/12 112/24	iu [3] 41/1 52/6 52/6
improved [1] 85/16	74/7 93/2 102/13 107/9 110/8 110/8	62/11 64/4 66/6 81/17 85/3 105/15 157/17	84/13 85/16 105/19 106/24 117/17 124/16	113/7 115/6 117/12 117/25 118/6 119/12	IX [2] 12/19 69/18
improvement [2] 17/4	120/8	Inquiry's [2] 157/25	133/17 134/3 136/14	119/18 119/23 120/4	J
85/10	individually [1]	158/3	136/18 137/21 143/20	122/1 122/18 127/18	January [4] 64/19
inadequate [1] 33/19	120/25	insensitive [1] 85/7	155/21	133/18 134/2 135/17	69/11 71/8 119/25
inappropriate [1] 48/20	individuals [5] 102/13	inspection [6] 32/17	introducing [5] 122/4	137/22 138/7 138/12	jaundice [13] 89/10
incidence [14] 83/19	105/4 105/16 120/11	32/19 33/6 33/15	133/19 135/16 137/3	139/13 139/16 140/11	105/3 105/4 105/7
84/3 95/23 97/15	132/11	33/25 49/10	137/5	143/7 145/4 145/7	105/16 105/24 106/3
97/18 97/23 99/3	inevitable [1] 73/19	inspections [2] 33/1	introduction [8] 115/3		106/11 106/15 106/25
109/18 110/3 111/21	inevitably [1] 101/20 infected [2] 150/19	152/15 Inspector [2] 54/20	121/7 127/10 127/12 127/20 133/22 136/13	151/11 151/22 152/13 153/12 155/2 156/5	107/6 107/19 108/13 jaundice in [1] 106/15
112/25 113/6 118/12	157/1	110/14	145/22	157/1	jaundice/hepatitis [1]
153/14	infection [14] 83/12		invariably [1] 31/3	Ireland's [1] 40/12	108/13
incidents [2] 118/4	83/19 83/21 83/22	Inspectorate [4] 33/6	invented [1] 144/9	Irish [2] 32/7 157/9	jeopardy [1] 139/4
118/4	00/04/00/4/00/00/00/4/4				1 1 703 00/04 00/00
include [1] 124/13	83/24 98/4 98/9 98/14	51/13 55/4 55/14	investigate [1] 40/5	irrespective [3] 97/4	job [2] 29/21 36/20
include [1] 124/13	98/22 132/6 150/20	instance [2] 47/1	investigating [2]	108/4 133/19	John [1] 49/13
included [8] 8/23	98/22 132/6 150/20 153/3 153/4 153/8	instance [2] 47/1 90/23	investigating [2] 39/22 89/2	108/4 133/19 isolated [1] 4/2	John [1] 49/13 John Watt [1] 49/13
	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19	instance [2] 47/1 90/23 instances [2] 96/14	investigating [2] 39/22 89/2 investigation [4] 89/7	108/4 133/19 isolated [1] 4/2 issue [31] 24/16	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23	instance [2] 47/1 90/23 instances [2] 96/14 96/18	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23	instance [2] 47/1 90/23 instances [2] 96/14 96/18	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2]	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3]	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 invoived [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15 inform [1] 40/19	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5
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included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6 154/18 increased [9] 8/16 12/12 12/13 16/23 78/21 94/21 110/10 115/18 153/10 increases [1] 116/4 increasing [8] 12/9 16/20 19/23 22/22	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15 inform [1] 40/19 informal [1] 32/4 information [26] 21/7 55/2 64/15 72/7 72/9 87/21 110/2 110/16 113/5 114/10 121/4 123/2 123/10 124/2 128/20 129/19 141/22	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5 intended [6] 6/1 6/3 45/16 67/22 141/14 144/24 interactions [1] 46/7 interest [2] 140/22 144/22 interested [1] 86/17	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17 involvement [7] 62/20 62/22 117/7 127/11 127/14 127/19 146/15 involving [1] 37/6 Ireland [117] 2/11	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8 132/17 132/24 147/7 149/1 issues [19] 11/14 11/20 15/19 25/11 28/16 28/22 30/9 31/8	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5 4/22 June 1994 [1] 4/10 just [100] 1/15 2/21 6/15 7/19 8/9 9/5 10/22 13/13 14/15 14/17 14/24 18/2 18/4
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6 154/18 increased [9] 8/16 12/12 12/13 16/23 78/21 94/21 110/10 115/18 153/10 increases [1] 116/4 increasing [8] 12/9 16/20 19/23 22/22 23/2 25/20 25/22	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influencing [2] 110/4 110/15 inform [1] 40/19 informal [1] 32/4 information [26] 21/7 55/2 64/15 72/7 72/9 87/21 110/2 110/16 113/5 114/10 121/4 123/2 123/10 124/2 128/20 129/19 141/22 141/25 142/7 142/12 142/14 142/16 143/5	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5 intended [6] 6/1 6/3 45/16 67/22 141/14 144/24 interactions [1] 46/7 interest [2] 140/22 144/22 interested [1] 86/17 interesting [1] 147/14 interim [3] 55/9 87/5	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17 involvement [7] 62/20 62/22 117/7 127/11 127/14 127/19 146/15 involving [1] 37/6 Ireland [117] 2/11 2/14 3/21 4/3 4/6 4/12 4/23 8/8 8/12 8/20	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8 132/17 132/24 147/7 149/1 issues [19] 11/14 11/20 15/19 25/11 28/16 28/22 30/9 31/8 39/14 40/2 45/4 57/11 60/23 74/1 100/17	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5 4/22 June 1994 [1] 4/10 just [100] 1/15 2/21 6/15 7/19 8/9 9/5 10/22 13/13 14/15 14/17 14/24 18/2 18/4 20/6 20/10 21/22 25/21 30/11 31/2
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6 154/18 increased [9] 8/16 12/12 12/13 16/23 78/21 94/21 110/10 115/18 153/10 increases [1] 116/4 increasing [8] 12/9 16/20 19/23 22/22 23/2 25/20 25/22 82/12	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15 inform [1] 40/19 informal [1] 32/4 information [26] 21/7 55/2 64/15 72/7 72/9 87/21 110/2 110/16 113/5 114/10 121/4 123/2 123/10 124/2 128/20 129/19 141/22 141/25 142/7 142/12 142/14 142/16 143/5 144/11 147/3 155/17 informed [2] 64/2 94/5	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5 intended [6] 6/1 6/3 45/16 67/22 141/14 144/24 interactions [1] 46/7 interest [2] 140/22 144/22 interested [1] 86/17 interesting [1] 147/14 interim [3] 55/9 87/5 115/9 interpret [1] 92/11 interview [6] 101/8	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17 involvement [7] 62/20 62/22 117/7 127/11 127/14 127/19 146/15 involving [1] 37/6 Ireland [117] 2/11 2/14 3/21 4/3 4/6 4/12 4/23 8/8 8/12 8/20 9/25 16/11 16/14 17/17 18/21 18/25 19/8 22/19 28/4 29/16	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8 132/17 132/24 147/7 149/1 issues [19] 11/14 11/20 15/19 25/11 28/16 28/22 30/9 31/8 39/14 40/2 45/4 57/11 60/23 74/1 100/17 107/3 128/3 128/7 135/12 it's [42] 14/18 21/17	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5 4/22 June 1994 [1] 4/10 just [100] 1/15 2/21 6/15 7/19 8/9 9/5 10/22 13/13 14/15 14/17 14/24 18/2 18/4 20/6 20/10 21/22 25/21 30/11 31/2 32/16 34/1 34/7 34/12 40/13 44/10 44/16
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6 154/18 increased [9] 8/16 12/12 12/13 16/23 78/21 94/21 110/10 115/18 153/10 increases [1] 116/4 increasing [8] 12/9 16/20 19/23 22/22 23/2 25/20 25/22	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15 inform [1] 40/19 informal [1] 32/4 information [26] 21/7 55/2 64/15 72/7 72/9 87/21 110/2 110/16 113/5 114/10 121/4 123/2 123/10 124/2 128/20 129/19 141/22 141/25 142/7 142/12 142/14 142/16 143/5 144/11 147/3 155/17 informed [2] 64/2	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5 intended [6] 6/1 6/3 45/16 67/22 141/14 144/24 interactions [1] 46/7 interest [2] 140/22 144/22 interested [1] 86/17 interesting [1] 147/14 interim [3] 55/9 87/5 115/9 interpret [1] 92/11	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17 involvement [7] 62/20 62/22 117/7 127/11 127/14 127/19 146/15 involving [1] 37/6 Ireland [117] 2/11 2/14 3/21 4/3 4/6 4/12 4/23 8/8 8/12 8/20 9/25 16/11 16/14 17/17 18/21 18/25	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8 132/17 132/24 147/7 149/1 issues [19] 11/14 11/20 15/19 25/11 28/16 28/22 30/9 31/8 39/14 40/2 45/4 57/11 60/23 74/1 100/17 107/3 128/3 128/7	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5 4/22 June 1994 [1] 4/10 just [100] 1/15 2/21 6/15 7/19 8/9 9/5 10/22 13/13 14/15 14/17 14/24 18/2 18/4 20/6 20/10 21/22 25/21 30/11 31/2 32/16 34/1 34/7 34/12
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6 154/18 increased [9] 8/16 12/12 12/13 16/23 78/21 94/21 110/10 115/18 153/10 increases [1] 116/4 increasing [8] 12/9 16/20 19/23 22/22 23/2 25/20 25/22 82/12	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15 inform [1] 40/19 informal [1] 32/4 information [26] 21/7 55/2 64/15 72/7 72/9 87/21 110/2 110/16 113/5 114/10 121/4 123/2 123/10 124/2 128/20 129/19 141/22 141/25 142/7 142/12 142/14 142/16 143/5 144/11 147/3 155/17 informed [2] 64/2 94/5	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5 intended [6] 6/1 6/3 45/16 67/22 141/14 144/24 interactions [1] 46/7 interest [2] 140/22 144/22 interested [1] 86/17 interesting [1] 147/14 interim [3] 55/9 87/5 115/9 interpret [1] 92/11 interview [6] 101/8	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17 involvement [7] 62/20 62/22 117/7 127/11 127/14 127/19 146/15 involving [1] 37/6 Ireland [117] 2/11 2/14 3/21 4/3 4/6 4/12 4/23 8/8 8/12 8/20 9/25 16/11 16/14 17/17 18/21 18/25 19/8 22/19 28/4 29/16	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8 132/17 132/24 147/7 149/1 issues [19] 11/14 11/20 15/19 25/11 28/16 28/22 30/9 31/8 39/14 40/2 45/4 57/11 60/23 74/1 100/17 107/3 128/3 128/7 135/12 it's [42] 14/18 21/17	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5 4/22 June 1994 [1] 4/10 just [100] 1/15 2/21 6/15 7/19 8/9 9/5 10/22 13/13 14/15 14/17 14/24 18/2 18/4 20/6 20/10 21/22 25/21 30/11 31/2 32/16 34/1 34/7 34/12 40/13 44/10 44/16
included [8] 8/23 12/20 44/19 71/5 123/14 123/16 129/20 154/22 including [11] 3/6 16/21 53/24 66/6 68/21 76/8 88/19 100/6 108/7 113/25 122/10 incompleteness [3] 146/5 147/4 148/11 incorrect [1] 152/1 increase [15] 10/20 14/19 22/15 23/22 24/9 24/25 25/4 26/19 59/3 59/24 95/10 115/7 115/25 116/6 154/18 increased [9] 8/16 12/12 12/13 16/23 78/21 94/21 110/10 115/18 153/10 increases [1] 116/4 increasing [8] 12/9 16/20 19/23 22/22 23/2 25/20 25/22 82/12	98/22 132/6 150/20 153/3 153/4 153/8 infections [3] 84/19 84/24 97/23 infectious [3] 104/8 146/6 147/23 infective [6] 98/2 107/12 107/14 113/24 114/22 115/1 influence [6] 35/20 67/6 80/12 80/14 80/16 93/9 influenced [1] 93/2 influencing [2] 110/4 110/15 inform [1] 40/19 informal [1] 32/4 information [26] 21/7 55/2 64/15 72/7 72/9 87/21 110/2 110/16 113/5 114/10 121/4 123/2 123/10 124/2 128/20 129/19 141/22 141/25 142/7 142/12 142/14 142/16 143/5 144/11 147/3 155/17 informed [2] 64/2 94/5	instance [2] 47/1 90/23 instances [2] 96/14 96/18 instead [1] 80/8 institution [2] 108/20 108/24 institutional [1] 147/10 institutions [2] 108/17 155/10 instruction [1] 13/24 insufficient [2] 34/8 120/10 integrated [2] 46/13 47/5 intended [6] 6/1 6/3 45/16 67/22 141/14 144/24 interactions [1] 46/7 interest [2] 140/22 144/22 interested [1] 86/17 interesting [1] 147/14 interim [3] 55/9 87/5 115/9 interpret [1] 92/11 interview [6] 101/8	investigating [2] 39/22 89/2 investigation [4] 89/7 89/19 91/7 98/4 invitations [1] 32/13 invite [2] 20/21 139/10 invited [2] 21/2 56/15 invoices [1] 152/6 involved [26] 2/21 3/4 13/20 28/19 28/22 28/25 28/25 29/5 29/8 57/14 72/15 72/17 73/3 75/12 75/17 75/18 93/8 93/9 128/4 130/23 141/10 144/2 145/15 146/14 149/4 150/17 involvement [7] 62/20 62/22 117/7 127/11 127/14 127/19 146/15 involving [1] 37/6 Ireland [117] 2/11 2/14 3/21 4/3 4/6 4/12 4/23 8/8 8/12 8/20 9/25 16/11 16/14 17/17 18/21 18/25 19/8 22/19 28/4 29/16	108/4 133/19 isolated [1] 4/2 issue [31] 24/16 28/11 28/23 28/24 30/9 34/7 34/10 40/6 40/15 45/25 48/1 59/5 59/25 72/18 72/24 86/14 88/4 88/14 88/23 88/24 94/3 94/8 101/18 106/18 127/9 129/15 130/1 130/6 139/8 143/15 154/5 issued [20] 15/4 15/11 15/17 18/7 18/10 21/10 21/11 23/14 23/17 56/17 61/19 70/10 70/15 92/1 99/11 117/8 132/17 132/24 147/7 149/1 issues [19] 11/14 11/20 15/19 25/11 28/16 28/22 30/9 31/8 39/14 40/2 45/4 57/11 60/23 74/1 100/17 107/3 128/3 128/7 135/12 it's [42] 14/18 21/17	John [1] 49/13 John Watt [1] 49/13 joined [4] 2/14 5/4 27/16 109/6 joining [1] 37/11 Journal [2] 83/12 95/6 judge [1] 103/15 judgment [3] 93/11 130/23 139/2 July [4] 4/11 4/22 84/15 142/25 July 1987 [1] 84/15 July 2002 [1] 142/25 July 2009 [2] 4/11 4/22 June [4] 4/5 4/10 4/22 40/17 June 1980 [2] 4/5 4/22 June 1994 [1] 4/10 just [100] 1/15 2/21 6/15 7/19 8/9 9/5 10/22 13/13 14/15 14/17 14/24 18/2 18/4 20/6 20/10 21/22 25/21 30/11 31/2 32/16 34/1 34/7 34/12 40/13 44/10 44/16

	05/4 404/40 400/5	447/40 447/04 447/00	400/05 400/0 440/44	74/45 00/0 00/00	0040 0710 0740
<u>J</u>	95/4 104/18 106/5 106/23 108/6 109/21	117/18 117/21 117/23 119/5 120/7 120/10	100/25 102/2 118/11 143/23 149/8 149/9	74/15 83/8 88/22 97/17 102/11 107/17	86/13 87/9 87/16 100/5 108/18 113/4
just [71] 52/24	117/15 118/5 119/16	120/12 120/18 121/5	levels [4] 57/13 57/13	130/12 133/24 134/5	151/25
58/12 58/17 60/3 60/4	123/11 123/19 127/17	121/7 121/16 121/18	92/16 98/10	138/2 156/24	looked at [3] 36/18
67/8 69/14 74/12 76/8	128/11 128/16 129/10	121/21 122/5 123/25	leverage [1] 86/1	liver [3] 87/8 87/13	87/16 151/25
78/6 78/10 78/10	130/11 132/4 133/8	124/1 124/15 154/25	liability [1] 135/13	97/25	looking [13] 48/10
86/10 87/24 88/18	133/16 135/2 136/8	155/6 155/8 155/11	liaising [1] 100/7	load [1] 156/4	50/16 52/10 79/8
90/7 92/20 93/12	139/1 142/15 144/8	155/21	liaison [1] 98/17	lobbied [2] 27/20	79/15 85/2 110/18
93/13 94/7 95/5 95/11 96/16 96/20 97/11	150/17 153/11 154/21	leafleting [1] 155/2	licence [4] 33/18	27/21	116/11 118/8 130/23
97/11 102/19 102/22	knowledge [1] 125/1	leaflets [13] 117/3	33/24 34/4 144/10	local [6] 41/7 67/17	154/6 157/20 157/21
103/13 105/1 108/1	known [4] 9/24 84/1	119/7 119/13 119/17	life [1] 15/24	103/10 107/14 121/2	looks [5] 18/8 18/12
108/9 110/8 117/4	132/10 132/20	119/23 120/6 120/21	like [37] 4/4 5/12 10/4	156/9	18/12 65/3 116/5
119/1 119/5 125/14	knows [1] 66/6	121/3 121/10 155/4	10/19 15/21 18/12		lose [1] 72/21
125/22 126/6 129/17	L	156/4 156/8 156/10	18/12 30/10 38/19 43/25 48/13 60/17	location [2] 11/1 27/12	losing [1] 109/22
129/19 130/14 130/21	lab [2] 55/21 130/3	leap [1] 85/8 learn [2] 3/17 3/23	63/12 68/10 76/16	locations [2] 11/21	loss [3] 16/19 22/6 24/6
131/3 131/11 131/11	laboratories [10] 2/20		82/16 82/19 87/9	99/19	lost [8] 16/16 19/2
131/13 131/15 140/16	5/18 8/9 14/1 16/12	36/21 46/5 59/15 72/9	97/21 101/11 107/1	logic [1] 108/7	131/6 131/8 131/8
141/16 141/20 142/2	18/22 19/11 27/1 27/2	110/6 115/9 123/23	107/15 122/1 124/6	logical [1] 108/8	131/11 147/19 148/11
142/16 142/23 144/9	27/3	123/25 135/7 146/2	125/7 125/19 126/7	logistical [1] 38/12	lot [25] 10/7 32/3 32/6
144/19 146/8 146/16 146/19 148/7 148/9	laboratory [22] 2/19	149/19 156/2 156/25	126/9 126/23 128/17	London [14] 1/20 3/15	
148/23 150/4 151/5	3/6 7/1 12/14 12/16	leave [1] 59/5	133/3 133/24 135/13	30/22 30/23 31/1 31/3	57/21 57/22 57/25
151/15 156/17 156/23	13/4 13/9 14/2 17/11	leaving [1] 28/17	148/12 152/8 153/6	31/5 31/8 31/12 31/15	82/22 106/5 111/13
156/23 157/1 157/2	17/12 19/17 20/3	lectures [1] 13/20	153/13	118/16 119/25 136/17	114/9 121/17 124/2
157/13	26/22 26/23 26/24	led [6] 15/22 22/6	liked [1] 94/5	138/13	128/3 128/15 136/7
justified [1] 135/18	27/9 32/9 80/13 84/14	29/4 76/7 90/10	likely [12] 24/21 73/15		136/10 137/14 139/3
justifying [1] 140/19	85/19 89/13 89/24	107/24	103/2 114/22 115/1	27/11 40/16 57/10	141/8 141/10 149/5 149/6
K	lack [4] 34/8 95/23 97/19 98/7	left [7] 28/21 86/15 105/20 106/22 119/8	117/25 118/3 118/13 134/1 147/18 147/20	86/25 94/19 110/24 125/22 126/17 127/23	low [13] 15/19 38/14
	LAF [1] 50/21	121/10 155/22	150/7	141/12 149/14 151/20	92/8 95/23 99/4
keen [9] 28/12 48/14	Lane [4] 39/23 39/25	legal [2] 1/15 156/18	limit [3] 20/19 58/20	157/4 157/11	112/25 113/1 113/6
71/25 72/3 85/23	40/14 40/18	length [4] 20/22 21/1	73/17	long-term [1] 86/25	118/3 118/10 118/11
128/1 128/2 145/9 145/10	Lane's [2] 43/3 43/6	66/25 130/1	limitations [1] 78/6	longer [13] 6/6 20/15	118/14 153/13
keep [5] 9/5 87/2 87/3	large [6] 15/24 16/3	less [8] 8/14 18/9 80/3	limited [3] 69/8 74/22	21/1 21/2 58/20 76/9	low-risk [1] 118/14
102/2 149/25	52/15 93/8 111/11	110/21 110/22 111/8	77/5	77/20 81/25 90/14	lower [2] 48/7 150/19
keeping [9] 5/22	116/3	111/8 134/1	limiting [4] 26/17	90/19 90/20 90/25	lowest [1] 97/16
133/23 146/5 147/4	largely [2] 6/20 28/21	let [6] 43/19 119/1	76/20 77/2 78/24	149/17	lunch [1] 83/2
148/11 148/22 148/24	larger [1] 12/10	125/6 129/10 135/2	limits [1] 73/23	look [59] 7/13 7/16	Luncheon [1] 83/6
149/2 149/3	last [20] 23/23 33/16 47/16 51/23 51/25	155/19 let's [2] 35/14 127/1	line [9] 23/5 35/12 47/25 88/2 88/3 90/17	7/19 14/15 14/17 16/4 23/23 25/20 32/23	M
Keiran [2] 141/2		letter [35] 20/21 21/2		40/13 42/6 42/19	machine [2] 12/2
142/11	60/8 61/1 71/3 96/4	40/15 41/23 43/9 46/2		44/10 48/25 49/6 49/8	76/21
kept [1] 58/8	97/12 104/18 106/12	46/3 49/9 49/12 49/15	71/3 123/8	49/16 52/24 52/25	machinery [1] 136/21
key [1] 80/8	117/17 119/4 145/1	52/23 58/13 58/14	link [4] 19/12 22/19	58/12 64/18 67/8	machines [6] 75/25
kilograms [1] 23/22	151/21	61/6 64/18 65/6 65/8	85/24 150/16	68/16 83/14 84/6 88/1	76/5 76/12 77/5 77/13
kind [22] 13/14 27/18 28/8 29/16 34/13 37/3	lasting [1] 157/14	65/12 68/3 68/9 94/9	link-up [1] 150/16	89/1 91/9 94/7 95/11	77/19
37/3 37/9 65/22 66/3	late [4] 103/6 115/23	107/10 119/24 120/1	linked [1] 29/7	99/11 102/19 103/13	made [31] 7/18 8/23
99/25 101/9 106/21	125/2 150/6	120/18 121/8 121/13	liquid [4] 38/10 38/19	107/18 117/5 118/8	9/7 16/19 19/14 38/15
107/8 112/23 118/7	late 1982 [1] 150/6	128/23 129/13 129/14	40/22 41/10	118/18 118/23 121/5	39/10 40/5 42/15 45/8
123/2 128/5 133/1	later [15] 10/3 11/22	131/4 132/1 139/14	list [2] 44/17 67/21	124/4 128/22 131/3	46/5 46/8 47/15 50/2
142/7 143/19 154/12	12/8 13/7 29/7 42/4 57/3 68/16 77/25	154/16 154/16	listed [2] 103/21	131/25 134/10 139/10	51/9 53/6 62/25 63/14
kinds [1] 133/4	123/20 126/5 131/3	letters [3] 39/23 40/14 74/3	103/25 listened [1] 125/17	142/23 145/2 145/4 145/6 145/8 145/12	63/24 93/11 119/6 120/16 132/10 138/15
Kingdom [3] 34/14	148/6 149/24 151/24	leukaemia [2] 3/5	listening [2] 1/24 1/25		141/1 142/15 143/23
133/20 137/6	latter [4] 4/16 17/4	12/6	literature [3] 86/10	146/19 148/8 151/5	152/19 154/3 154/4
knew [2] 63/18 107/11	62/18 108/23	level [29] 16/20 32/5	86/17 113/23	151/6 151/16	155/8
know [47] 11/12 27/11	Lawson [3] 44/19	32/5 32/7 32/12 35/16	1	look-back [5] 145/2	Magilligan [1] 108/21
37/2 37/9 38/17 43/8 43/9 53/11 58/2 61/5	45/15 55/5	35/17 36/10 36/11	little [25] 5/3 5/12	145/4 145/6 145/12	mailing [1] 122/8
43/9 53/11 58/2 61/5 62/11 63/15 72/8	lead [2] 20/17 22/15	40/7 40/10 48/7 53/7	11/22 12/25 13/2		main [13] 4/16 5/14
72/11 72/13 85/21	leads [1] 59/25	57/15 57/18 57/21	18/15 32/16 32/23	lookback [2] 145/21	50/7 58/4 58/14 77/1
86/16 91/6 91/14 93/8	leaflet [26] 112/8	59/19 59/19 65/24	34/12 44/16 48/24	147/14	77/9 88/1 90/17
	115/2 117/6 117/11	66/4 66/5 74/10 92/8	59/20 59/20 65/3	looked [8] 36/18	103/18 140/18 140/19
					(53) just - mair

(53) just... - main

M		
ma	ain [1] 14 ainly [5] 12	46/14 2/5 20/14
32 ma	2/5 32/8 42/ aintain [5]	/14 25/19
42 11	2/17 71/25 1 12/3	72/3
	aintained [ˈ aintaining	
1)/14 130/25 aintenance	
ma)/19 50/21 ajor [13] 10	
28	7/20 27/24 2 3/9 28/22 29	9/6 37/14
ma	7/1 71/19 74 ajority [2]	
ma	07/10 ake [10] 10	
64	7/19 38/11	98/15
ma	19/14 142/1 aking [7] 2 00/7 108/9	8/19 37/4
13	34/9 139/1 anaged [4]	
14	10/17 140/2 10/18 nagement	4 157/18
26	6/11 26/13 : 6/10 70/7 14	29/13
ma	anager [2] anagers [2]	7/9 68/5
68	3/5 anual [2] 7	
	5/23 anufacture	[2]
ma)/20 115/18 anufacturir	ng [3]
ma	3/18 33/24 (any [18] 9/	2 16/17
76	8/25 72/24 1 8/7 80/22 8/	2/23
86	2/24 85/12 8 3/13 90/15 9	92/21
ma	2/25 93/4 99 arathon [1]	157/2
13	arch [3] 46 34/12 arked [1] 8	
ma	arkers [3] : 2/17 93/16	
ma	arks [1] 11 ary [2] 2/1	
ma	aterial [9] 4	41/4
74	1/12 151/18 52/2	
ma	aterialise [ˈ atter [10] 2	6/19
55	5/11 55/20 19/7 124/24	73/9

126/1 126/2 140/24 matters [7] 30/8 37/8 45/24 46/16 46/24 47/10 55/17 Maw [2] 132/1 133/7 maximum [2] 77/4 78/2 may [45] 3/12 4/10 37/18 37/18 40/4 43/21 43/23 45/21 46/19 46/20 46/24 58/14 59/9 60/5 60/22 61/15 65/13 82/22 90/22 92/4 93/6 94/11 97/12 98/7 98/12 104/25 105/5 105/17 107/12 110/20 114/5 114/6 122/3 123/10 123/13 124/15 125/19 125/20 126/2 126/3 132/1 140/14 148/25 154/8 156/6 May 1984 [1] 59/9 May 1994 [1] 4/10 maybe [12] 5/15 25/23 65/25 71/23 74/8 106/14 110/22 122/12 140/14 142/17 149/24 154/16 Mayne [23] 35/25 37/25 61/12 62/1 62/9 64/8 64/19 66/7 66/12 66/18 66/20 68/2 69/20 70/4 73/25 115/4 116/16 116/18 116/20 150/9 150/12 150/16 151/13 MCA [2] 34/5 34/6 McClelland [69] 1/3 2/5 2/7 4/16 7/17 8/2 10/8 11/22 12/24 13/13 15/15 17/9 20/4 21/16 23/15 40/14 42/5 44/7 44/18 48/1 49/8 49/19 50/17 51/1 51/4 51/9 51/15 52/8 53/5 56/18 60/1 60/4 61/8 65/1 67/18 77/8 81/22 83/8 95/1 95/17 103/1 105/14 113/12 114/3 115/16 117/6 117/16 119/13 121/6 124/22 125/6 125/8 127/9 131/10 131/23 132/23 139/25 141/3 141/15 141/24 142/5 145/2 146/9 149/11 150/4 151/24 155/18 156/21 159/3 McClelland's [2]

156/18 157/19

me [27] 1/4 1/6 2/7

3/22 4/3 5/12 6/2 7/7 7/16 20/10 31/17 43/19 46/6 64/16 109/10 115/13 119/1 124/5 125/6 125/8 126/1 126/1 131/10 131/23 146/9 153/14 155/19 mean [30] 4/1 9/24 35/14 37/13 37/23 42/7 59/13 63/7 65/20 66/15 73/19 74/24 90/15 97/2 97/7 100/6 101/15 106/9 111/24 116/10 116/20 121/20 122/20 128/4 128/12 137/8 143/23 144/19 150/15 153/11 meaning [1] 60/5 meaningful [2] 144/6 144/6 means [1] 96/17 meant [8] 36/25 52/11 60/6 63/25 64/1 76/15 76/20 81/21 measurement [1] 153/6 measures [8] 24/18 118/18 118/19 129/7 130/7 130/19 130/20 132/4 mechanics [2] 49/22 58/6 medical [27] 4/11 7/11 13/9 13/10 13/15 13/19 30/3 30/4 30/8 31/19 32/7 32/8 65/25 72/17 73/3 83/11 95/6 101/14 101/18 102/23 103/14 103/17 104/5 106/19 107/7 112/10 143/6 medicine [4] 2/19 132/2 140/2 141/1 Medicines [8] 33/6 33/15 51/12 54/9 54/20 55/4 55/14 110/14 meet [7] 6/16 25/3 47/16 51/10 58/24 60/13 79/6 meeting [21] 39/24 39/24 43/5 44/13 44/19 53/20 53/22 54/1 55/24 56/19 56/22 57/6 113/18 113/21 118/24 119/4 134/11 135/6 136/9 139/23 142/21 meetings [17] 34/13 34/15 34/21 36/3 37/6 56/15 73/8 73/8 88/18

91/4 100/14 106/19 110/12 130/2 130/3 136/2 136/3 member [1] 29/11 members [3] 9/16 45/11 139/13 memo [2] 68/3 68/15 memorandum [2] 67/9 102/23 memories [2] 25/16 157/11 memory [1] 124/5 mention [3] 141/7 144/4 157/24 mentioned [12] 20/18 25/24 37/23 85/18 99/21 111/3 118/9 124/6 124/8 134/5 136/9 141/3 merged [1] 5/21 merit [1] 122/3 message [5] 99/6 99/10 123/13 123/16 133/7 messaging [1] 123/15 met [6] 8/21 16/25 19/8 24/8 32/10 60/12 method [12] 48/3 48/5 48/15 48/17 48/21 55/25 55/25 75/14 75/23 81/15 105/12 119/8 methods [1] 25/20 microbiological [1] 50/11 microbiology [1] 130/3 mid [4] 48/6 76/6 103/6 140/16 mid-1970s [1] 48/6 mid-90s [1] 140/16 mid-eighties [1] 76/6 middle [1] 36/6 middle '80s [1] 36/6 miaht [39] 31/9 31/9 36/13 39/18 40/11 46/6 51/25 52/7 55/10 65/16 67/1 92/7 93/9 102/5 102/10 110/9 110/19 111/16 111/17 112/11 112/14 112/22 118/6 118/17 121/17 122/9 122/20 122/21 122/22 128/10 130/13 142/11 149/12 149/15 149/17 153/15 154/4 154/18 155/10 mild [1] 87/10 milder [1] 89/16 mildness [1] 98/1 military [15] 109/16 111/3 111/5 111/16

153/10 153/16 153/19 153/23 154/24 155/3 155/4 155/9 156/1 156/3 156/12 military sources [1] 111/5 million [1] 52/6 mind [4] 57/5 58/5 72/22 102/11 minima [1] 52/2 Ministers [1] 119/6 minuted [1] 130/4 minutes [17] 36/3 44/11 44/13 45/20 116/15 119/2 124/20 124/21 125/11 126/16 131/16 131/17 139/23 142/24 149/17 149/19 149/19 missed [2] 92/9 97/20 mixed [1] 11/13 mixing [1] 109/16 mixture [3] 20/18 57/11 79/4 MLSO [2] 32/9 70/2 MLSOs [1] 13/15 Mm [1] 92/25 **MMWR [3]** 113/17 114/4 114/18 moderate [1] 98/14 modest [1] 42/25 modification [2] 50/4 50/23 moment [6] 2/2 60/4 84/6 111/3 115/2 131/11 Mondays [1] 22/14 money [5] 27/1 27/5 28/7 28/10 28/10 monitoring [2] 4/19 50/11 month [2] 3/14 56/7 monthly [1] 49/24 months [12] 16/1 16/1 17/4 41/7 49/2 57/3 57/9 105/8 105/10 105/18 106/12 153/25 more [35] 1/22 6/14 9/19 10/15 13/24 35/13 48/11 60/10 61/8 68/9 76/18 76/21 77/4 78/15 80/4 80/21 80/23 81/18 81/18 82/14 83/23 87/12 88/17 99/14 101/4 104/21 106/12 122/21 125/11 135/18 147/20 148/10 148/23 149/6 150/21 morning [7] 1/3 45/22 100/16 108/18 124/25 126/4 126/8

MORRIS [6] 2/5 65/1 141/2 142/10 142/11 159/3 Morris McClelland [1] 65/1 Morris's [1] 142/18 most [17] 14/19 15/21 35/3 35/16 35/17 36/24 47/22 75/4 80/11 87/3 87/4 108/1 115/1 117/15 118/14 147/13 147/19 mostly [1] 87/9 move [13] 21/22 29/3 47/24 48/12 52/8 52/12 52/19 74/15 81/8 83/1 124/18 139/8 152/23 moved [3] 2/23 3/8 28/13 movement [1] 64/23 moving [1] 131/9 Mr [4] 54/7 55/3 70/2 70/11 Mr Carville [1] 70/2 Mr Carville's [1] 70/11 Mr Watt's [1] 55/3 Mr Watts [1] 54/7 Ms [5] 2/2 2/6 72/21 126/15 159/4 Ms Richards [5] 2/2 2/6 72/21 126/15 159/4 much [34] 3/17 3/21 5/22 6/21 9/17 9/19 15/22 29/5 29/8 38/15 52/18 54/13 59/15 65/5 72/18 73/15 74/8 79/14 81/8 90/14 90/25 90/25 99/9 110/13 111/23 112/21 129/1 131/1 131/1 137/24 138/3 138/4 138/25 157/15 multiple [3] 84/24 85/1 93/7 must [13] 11/10 15/20 43/11 46/18 48/12 67/14 69/25 97/19 98/3 99/8 108/13 122/11 133/3 my [42] 2/17 3/18 3/18 3/22 5/15 7/5 13/17 25/16 27/20 29/21 33/11 35/20 39/21 40/19 58/10 59/6 73/11 79/17 85/22 95/4 109/8 109/22 109/22 110/6 113/5 113/14 116/10 121/13 124/5 125/24 135/19 136/19 136/23

(54) main... - my

M my... [9] 137/11 138/8 138/22 141/14 146/15 149/10 154/16 156/20 156/24 myself [5] 4/1 31/22 63/8 71/20 124/22 name [1] 74/8 named [1] 70/10 **natal** [1] 13/5 national [18] 35/5 35/12 35/12 44/14 102/18 103/4 103/11 117/23 118/1 118/22 118/22 127/11 134/8 134/9 134/25 137/19 145/5 145/6 nationally [3] 35/5 35/8 109/19 native [1] 153/12 nature [2] 29/14 127/16 NBTS [3] 102/23 103/21 103/22 NBTS 110 [1] 103/22 NBTS 110A [1] 103/21 near [1] 40/20 nearby [1] 9/3 necessarily [1] 88/8 necessary [6] 19/20 19/21 49/19 57/18 143/25 144/13 necessitate [1] 104/7 need [16] 6/10 12/9 14/22 45/8 47/19 50/10 51/11 52/23 55/15 55/21 68/24 94/22 124/22 141/14

149/15 149/17

19/7 24/7

67/17

112/1

11/12

needed [1] 130/7

needle [1] 112/14

needs [4] 8/19 16/24

negative [1] 105/11

negligible [1] 97/17

negotiated [2] 53/10

negotiation [1] 53/17

never [3] 29/23 73/16

new [38] 6/5 6/11 7/8

17/5 19/3 22/9 22/11

11/17 16/19 16/21

24/6 26/18 27/11

27/12 27/17 27/21

28/7 29/10 29/11

nevertheless [1]

33/21 33/23 41/12 54/13 55/8 63/6 68/4 68/11 76/11 77/19 78/13 79/10 91/8 100/8 124/11 128/6 135/1 144/9 152/23 next [40] 1/15 7/15 9/6 11/16 11/23 14/23 16/4 23/12 32/16 33/22 34/12 45/9 50/1 50/14 51/7 51/18 51/21 54/25 56/2 57/15 59/25 60/9 61/1 69/12 84/23 89/1 91/20 104/20 105/1 108/15 112/9 113/9 119/10 124/19 127/9 128/14 133/15 141/16 151/9 152/12 NHBT0094549 [1] 94/10 **NHS [3]** 64/3 150/18 151/19 NI [2] 98/19 98/20 NIBS0000046 [2] 131/5 131/25 NIBS0001089 [1] 145/20 NIBS0001295 [1] 148/8 NIBS0001680 [1] 46/1 NIBS0001698 [1] 49/11 NIBS0001714 [1] 64/18 NIBS0001719 [1] 58/12 NIBTS [36] 26/5 26/7 30/17 31/4 33/19 33/21 46/12 47/9 47/23 48/3 49/4 56/6 63/14 63/17 63/21 64/1 71/15 71/20 77/17 78/1 78/3 80/2 89/12 90/4 107/22 111/5 115/18 115/21 140/15 140/18 141/21 141/25 142/7 145/21 147/13 149/4 NIBTS/Eastern [1] 63/21 night [2] 8/25 51/14 NIHD [1] 51/15 nitrogen [1] 41/10 no [70] 5/11 15/18 20/15 20/22 21/1 21/2 26/19 27/16 28/7 30/14 31/13 31/13 38/25 39/9 42/23 43/4 47/1 47/22 50/12 51/6 51/12 54/16 58/20

60/10 62/20 62/22

62/22 64/11 65/10 65/13 72/2 76/9 76/25 77/19 81/4 81/25 90/19 90/20 90/22 92/17 102/13 106/4 106/18 106/22 109/16 115/13 115/13 116/19 116/19 119/20 126/5 127/14 127/14 129/25 139/21 141/13 141/13 146/17 147/1 148/17 148/17 148/17 148/17 149/1 152/4 152/5 152/9 153/4 156/19 156/20 nodded [1] 10/13 non [43] 70/18 86/3 86/3 86/8 86/8 86/21 86/21 86/24 86/24 88/6 88/6 88/15 88/16 92/5 92/5 92/6 92/6 92/12 92/12 92/13 92/13 94/16 94/17 95/6 95/6 96/8 96/9 97/23 97/24 97/24 98/9 98/9 98/14 98/14 99/9 106/14 106/14 133/16 133/16 134/16 134/16 134/24 134/24 non-A [12] 86/3 86/21 86/24 88/6 88/15 92/5 92/13 96/8 97/24 106/14 133/16 134/16 non-A, non-B [6] 92/6 92/12 95/6 98/9 98/14 134/24 non-A, non-B hepatitis [1] 86/8 non-B [13] 86/3 86/21 86/24 88/6 88/16 92/5 92/13 96/9 97/23 97/24 106/14 133/16 134/16 non-notification [1] 99/9 none [1] 67/16 normal [6] 92/17 92/19 92/21 92/23 103/16 125/4 Northern [117] 2/11 2/14 3/20 4/3 4/6 4/12 4/23 8/8 8/11 8/20 9/25 16/11 16/14 17/16 18/21 18/25 19/7 22/19 28/4 29/16 30/5 30/21 30/22 31/14 31/19 33/2 33/7 37/22 38/23 39/2 40/12 40/25 41/20

42/8 42/16 42/20

44/21 45/14 45/15

47/2 47/11 49/21 53/3

53/8 53/21 53/24 54/3 54/8 55/7 55/11 55/16 58/8 58/22 59/10 61/13 61/25 65/18 65/25 67/15 68/6 69/9 69/23 70/14 71/6 72/16 73/2 73/3 73/24 82/9 83/12 83/20 84/10 89/8 93/19 95/7 95/16 97/18 97/21 102/1 105/25 111/12 112/24 113/7 115/6 117/12 117/25 118/6 119/11 119/17 119/23 120/4 122/1 122/17 127/18 133/18 134/2 135/17 137/22 138/7 138/12 139/13 139/16 140/11 143/7 145/4 145/7 146/10 148/20 148/23 151/11 151/22 152/13 153/12 155/2 156/5 156/25 157/9 Northern Ireland [6] 47/11 61/13 73/2 82/9 113/7 153/12 Northern Ireland's [1] 40/12 not [148] 2/21 5/9 5/17 6/16 11/1 12/20 17/24 19/25 24/16 25/14 25/23 26/7 26/10 26/16 29/8 31/22 32/1 37/2 37/3 37/8 37/9 37/18 38/11 38/14 38/23 39/18 40/8 40/16 40/23 41/24 43/20 43/21 44/18 48/17 49/4 51/14 52/17 55/3 55/17 56/13 56/20 57/4 57/19 59/15 59/19 59/19 59/21 59/22 60/14 65/11 66/1 68/8 68/14 71/15 74/7 74/12 74/13 74/13 75/7 76/1 76/17 76/22 77/3 77/17 79/9 79/9 80/11 85/4 85/10 85/13 85/14 85/16 85/17 88/8 90/12 91/13 92/1 93/12 93/18 95/4 95/8 95/8 97/6 104/14 104/24 104/25 104/25 105/6 105/8 105/18 109/2 109/15 110/7 110/18 111/16 114/8 117/9 118/14 119/13 120/15 120/15 120/19 120/20 149/12 149/19 150/23 120/25 121/16 121/17 151/23 154/5 157/17

123/16 126/1 127/14

158/1

127/15 127/20 127/21 129/4 129/21 131/8 132/9 132/19 133/17 135/15 137/17 137/21 140/12 141/18 143/16 143/19 144/3 145/8 145/8 146/2 146/24 146/25 147/5 147/8 147/16 147/21 147/24 148/5 149/5 149/18 151/2 152/2 152/4 152/9 153/3 153/7 154/1 155/15 156/12 note [3] 56/19 83/1 124/18 noted [5] 54/5 55/20 93/12 93/14 119/4 notes [3] 53/20 146/6 147/5 nothing [3] 27/18 106/20 139/6 **notice** [1] 10/21 noticed [1] 120/9 notification [8] 95/23 95/24 97/19 98/3 98/7 98/20 99/9 154/7 notifications [1] 154/10 notified [3] 93/16 93/22 147/2 notify [1] 154/21 notifying [1] 93/22 notion [1] 38/3 November [4] 89/4 90/3 90/9 102/25 November 1977 [1] 102/25 November 1982 [2] 90/3 90/9 November 1983 [1] 89/4 now [64] 1/9 3/25 6/19 19/17 22/2 24/21 25/25 28/16 32/16 35/24 43/18 45/24 46/6 49/2 52/11 54/23 58/25 59/5 59/7 59/11 62/11 66/6 67/20 67/25 76/11 76/16 79/10 80/18 83/4 83/9 84/5 99/14 101/9 105/14 110/18 111/2 112/8 115/2 117/3 117/15 121/1 123/19 124/25 125/1 125/12 126/3 126/11 126/12 126/24 127/2 129/12 131/7 135/5 137/1 139/8 145/1 145/3

now-familiar [1] 22/2 number [27] 7/8 8/13 8/16 12/12 16/23 18/16 19/4 22/16 23/5 24/3 24/9 24/18 25/21 25/22 27/13 53/23 66/22 75/15 75/18 87/17 89/15 91/11 93/9 93/12 94/20 95/3 132/4 numbered [1] 42/19 numbers [10] 14/8 25/11 75/16 75/22 89/22 109/17 109/20 111/8 111/10 154/17 numerous [1] 10/4 nurse [3] 7/6 100/24 100/25

0 o'clock [3] 126/10 157/14 158/10 objective [2] 36/17 37/15 objectives [1] 27/21 observations [2] 51/3 148/16 observe [1] 34/24 observed [1] 44/18 **observers** [1] 44/19 observes [1] 47/14 obtain [2] 62/21 147/3 obtained [9] 67/14 67/16 67/25 68/2 69/22 69/23 89/24 91/24 147/6 obtaining [1] 107/10 obvious [3] 9/18 35/3 112/12 obviously [38] 20/20 27/9 27/9 27/20 27/21 28/17 28/23 29/6 32/2 35/18 36/12 39/10 47/6 56/21 59/18 60/20 61/5 68/13 81/11 85/23 86/16 87/20 87/21 91/6 104/15 106/9 112/24 124/22 128/12 130/22 133/4 135/5 136/23 137/13 139/3 145/14 148/19 150/18 occasion [1] 91/24 occasional [3] 3/20 74/19 108/2 occasions [2] 97/1 97/3 occurred [4] 83/21 84/19 97/9 97/9 October [7] 67/10 95/18 109/1 110/24 127/24 128/24 132/7

(55) my ... - October

0	7/23 30/1 38/8
October 1983 [2]	38/18 39/7 42/2
109/1 110/24	50/24 54/12 58
October 1985 [2]	70/10 71/13 74
95/18 132/7	79/9 79/9 90/11
odd [1] 14/18	94/14 106/10 1
off [6] 18/1 56/9 63/11	107/17 110/18
101/16 101/19 102/9	114/12 122/16
offender [2] 108/17	onset [1] 110/4
108/20	onto [1] 48/14
Offenders [1] 11/19	onwards [2] 84
offer [1] 142/16	151/2
offered [1] 148/2	open [4] 11/18
officer [14] 30/1 30/3	105/20 134/21
30/3 30/4 65/25 72/17	opened [3] 16/
73/3 101/14 101/18	22/9
104/5 104/17 104/24	opening [3] 16 22/10 24/6
106/19 107/7	
officers [3] 13/10	operate [1] 46/ operated [4] 6/
112/10 143/6	34/25 35/2
offline [1] 131/15	operation [2] 6
offs [1] 8/19	48/5
often [5] 11/11 25/20	operational [2]
30/16 59/12 120/9	57/21
Oh [2] 82/15 153/11	operations [1]
Okay [2] 72/12 150/22	operative [1] 6
old [8] 5/13 5/13 29/1	opinion [2] 79/
78/3 91/9 91/10 91/10	107/25
100/25	opportunities [
oldest [1] 90/19	25/21 101/12 1
once [5] 1/25 62/5	opportunity [5]
66/17 77/1 119/14 one [70] 1/23 3/14	85/25 88/10 12
3/20 5/21 6/25 7/1	125/3
9/23 10/3 10/21 11/8	opposed [3] 79
27/20 27/24 28/6	102/12
29/13 31/7 31/16	optimal [4] 81/
31/19 33/8 39/15 40/7	81/19 82/1 82/5
40/13 40/14 44/7	option [1] 56/4
48/22 53/3 53/19 56/7	options [1] 134
63/16 64/1 66/2 66/23	or [171]
68/5 76/20 80/24	or/stroke [1] 1
81/15 81/19 83/20	oral [3] 101/8 1 126/20
84/22 85/8 87/2 90/9	
91/4 91/6 94/4 100/4	order [9] 25/19 58/24 63/9 86/1
100/24 108/13 108/18	102/2 116/3 12
109/7 114/8 118/7	ordered [7] 64
118/13 118/14 118/14	150/25 151/3 1
120/15 128/14 128/19	152/2 152/4 15
131/3 136/5 140/14	ordering [4] 63
140/14 143/9 143/15	70/4 70/20 152
143/15 144/19 146/17	ordinary [1] 15
151/5 154/8 154/9	organisation [3
154/15	32/11 46/14 47
one's [1] 102/11	organisations
one-week [1] 3/20	5/19 32/18 45/9
ones [3] 90/19 101/4	organiser [1] 1
154/9	organisers [1]
ongoing [1] 142/15 online [1] 1/23	organising [1]
only [28] 5/17 6/1	origin [1] 84/1
Only [20] Oll Oll	original [41 30/

7/23 30/1 38/8 38/10 38/18 39/7 42/25 50/24 54/12 58/23 70/10 71/13 74/25 79/9 79/9 90/11 90/24 94/14 106/10 106/15 107/17 110/18 114/1 114/12 122/16 143/8 onset [1] 110/4 onto [1] 48/14 onwards **[2]** 84/4 151/2 open [4] 11/18 22/12 105/20 134/21 pened [3] 16/21 19/3 pening [3] 16/19 22/10 24/6 perate [1] 46/20 operated [4] 6/20 28/1 34/25 35/2 operation [2] 6/16 48/5 operational [2] 6/25 57/21 operations [1] 35/11 operative [1] 67/1 opinion [2] 79/17 107/25 opportunities [3] 25/21 101/12 149/7 opportunity [5] 80/14 85/25 88/10 124/23 125/3 opposed [3] 79/2 81/5 102/12 optimal [4] 81/13 81/19 82/1 82/5 option [1] 56/4 options [1] 134/21 or [171] or/stroke [1] 152/8 oral [3] 101/8 124/9 126/20 order [9] 25/19 49/20 58/24 63/9 86/1 96/10 102/2 116/3 125/2 ordered [7] 64/9 150/25 151/3 151/19 152/2 152/4 152/10 ordering [4] 63/23 70/4 70/20 152/5 ordinary [1] 155/8 organisation [3] 32/11 46/14 47/5 organisations [3] 5/19 32/18 45/9 organiser [1] 156/9 organisers [1] 121/2 organising [1] 101/1

original [1] 39/21

osmophoresis [1] 84/12 other [62] 3/22 3/23 3/24 4/4 5/18 5/23 7/10 9/13 10/22 12/17 12/21 15/12 15/13 15/18 17/14 25/21 28/16 30/14 30/16 36/9 43/6 47/10 57/20 60/13 61/12 61/20 62/11 66/6 68/6 68/10 69/12 72/14 73/17 74/13 75/1 76/10 80/24 81/16 82/6 88/8 93/10 96/8 96/11 96/22 107/3 112/12 112/15 112/18 116/17 117/15 117/16 117/17 118/4 123/2 130/20 136/5 137/3 137/4 140/9 144/3 153/1 155/7 others [3] 34/13 87/15| 132/18 otherwise [1] 122/22 our [42] 27/10 31/20 32/2 38/4 40/24 41/7 41/14 42/7 42/14 46/13 46/19 46/23 47/13 48/15 60/10 63/18 64/21 76/8 96/13 99/3 103/7 103/8 104/19 106/9 106/19 106/23 109/15 109/15 109/16 109/20 111/20 116/13 117/24 121/23 130/2 130/16 135/16 139/4 145/17 151/15 152/19 154/20 ourselves [3] 47/11 76/16 118/16 out [37] 10/25 11/1 14/10 25/10 29/23 33/1 45/3 48/18 48/25 51/5 53/12 57/23 58/18 63/5 66/2 68/12 74/7 77/9 89/2 89/19 90/20 91/6 99/1 99/3 99/10 99/11 100/7 100/9 101/6 114/20 121/21 122/12 139/15 146/17 148/15 148/21 154/19 outbreak [1] 107/15 outdated [2] 21/14 58/23 outline [1] 145/23 outset [1] 121/22 outside [7] 14/10

14/12 14/14 70/9

70/17 76/2 107/22

over [27] 5/16 5/20

14/21 18/4 21/12 23/12 23/22 38/7 40/17 42/2 50/14 51/14 52/23 54/25 68/20 70/12 72/2 77/21 78/1 84/6 97/11 103/23 104/17 126/22 134/19 143/8 144/17 over-night [1] 51/14 over-using [1] 144/17 overall [2] 23/15 85/2 overnight [1] 7/18 overseeing [1] 99/22 overseen [1] 100/23 oversight [1] 94/18 overspeaking [2] 38/21 101/24 overspend [1] 71/20 overview [1] 20/6 own [21] 1/14 31/20 32/2 35/20 38/4 45/24 47/13 50/20 62/12 63/13 66/10 76/8 103/7 103/8 109/15 109/15 117/18 117/21 135/16 146/15 156/20

pack [1] 41/12 packs [11] 15/10 15/10 18/6 18/7 18/16 21/10 21/11 23/14 23/14 115/23 115/25 page [106] 8/6 8/7 9/6 11/16 11/17 14/4 14/16 14/21 14/23 14/24 16/9 17/7 17/23 18/1 18/5 18/20 20/7 20/13 21/5 21/6 21/9 21/12 21/25 22/1 23/3 23/11 23/12 23/13 24/1 24/2 30/12 30/13 33/13 33/14 33/16 33/22 34/2 42/2 42/6 42/20 44/22 44/23 45/9 45/10 47/20 50/14 50/15 51/23 52/23 53/1 54/25 54/25 56/2 68/20 68/23 69/5 69/12 71/2 77/8 77/8 77/10 77/12 77/21 77/22 79/25 84/6 84/16 84/17 87/25 88/2 92/14 96/4 97/11 102/22 103/13 103/23 103/24 105/1 paragraph 1 [3] 46/10 105/2 113/12 113/13 53/25 69/2 115/16 115/17 118/25 119/1 119/3 119/10 54/4 69/2 131/25 134/13 134/14 paragraph 3 [3] 47/21 134/15 134/19 139/12 55/15 69/15 139/22 140/1 141/16 paragraph 4 [1] 56/2

141/17 142/23 143/8 143/9 146/20 146/23 151/9 151/10 151/14 151/15 page 10 [1] 33/13 page 102 [1] 17/23 page 106 [1] 20/7 page 108 [2] 14/4 21/5 page 2 [3] 119/1 119/3 131/25 page 21 [1] 24/1 page 23 [2] 77/8 77/8 page 25 [1] 21/25 page 27 [2] 79/25 142/23 page 3 [3] 96/4 118/25 139/22 page 34 [1] 18/20 page 38 [1] 16/9 page 4 [1] 84/16 page 41 [2] 8/6 115/16 page 5 [4] 30/12 30/13 134/14 141/16 page 6 [2] 134/13 146/20 page 63 [1] 113/12 page 67 [1] 87/25 page 95 [1] 23/3 page first [1] 151/9 pages [4] 18/1 21/4 23/10 146/20 pages 6 [1] 146/20 panel [9] 12/1 14/8 17/24 20/9 20/11 20/17 21/3 23/4 92/18 Paper [1] 45/3 papers [1] 56/17 paragraph [52] 11/23 11/23 13/3 13/8 17/9 19/10 42/7 42/19 44/23 44/25 45/10 46/10 47/14 47/21 50/1 51/3 51/7 51/18 51/21 51/25 53/1 53/2 53/25 54/4 55/15 56/2 56/14 58/18 60/8 61/1 61/1 64/20 68/25 69/2 69/2 69/15 70/12 70/12 70/19 77/10 84/7 84/23 88/1 96/5 128/25 132/3 134/19 141/17 141/20 145/24 151/16 151/17

paragraph 6 [2] 44/23 44/25 paragraph 7 [2] 56/14 141/17 paragraph 9 [1] 45/10 paragraphs [7] 8/10 17/8 22/17 49/16 51/24 97/12 119/10 paramilitaries [2] 113/3 113/4 parlance [1] 100/25 Parliamentary [1] 129/2 part [9] 5/9 27/10 76/22 80/8 93/25 102/22 103/18 107/14 141/3 Participants [3] 124/23 125/16 156/17 particular [19] 11/14 13/25 25/11 25/16 34/24 41/17 61/3 68/25 75/8 99/25 100/21 100/22 106/7 108/4 135/12 137/20 153/6 153/18 154/13 particularly [18] 1/22 23/1 30/19 32/14 34/5 37/23 45/5 74/5 75/3 86/11 92/12 97/25 99/4 99/6 100/12 112/25 153/13 153/19 partly [1] 42/13 partner [3] 46/14 47/5 135/7 parts [3] 13/25 26/8 80/25 party [3] 24/12 76/14 134/18 passed [1] 101/5 passive [1] 48/4 past [1] 153/24 pasteurised [1] 133/5 pathologists [1] 27/6 patient [7] 3/4 84/22 89/10 89/24 89/25 98/12 147/5 patients [22] 3/4 12/5 13/5 70/8 70/9 70/11 70/17 74/7 74/11 75/2 83/16 83/18 83/25 84/20 84/25 87/17 89/16 95/22 96/6 96/11 98/16 140/4 patients' [1] 146/5 patterns [1] 67/7 pause [2] 60/20 60/22 Paragraph 2 [3] 47/14 pausing [5] 13/13 51/2 78/6 90/7 92/20 pay [1] 8/19 pay-offs [1] 8/19 payment [1] 152/9

(56) October 1983 - payment

P	(
payments [1] 53/6	į
peak [1] 83/23 people [18] 1/21 1/24	
3/23 9/17 9/19 31/19	
71/21 71/25 72/3	F
75/16 81/16 106/10 106/15 107/5 115/8	p
123/17 124/1 158/4	r
per [15] 39/8 40/22	P
41/1 56/7 57/4 59/22 60/14 78/2 82/16	p
82/20 82/20 115/23	,
116/1 129/21 142/6	þ
per annum [3] 78/2 115/23 116/1	4
percentage [1] 9/16	
perfect [1] 149/6 performed [3] 90/5	p
91/17 91/23	ľ
perhaps [24] 6/3 9/18	p
9/24 35/16 36/13 43/16 57/3 60/25 83/2	
93/8 94/20 95/4 96/3	F
107/14 108/6 108/14	p
111/20 118/15 120/15 121/9 129/17 144/3	p
144/12 147/13	,
period [6] 24/4 90/4 113/7 123/8 152/22	
155/20	·
periods [3] 3/20 4/4	p
28/6 permanent [2] 105/23	p
107/4	þ
permit [2] 9/1 9/3 permitted [1] 101/6	,
Perry [3] 49/17 50/5	p
54/21	þ
persistent [1] 87/10 person [2] 104/2	p
146/14	p
personally [1] 48/12 personnel [1] 32/24	,
perspective [3] 48/9	ľ
113/10 146/12	
persuade [3] 52/7 80/3 80/19	1
persuading [2] 52/12	1
81/3	;
persuasion [1] 80/7 PFC [47] 19/17 20/5	;
40/4 40/12 43/3 43/16	,
44/9 46/15 47/8 47/25 48/13 49/3 49/13	4
49/23 51/11 51/16	4
51/22 52/3 53/14	
53/18 54/17 55/2 56/20 56/23 58/9	
58/19 59/2 59/22	,
60/23 61/24 62/8	١,

63/11 64/25 75/9 77/11 78/5 85/24 93/23 94/3 94/4 116/4 135/14 135/14 135/23 152/15 152/24 152/25 PFCE [4] 69/4 69/7 69/8 69/22 oheresis [2] 12/2 79/17 **PHL [1]** 90/1 ohysical [1] 5/10 ohysically [2] 5/17 oick [14] 18/3 18/17 33/14 43/2 43/15 44/22 45/24 77/7 77/21 79/23 88/2 96/3 119/1 134/14 oicking [3] 107/5 121/15 134/19 oicture [8] 17/20 18/17 43/15 131/6 131/7 131/8 131/12 131/14 **PID [1]** 89/21 oipeline [1] 117/24 olace [13] 6/14 9/20 16/22 48/16 57/18 57/19 69/3 84/25 101/8 101/17 101/19 121/1 138/1 olaced [2] 73/17 110/21 olacements [4] 3/14 3/16 35/21 109/8 olaces [3] 9/13 10/5 14/9 olan [1] 6/4 olanning [4] 41/9 56/22 72/10 72/10 olans [6] 40/19 41/5 41/6 50/7 59/3 158/1 olasma [79] 12/14 12/15 12/17 12/22 15/7 15/9 17/11 17/13 17/18 19/15 19/16 19/20 21/13 21/14 21/15 21/19 21/20 22/22 23/19 23/21 25/1 25/5 29/1 38/9 38/11 38/13 38/19 38/19 38/22 39/16 39/19 39/22 40/20 40/22 40/23 41/6 41/14 41/25 42/14 42/23 45/17 47/25 49/20 49/24 50/3 51/16 54/23 56/5 56/23 58/7 58/9 58/11 58/15 58/16 58/21 58/23 58/24 59/6

60/11 60/16 74/25

75/4 75/5 75/22 76/7 76/9 76/18 77/6 77/25 78/1 79/14 81/18 81/19 94/1 116/4 130/18 132/16 132/25 152/21 plasmapheresis [14] 12/7 23/8 74/16 74/20 74/21 74/24 75/23 76/21 77/24 78/9 79/9 79/19 152/22 153/2 plasmas [2] 76/10 76/11 platelet [6] 12/13 77/25 78/17 78/20 78/25 79/17 platelets [6] 25/1 78/23 79/2 79/3 79/6 79/15 play [3] 28/17 79/8 111/5 please [25] 2/4 8/1 11/16 14/4 14/24 14/25 16/9 17/23 18/20 20/7 21/4 21/23 21/25 23/24 24/1 30/12 33/13 67/8 79/25 84/16 87/25 113/13 123/25 134/13 139/22 pm [10] 83/5 83/7 127/5 127/7 131/19 131/21 149/24 150/1 150/3 158/12 point [27] 27/19 37/15 42/1 42/2 43/14 46/17 48/3 59/14 59/23 66/25 74/6 75/25 76/25 78/16 79/5 94/4 108/9 109/5 115/1 118/6 122/15 140/14 144/3 144/19 148/10 154/2 154/3 points [3] 10/17 41/18 52/18 86/23 91/11 106/7 policies [7] 28/20 30/15 30/20 31/2 31/7 152/14 152/19 policy [20] 29/6 31/4 36/19 36/21 37/9 37/18 37/20 46/16 47/7 47/9 94/2 94/3 94/6 96/13 105/25 106/7 106/9 116/12 132/19 152/20 political [1] 46/24 pool [4] 78/24 79/3 79/11 79/15 pooled [2] 58/8 58/11 population [3] 97/21 151/22 153/13 position [26] 4/2

41/19 42/20 51/10 54/16 59/1 59/2 59/8 62/7 64/16 68/1 68/19 71/9 72/1 72/5 72/10 75/20 77/3 80/15 87/16 135/5 137/24 138/18 138/22 141/19 156/25 positive [8] 80/22 80/23 82/18 96/24 109/7 109/22 132/11 132/21 possession [1] 64/15 possibilities: [1] 106/10 possibilities: follow [1] 106/10 possibility [4] 40/9 96/23 106/13 111/15 possible [16] 46/13 65/5 73/15 78/23 78/25 93/21 113/20 116/9 116/11 116/17 120/19 128/2 129/11 130/8 137/12 147/8 possibly [4] 87/23 92/12 97/6 107/9 post [17] 2/10 4/9 31/5 86/5 86/9 88/21 91/7 94/15 95/15 95/20 96/7 96/14 96/19 96/22 97/15 120/19 140/25 post-direct [1] 31/5 post-transfusion [10] 88/21 91/7 94/15 95/15 95/20 96/7 96/14 96/19 96/22 97/15 postcards [1] 122/13 posters [1] 123/7 pot [1] 26/25 potential [11] 48/23 91/14 115/10 120/13 121/24 122/21 123/3 133/12 potentially [6] 93/24 108/16 122/24 146/6 147/23 155/25 power [1] 157/14 PPF [1] 61/2 practicable [1] 129/9 practical [3] 70/24 128/15 137/20 practice [26] 2/16 3/7 20/20 24/25 30/2 30/7 30/24 37/13 57/10 76/14 85/11 88/24 91/2 97/8 103/19 104/20 105/23 108/25 109/2 110/1 120/10 19/23 21/8 37/19

139/9 140/16 144/19 89/10 146/7 144/25 147/10 price [1] 53/18 practices [3] 28/20 **pride [1]** 109/11 89/6 152/14 prime [1] 96/1 Practitioner [1] 89/17 principle [3] 36/21 practitioners [2] 55/12 57/7 prior [4] 61/23 65/7 98/18 154/11 pre [3] 36/23 36/24 82/9 152/22 priority [4] 60/20 36/24 pre-1978 [1] 36/24 78/17 143/21 143/25 pre-1980 [1] 36/24 prison [3] 109/2 109/9 precautions [1] 132/9 110/23 predecessor [1] prisoners [1] 110/19 85/22 prisons [1] 108/17 prefer [3] 46/11 126/2 pro [6] 22/24 41/3 44/24 45/1 45/14 126/3 preferably [2] 28/13 46/21 130/9 pro rata [3] 45/1 preference [1] 69/7 45/14 46/21 preferred [1] 56/4 probability [1] 58/4 pregnancy [1] 104/8 probably [29] 7/4 26/8 preliminary [1] 56/12 36/6 42/11 43/12 premises [5] 9/2 56/24 65/23 73/21 33/19 34/3 34/10 49/4 93/1 94/3 96/25 113/1 prepared [15] 12/1 113/8 114/13 122/3 12/12 15/5 15/9 15/10 124/20 125/2 125/24 15/10 15/16 18/6 126/5 128/18 132/18 18/16 21/11 23/14 133/13 135/19 137/15 23/17 79/13 132/15 139/19 144/17 154/3 154/9 154/18 132/25 prescribing [1] 67/7 problem [22] 38/16 presence [3] 13/5 39/15 39/16 47/23 105/11 111/12 59/3 81/21 81/23 present [12] 14/17 81/25 81/25 86/15 41/14 44/18 83/18 88/21 90/17 95/15 89/6 96/13 98/17 97/24 116/6 120/13 120/24 122/10 122/10 105/5 118/25 120/19 134/12 135/6 129/23 133/8 154/13 presented [1] 148/4 problematic [3] 10/15 press [2] 126/10 101/21 128/9 126/25 problems [11] 1/17 pressing [1] 47/23 16/25 27/24 50/12 pressure [1] 42/16 50/17 54/21 128/7 **Preston [1]** 87/15 128/15 128/19 137/14 presumably [2] 18/14 146/1 53/15 procedure [3] 12/4 67/1 93/19 presume [2] 37/6 procedures [8] 30/15 135/24 33/2 54/14 78/15 pretty [4] 30/7 61/18 82/24 119/19 100/12 100/13 145/22 prevent [2] 24/19 147/11 96/10 process [9] 32/17 prevention [2] 96/1 75/17 75/21 76/18 89/2 89/19 94/1 120/2 previous [17] 8/14 104/12 157/3 17/3 17/21 18/10 processes [1] 33/2 18/13 19/6 22/4 23/7 procured [2] 62/16 25/8 34/2 52/25 71/2 62/18 105/7 105/10 105/18 procurement [1] 105/23 142/4 71/15 previously [6] 19/16 procuring [1] 63/23

(57) payments - produce

produce [2] 75/14

60/23 61/24 62/8

n	104/5			454/47	20/04 50/04 04/04
<u>P</u>	124/5	purchase [2] 41/10 67/23	quite [33] 15/19 15/24		22/24 58/21 61/24
produce [1] 116/3	prompted [1] 91/1		16/2 32/3 35/10 35/19		62/7 62/12 63/13 65/1
produced [9] 16/18	proof [1] 132/9	purchased [7] 19/24	40/10 57/21 57/22	reagent [1] 75/7	85/1 89/11 89/18
38/22 38/23 69/6 71/4	proper [2] 27/12 90/19	58/1 63/13 64/24 67/16 69/9 71/6	57/25 59/24 63/7 71/18 74/10 75/17	reagents [3] 42/3 75/1 75/8	100/2 105/9 119/13 147/22
103/8 117/3 117/7					
119/6	properly [1] 120/11	purchasing [1] 63/14	75/23 81/6 81/8 81/14	real [8] 73/16 87/22	receives [1] 19/15
produces [1] 19/14	proportion [3] 12/10 81/8 98/8	purely [2] 38/25 71/10 purified [2] 19/14	101/15 104/14 104/24	121/24 140/22 144/5 144/18 144/22 144/22	receiving [9] 39/3 39/11 41/1 60/10
producing [5] 18/9	proposal [2] 29/2	22/23	110/15 104/14 104/24	realised [1] 137/13	61/23 65/8 84/20
52/15 59/15 103/7	56/14	purpose [8] 3/16 5/25	111/13 122/1 122/14	really [61] 6/9 14/1	121/5 129/1
117/21	proposals [1] 41/2	36/4 36/7 54/1 78/14	144/3 155/20	15/18 21/17 26/15	recent [6] 8/13 41/2
product [17] 49/25	proposed [2] 63/8	108/8 140/20	quoted [1] 52/2	29/8 29/23 36/7 36/14	41/23 52/4 90/9
53/13 63/13 63/23	63/17	purpose-designed [1]		36/19 36/23 37/2 37/9	153/24
63/24 64/13 66/24	proposing [3] 56/13	78/14	R	37/13 47/10 53/14	recently [6] 58/19
67/3 79/1 79/1 115/10	141/18 156/16	purposed [1] 6/5	radioimmunoassay	59/6 59/24 63/12	117/15 120/5 122/23
130/21 132/20 133/10	prosecution [1]	purposes [1] 14/17	[2] 57/22 84/13	63/21 66/3 67/6 68/7	132/5 132/12
135/13 139/1 152/5	122/25	put [14] 27/3 29/2	radioisotope [1]	68/8 68/14 71/13 74/4	recession [5] 8/18 9/8
production [14] 12/13	protein [19] 12/17	30/11 38/3 48/16 49/4	48/21	75/5 76/15 79/11 81/7	16/13 18/23 22/5
15/7 15/8 15/22 19/20	17/13 19/13 19/21	57/9 103/9 116/16	radioisotopes [1]	85/25 88/23 88/24	recipient [1] 93/5
25/5 40/24 58/16	22/20 25/6 32/20	125/16 126/15 129/6	85/21	92/25 93/7 94/2 94/3	recipients [6] 24/20
60/21 75/6 115/7	32/25 34/20 45/18	139/4 155/19	raise [1] 116/17	106/8 108/9 109/4	147/18 147/19 147/21
115/22 116/7 116/13	54/10 58/15 59/6		raised [3] 11/21 74/2	109/13 119/21 121/15	147/23 148/2
products [55] 8/20 12/16 15/13 17/12	60/16 60/17 62/5	Q	136/11	122/14 124/4 129/24	recognise [1] 89/15
19/16 22/23 22/25	64/21 68/22 69/1	QA [1] 50/7	raising [1] 154/12	131/1 135/11 136/11	recognised [3] 51/14
23/1 24/7 24/20 25/1	proteins [1] 19/14	qualification [2]	ran [3] 27/24 28/3	137/9 138/24 143/9	55/22 64/12
29/1 36/15 44/24 45/2	proved [1] 134/4	100/21 100/22	130/16	143/21 144/6 144/7	recognition [4] 42/10
46/15 46/21 53/18	provide [6] 41/25 79/2	quality [3] 50/5 54/14	range [7] 3/14 7/11	145/17 149/4 150/21	42/15 89/7 89/9
53/21 54/2 56/5 63/12	87/21 131/2 142/16	86/20	26/14 92/17 92/21	152/25 156/1	recollection [10]
67/11 67/13 67/21	155/16	quantities [1] 51/25	92/23 99/18	reason [8] 9/21 15/16	25/12 32/19 33/8
68/10 69/1 69/3 69/6	provided [14] 6/5	quantity [2] 59/16	rapidly [7] 19/23 23/2	89/23 99/8 122/2	33/11 73/25 111/14
69/8 71/4 73/12 73/22	13/24 26/2 26/11	76/25	36/11 59/24 71/18	140/19 143/18 153/6	113/14 121/14 151/1
74/13 84/14 84/18	26/14 31/17 40/23	quarter [1] 83/20	78/21 81/8	reasonable [2] 51/8	151/25
87/23 89/11 89/21	51/25 70/16 85/25	question [25] 12/7	rare [2] 97/10 154/11	158/7	recommend [1]
93/17 105/10 114/24	105/17 106/8 113/23	12/25 29/1 38/18 45/11 53/6 59/6 72/13	rarely [1] 97/8 rata [6] 22/24 41/4	reasonably [2] 86/1 158/6	134/23
129/3 132/8 132/15	150/25	73/4 80/1 88/12	44/24 45/1 45/14	reasons [11] 9/18	recommendation [2] 105/15 135/9
132/17 132/24 133/2	providers [1] 63/15 providing [6] 13/14	103/20 106/25 109/24	46/21	20/18 27/13 74/8 91/5	reconvening [1]
133/3 135/14 138/19	38/4 105/6 105/10	123/24 124/19 129/20	rates [1] 153/10	91/6 132/13 137/20	134/17
150/8 150/15 150/18	154/25 155/9	132/23 136/6 138/5	rather [11] 6/6 11/1	153/9 153/15 155/22	record [7] 146/5 147/4
152/6	province [3] 11/8 27/1			reassurance [1] 42/1	148/11 148/22 148/24
professional [4] 32/5	141/9	155/18 156/1	70/22 72/6 93/6	recall [51] 32/14 34/3	
46/16 55/17 143/23	provision [3] 42/15	Questioned [2] 2/6	117/18 126/24	34/6 34/9 36/4 43/5	record-keeping [4]
professor [5] 13/17	55/7 70/7	159/4	rationale [2] 65/21	53/14 53/16 62/17	148/11 148/22 149/2
13/18 58/13 87/15	provisions [1] 54/9	questionnaire [6]	140/19	64/11 65/7 66/11	149/3
136/9	PRSE0002617 [1]	106/23 107/18 123/19	raw [2] 41/4 51/11	67/23 72/14 73/1 73/6	recorded [3] 23/22
Professor Bridges [1] 58/13	118/23	123/24 124/8 124/11	reached [5] 58/19	87/2 87/5 87/7 87/10	134/12 142/5
Professor Cash [1]	PRSE0004163 [1]	questionnaires [3]	58/25 59/8 59/14	87/14 88/16 88/18	records [8] 11/24 24/2
136/9	134/10	103/7 106/24 112/19	59/18	88/25 90/15 95/1 97/6	54/6 56/14 140/7
Professor Preston [1]	PRSE0004358 [1]	questions [28] 2/3	reaching [1] 20/14	107/23 113/17 114/6	147/5 147/17 148/11
87/15	102/21	99/15 103/16 110/22	reaction [1] 105/11	115/4 115/21 116/25	recovery [1] 52/5
Profilate [1] 69/24	public [8] 1/22 9/15	112/18 124/6 124/21	read [16] 8/10 17/25	117/11 117/20 119/19	recruited [1] 6/22
program [1] 74/21	9/16 24/16 113/5	124/21 124/24 125/3	41/23 60/7 60/15 61/6	127/22 129/13 130/22	recruiting [1] 17/5
programme [11] 2/18	123/6 123/10 129/1	125/11 125/16 125/17	69/14 86/11 87/14	135/8 136/3 137/6	recruitment [5] 11/25
7/2 51/22 75/11 77/11	publication [2] 88/13	125/18 125/20 125/23	114/4 114/20 120/10	138/3 138/5 138/19	25/23 75/13 121/23
77/24 79/19 80/10	95/12	126/15 126/17 126/18	123/24 124/14 125/18	138/19 138/23 139/16	152/14
100/6 140/25 146/18	publications [1] 88/11		148/7	140/10 150/9 154/8	red [15] 12/12 15/5
progress [2] 50/23	publicity [2] 16/20	149/25 150/5 156/15	readily [1] 115/22	recalled [1] 107/21	25/2 79/22 80/4 80/6
54/4	94/22	156/19 156/20 157/3	reading [9] 68/3 78/10		80/7 80/21 81/1 81/5
prolonged [2] 98/13	publish [1] 95/5	quick [2] 82/24 117/5	86/10 86/10 97/2	receive [4] 42/24 47/1	81/8 82/12 82/16
155/20	published [6] 25/25	quickly [6] 81/14 86/2	113/15 114/9 121/16 150/7	95/3 99/23	82/20 139/3
prompt [2] 124/1	40/3 87/19 87/19	91/12 115/18 137/12 156/23	reads [2] 18/22	received [18] 9/1	reduce [2] 112/16
	95/12 158/2	100/20	1000 [2] 10/22	12/17 14/11 17/13	132/5
	l			L	(58) produce reduce

(58) produce... - reduce

D	66/20 100/14 120/2	135/11 136/7 126/9	51/8 67/2 10/1/	return [5] 10/12 17/12	routine [0] //2/45
R	66/20 100/14 130/2 150/12	135/11 136/7 136/8 136/11 137/23 138/4	51/8 67/2 104/4 required [14] 24/5	return [5] 12/16 17/13 49/20 50/7 52/7	49/24 76/6 76/7 76/9
reduction [5] 8/17	reinstating [1] 93/10	139/18 139/21 148/25	26/20 47/9 54/14	returned [1] 115/22	84/11 91/22 101/7
19/6 23/7 23/16 142/6	rejection [1] 104/6	149/1 149/3 152/16	54/15 55/10 55/12	revealed [1] 95/22	101/16
redundancies [3]	related [9] 29/7 46/16	152/16 154/1 154/14	69/3 70/8 74/9 102/3	reverse [1] 48/4	Royal [8] 2/23 12/3
16/16 18/24 22/6 refer [7] 10/10 21/13	60/23 113/1 113/8	remembered [1]	116/2 135/2 135/22	review [1] 149/3	66/16 66/19 69/16
33/15 42/22 77/10	139/18 153/3 153/5	137/15	requirement [6] 3/22	reviewed: [1] 83/25	69/20 70/3 132/2
114/14 154/16	153/7	removal [1] 20/17	25/2 35/11 48/13	reviewed: 32 [1]	RPH [1] 105/13
reference [21] 9/8		removed [2] 20/11	77/14 77/19	83/25	RPH or RIA [1]
11/19 20/2 24/12	28/16 59/5 74/1 154/6	21/3	requirements [2] 6/17		105/13
50/10 54/19 55/21	relation [28] 15/13 15/14 23/20 37/21	repeat [3] 91/10 109/24 128/11	40/12 requiring [1] 135/1	23/24 RHSC0000073 [1]	RPHA [6] 48/4 51/19 55/25 84/12 85/9
56/10 56/11 61/4	38/7 39/16 43/15 45/5	repeated [2] 93/1	research [2] 86/20	16/6	85/13
66/10 92/20 92/23	48/2 54/22 59/10	93/15	144/5	RHSC0000076 [1]	RTCs [1] 30/16
108/19 114/13 134/17	61/21 66/1 67/23 68/7	repeatedly [3] 92/16	resentment [1]	18/18	RTD [1] 136/9
140/2 140/5 143/12	73/12 79/21 87/16	92/21 92/22	120/12	RHSC0000078 [1] 8/1	RTD meeting [1]
148/7 151/12 referred [18] 21/15	93/23 117/4 128/8	repeating [1] 72/22	reservations [1] 72/1	RHSC0000081 [1]	136/9
36/16 44/7 71/14 73/7	138/14 138/18 141/19	replaced [1] 10/6	resistance [2] 80/25	21/23	rule [3] 30/23 30/25
74/18 75/10 80/10	150/24 151/6 154/13	replaces [1] 143/11	81/1	RIA [11] 41/9 42/3	31/5
81/23 82/7 86/19	155/6	replied [1] 129/18	resistant [1] 82/11	47/24 48/7 48/14 49/1	rules [1] 107/23
88/14 96/20 96/24	relationship [8] 29/17	reply [4] 43/3 129/12	Resolution [1] 54/5	51/20 55/25 85/10	run [4] 18/14 18/15
107/7 114/11 141/11	29/20 30/2 30/2 46/12 47/2 47/8 135/23	147/2 147/22 report [29] 8/3 11/16	resolved [3] 54/24 55/20 137/14	85/15 105/13 RIA testing [1] 49/1	35/8 157/10
143/14	relationships [2]	14/22 16/4 16/7 18/19	resources [1] 55/3	Richards [5] 2/2 2/6	running [7] 3/17 29/9 62/6 77/1 86/1 154/12
referring [12] 10/9	29/23 30/14	18/22 20/8 21/22	respect [14] 27/8	72/21 126/15 159/4	155/2
42/11 42/12 45/21	relatively [6] 4/2	21/23 23/23 23/25	36/14 37/5 54/16	right [31] 2/12 5/8 5/9	runs [1] 121/16
49/9 60/16 104/4	52/15 75/15 75/16	25/8 49/5 54/5 55/5	55/17 68/10 68/14	6/13 6/13 17/20 17/25	
133/2 133/3 133/12 135/5 155/11	85/7 90/9	55/14 89/14 95/5 96/6	70/10 70/16 89/6	26/1 32/18 32/22 33/3	S
refers [7] 22/18 47/18	relevance [2] 113/20	99/12 105/20 113/25	100/11 101/3 139/2	37/16 38/8 38/10	safe [3] 52/2 76/1
51/18 55/15 56/2	123/12	114/11 141/20 145/21	156/25	38/10 43/4 45/23 53/5	133/5
96/17 96/25	relevant [6] 27/22	146/9 146/21 148/14	respective [1] 46/19	55/23 56/18 56/24	safely [1] 76/17
refit [1] 50/23	64/6 68/9 99/25	reported [8] 7/7 54/21	respectively [1] 148/1	63/3 65/2 70/23 74/23	safer [2] 79/1 115/10 safety [4] 108/13
reflect [1] 147/4	100/17 140/14 reliable [1] 124/5	89/11 94/16 95/21 97/15 114/16 119/9	respond [1] 52/22 responded [2] 74/1	85/2 85/6 114/19 114/25 121/19 122/16	139/14 139/17 153/7
reflected [1] 12/11	reliance [1] 154/23	reporting [6] 29/22	80/5	right-hand [1] 17/25	SAG [3] 82/6 82/13
reflecting [1] 87/23	relied [1] 120/5	88/5 88/13 94/12	responding [1] 74/3	rigorous [1] 106/12	82/17
refrigerator [1] 41/10	relief [1] 128/19	94/23 94/24	response [12] 20/22	rising [1] 36/11	SAG-M [3] 82/6 82/13
refurbished [1] 5/25 regard [16] 30/9 41/20	relocated [2] 33/23	reports [16] 7/16	20/25 43/7 43/8 50/19	risk [23] 83/25 87/22	82/17
42/21 46/7 56/4	78/13	20/12 25/8 25/14	80/18 80/22 82/18	108/12 108/16 110/10	said [13] 6/2 30/13
110/18 122/11 124/2	reluctant [1] 122/21	25/25 36/17 87/6	113/9 129/22 142/4	110/20 111/17 114/1	50/11 65/16 73/11
129/23 130/20 133/9	rely [3] 72/6 79/5 98/3	89/17/94/19/94/20	143/17	114/12 117/25 118/3	102/17 103/24 107/20
133/25 135/12 136/6	relying [1] 72/8 remain [2] 120/25	95/2 108/18 113/15 113/16 113/22 150/7	responsibility [4] 4/18 7/1 7/2 70/21	118/8 118/14 121/17 122/23 123/17 132/5	135/21 141/24 144/8 150/12 154/10
150/14 154/2	158/5	represent [1] 82/13	responsible [8] 4/25		
regarded [4] 76/1	remained [3] 4/9 25/3	representative [1]	7/6 7/9 26/5 29/24	134/1 150/19 155/25	salt [1] 17/18
92/22 110/19 133/5	153/17	31/18	70/4 70/6 101/1	risks [2] 153/18 156/3	
regarding [7] 28/20 47/10 58/15 74/5	remaining [2] 129/7	representatives [4]	rest [4] 133/20 134/2	road [1] 54/18	same [14] 18/10
94/22 127/12 154/17	148/1	1/15 36/2 53/23	134/2 158/2	role [11] 4/17 4/17	21/17 40/6 51/13 62/7
regiment [1] 153/23	remains [1] 147/22	156/18	restricted [1] 77/14	4/18 10/15 28/17	79/12 91/13 96/21
region [5] 15/25 39/6	remember [55] 28/1	represented [3] 17/2	result [4] 92/11 107/4	29/18 36/14 111/4	101/19 133/24 138/22
69/10 71/7 135/3	28/2 36/5 39/24 39/24	39/8 78/4	114/20 128/10	140/15 140/21 140/21	145/10 156/6 156/12
regional [16] 3/14	43/10 52/14 57/16 60/22 60/24 61/18	represents [1] 19/5 reprioritise [1] 116/13	resulted [1] 12/10	roles [1] 101/3 rolled [1] 112/13	sample [6] 90/22 91/18 91/21 91/23
26/22 26/23 26/25	66/1 74/3 91/3 91/3	reproduced [1]	16/15 18/23 22/5	room [2] 1/18 1/21	92/24 108/23
34/15 35/7 35/9 64/4	92/25 94/2 94/4 97/8	147/15	results [2] 146/23	rota [1] 100/7	samples [8] 90/3 90/6
105/21 129/3 136/2	102/8 103/6 106/2	reproducibility [1]	148/3	rotation [1] 100/6	90/8 90/11 90/14
146/3 151/20 151/21	106/18 109/7 110/10	128/9	resuscitation [1]	rotation I [1] 100/6	90/16 91/10 97/4
152/2 152/4	110/12 111/23 112/21	Republic [2] 31/24	77/15	roughly [2] 18/10 33/9	San [1] 114/15
regions [3] 41/3 47/16 118/14	114/9 115/13 116/20	32/2	retained [1] 92/18	round [2] 56/7 116/17	San Francisco [1]
regular [9] 16/21 30/7	116/22 123/17 124/10	request [1] 103/21	retired [2] 4/7 106/5	route [3] 38/3 62/3	114/15
32/12 66/15 66/16	129/24 130/1 130/6	requests [1] 74/4	retrospective [2]	80/11	sat [3] 63/21 64/1
	130/13 130/14 130/17	require [5] 29/12 50/4	95/20 98/4	routes [1] 153/21	141/8
					(59) reduction - sat

(59) reduction - sat

Saturday [1] 100/16 saw [8] 20/11 25/4 36/16 57/5 108/17 129/17 140/20 150/12 say [46] 4/1 11/10 26/16 29/21 31/3 33/17 43/19 48/12 57/11 59/2 60/6 60/8 71/3 76/2 77/12 77/22 80/23 82/10 82/18 88/3 94/13 97/9 107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7 136/13 136/18 137/4	
saw [8] 20/11 25/4 36/16 57/5 108/17 129/17 140/20 150/12 say [46] 4/1 11/10 26/16 29/21 31/3 33/17 43/19 48/12 57/11 59/2 60/6 60/8 71/3 76/2 77/12 77/22 80/23 82/10 82/18 88/3 94/13 97/9 107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	S
129/17 140/20 150/12 say [46] 4/1 11/10 26/16 29/21 31/3 33/17 43/19 48/12 57/11 59/2 60/6 60/8 71/3 76/2 77/12 77/22 80/23 82/10 82/18 88/3 94/13 97/9 107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	saw [8] 20/11 25/4
26/16 29/21 31/3 33/17 43/19 48/12 57/11 59/2 60/6 60/8 71/3 76/2 77/12 77/22 80/23 82/10 82/18 88/3 94/13 97/9 107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	129/17 140/20 150/12
57/11 59/2 60/6 60/8 71/3 76/2 77/12 77/22 80/23 82/10 82/18 88/3 94/13 97/9 107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	26/16 29/21 31/3
80/23 82/10 82/18 88/3 94/13 97/9 107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	57/11 59/2 60/6 60/8
107/17 109/4 109/8 109/18 109/19 111/25 112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	80/23 82/10 82/18
112/1 113/13 115/20 115/25 118/2 119/21 124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	107/17 109/4 109/8
124/15 125/22 126/11 126/14 127/3 129/17 132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	112/1 113/13 115/20
132/3 138/4 142/19 143/21 149/18 153/15 say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	124/15 125/22 126/11
say 3.45 [1] 127/3 saying [3] 99/12 116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
116/25 149/5 says [28] 11/17 43/12 45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
45/10 46/4 47/6 47/20 49/16 50/1 51/7 51/25 54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	116/25 149/5
54/20 58/18 59/7 64/20 67/11 69/5 69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	45/10 46/4 47/6 47/20
69/17 70/13 89/20 90/12 92/15 93/13 95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	1
95/17 96/5 128/24 129/18 134/20 141/21 scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
scenario [2] 96/20 97/7 sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
sceptical [1] 88/22 SCGV0000104 [2] 49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	l .
49/7 53/20 schedule [2] 67/14 67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
67/21 scientific [3] 13/10 49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	49/7 53/20
49/13 113/23 Scotland [16] 34/22 35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	67/21
35/4 35/19 37/24 45/25 47/9 49/20 53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
53/24 58/22 73/21 91/4 134/22 135/6 135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	35/4 35/19 37/24
135/12 136/4 143/7 Scots [1] 52/15 Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
Scottish [9] 47/12 53/9 56/15 58/9 58/11 135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	135/12 136/4 143/7
135/8 135/9 150/16 152/20 screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	Scottish [9] 47/12
screen [6] 9/5 17/9 30/12 45/14 49/5 142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	135/8 135/9 150/16
142/2 screening [21] 24/21 48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	screen [6] 9/5 17/9
48/4 48/18 84/11 85/4 92/9 96/12 99/2 104/11 124/19 127/10 127/13 127/23 132/7	
104/11 124/19 127/10 127/13 127/23 132/7	
127/13 127/23 132/7 136/13 136/18 137/4	104/11 124/19 127/10
	127/13 127/23 132/7 136/13 136/18 137/4

137/5 137/21 138/15 138/17 sea [1] 82/13 second [10] 42/7 44/22 79/20 88/1 88/2 111/2 128/17 134/19 140/7 151/14 secondly [3] 120/11 148/19 157/1 section [1] 26/12 sections [1] 7/24 securing [1] 33/20 security [2] 10/22 31/12 see [65] 1/6 2/7 8/2 11/17 11/18 13/2 14/7 14/18 14/24 15/6 16/10 21/9 21/12 21/14 23/5 23/15 23/20 35/14 44/17 44/17 46/11 46/18 49/18 53/23 55/18 59/21 60/18 65/6 68/23 68/24 71/4 77/9 78/12 83/13 84/16 91/16 94/11 95/17 103/14 103/23 104/12 112/14 118/23 119/2 128/14 131/13 131/16 131/17 131/23 139/12 139/24 140/1 141/17 141/21 143/4 143/6 144/14 147/15 148/24 149/12 149/20 151/8 151/10 156/17 158/4 seek [1] 155/10 seem [8] 15/19 95/10 108/8 114/25 122/9 130/4 130/17 136/8 seemed [16] 27/22 35/10 38/12 40/1 40/6 52/14 60/19 64/16 72/21 73/18 74/10 81/6 88/20 88/20 88/22 107/23 seems [3] 14/19 46/6 104/23 seen [8] 21/8 25/14 55/6 67/5 85/3 89/16 99/17 109/7 seldom [1] 89/17 select [1] 1/21 **selecting [1]** 28/11 selection [8] 99/16 100/12 102/18 102/23 103/9 107/21 132/6 152/19 selective [1] 153/22 self [22] 19/25 22/25 29/1 30/9 35/19 36/16 36/18 36/25 37/5 37/12 37/21 47/17

59/1 59/8 59/11 59/13 60/5 60/7 61/4 65/18 79/22 80/9 self-sufficiency [16] 22/25 29/1 30/9 35/19 36/16 36/18 36/25 37/5 37/12 37/21 47/17 59/13 61/4 65/18 79/22 80/9 self-sufficient [6] 19/25 59/1 59/8 59/11 60/5 60/7 send [8] 12/15 17/11 41/14 45/16 62/3 90/1 120/17 120/21 sending [7] 39/22 40/21 49/23 94/1 94/19 122/12 139/15 senior [4] 27/6 70/2 88/19 101/4 sense [5] 15/3 40/5 63/20 125/24 149/14 sensitive [2] 48/11 105/12 sensitivity [4] 48/7 85/9 85/16 128/8 sent [11] 12/18 19/16 19/17 21/13 42/23 78/5 99/10 119/17 121/21 152/24 152/25 sentence [5] 52/11 53/2 142/4 143/9 151/17 sentences [2] 60/8 61/3 separate [6] 5/18 5/19 5/20 58/8 76/23 83/2 separator [2] 12/2 23/8 September [12] 40/16 49/3 49/10 49/12 50/8 117/9 118/24 121/8 123/22 136/15 139/15 139/24 September 1981 [2] 49/3 49/10 September 1983 [3] 117/9 121/8 123/22 September 1991 [1] 136/15 September 2001 [1] 139/24 September 2002 [1] 139/15 serial [1] 89/22 serious [3] 86/25 87/12 133/21 seriously [4] 85/22 109/5 109/13 117/22 seriousness [1] 86/24 serum [5] 90/1 90/3 90/8 90/10 98/9

service [86] 2/12 2/15 3/8 4/6 4/13 4/24 5/2 5/5 5/6 5/17 5/22 6/9 7/25 8/8 8/9 8/12 8/23 9/12 9/20 10/12 14/7 16/11 16/12 16/15 17/17 18/21 18/22 19/1 22/20 26/3 27/16 28/4 28/21 29/9 29/19 32/10 32/20 33/3 33/7 33/22 34/14 35/1 35/5 35/5 35/6 35/9 36/22 37/7 37/11 39/3 42/17 44/15 45/16 47/3 54/8 55/13 61/23 61/25 62/16 67/15 67/19 68/19 69/10 69/23 70/14 70/22 71/7 78/13 82/10 84/9 84/10 93/20 98/19 98/21 99/13 100/4 102/1 106/1 109/6 115/3 117/13 143/1 143/11 146/10 151/20 157/10 service's [6] 10/15 63/5 74/22 113/10 146/12 154/23 services [24] 7/9 7/17 8/3 24/18 26/1 26/13 26/14 27/9 28/19 29/13 29/16 30/15 30/21 44/20 53/8 55/7 56/9 57/15 67/10 86/15 115/5 127/18 136/24 152/13 serving [1] 111/15 session [13] 16/22 22/13 66/15 66/16 66/17 100/8 102/6 103/19 108/19 109/9 109/9 120/14 124/12 sessions [40] 8/16 9/2 9/3 9/16 11/10 11/21 14/12 14/13 16/16 16/18 16/20 16/23 19/2 22/7 22/7 24/6 99/15 99/18 99/21 99/23 101/11 101/25 102/14 108/20 108/23 109/16 110/15 111/9 111/13 111/19 112/11 119/14 120/6 121/2 121/11 153/23 155/3 155/8 155/22 156/7 set [19] 25/10 45/3 51/5 53/14 53/18 58/18 59/16 68/12 75/12 76/14 77/9 89/2 89/19 91/6 114/20

139/17 140/11 148/6

148/15 sets [1] 14/10 setting [4] 74/7 76/3 76/17 77/15 settings [1] 101/9 seven [1] 90/16 several [4] 41/7 98/8 107/22 147/6 shall [3] 127/2 149/18 149/22 **share [1]** 140/8 **shared** [1] 30/16 she [10] 38/1 38/5 66/21 101/1 125/19 125/20 128/24 129/10 146/17 148/14 she's [1] 125/14 Sheffield [1] 87/16 **shelf [1]** 15/24 SHHD [1] 134/23 shifted [1] 78/17 shipped [1] 64/25 **shipping [2]** 38/13 39/16 shipyards [1] 9/25 short [9] 6/15 10/21 44/4 109/12 127/6 127/14 131/20 147/20 150/2 shortfall [2] 15/16 63/14 shortly [2] 57/2 88/12 should [30] 5/15 6/5 7/4 8/5 29/21 42/15 45/14 46/17 48/10 57/7 59/9 60/15 65/23 66/3 67/16 67/17 94/20 103/19 110/23 111/1 116/13 117/1 118/18 118/19 129/17 134/24 135/1 136/18 142/5 154/20 show [4] 81/7 87/7 87/12 143/8 showed [4] 57/6 95/7 119/5 144/17 **showing [1]** 71/19 shown [4] 50/22 109/10 120/12 154/15 **shows [1]** 97/16 side [3] 7/1 17/25 108/12 signature [1] 103/22 significant [10] 17/4 23/21 31/23 46/22 62/13 89/15 97/24 98/8 111/6 111/13 similar [7] 17/20 18/2 21/7 25/7 79/15 131/4 153/20 similarities [1] 35/15 simple [1] 103/16

simply [5] 109/4 110/2 121/10 125/4 155/21 since [10] 30/22 48/6 50/12 61/5 83/23 84/15 90/3 119/4 120/19 132/7 single [8] 6/21 41/12 78/23 79/2 86/14 86/14 113/24 147/13 single-handedly [1] 6/21 single-most [1] 147/13 sir [15] 43/15 44/1 83/1 124/18 124/20 125/9 131/25 149/10 149/16 149/23 156/15 157/6 157/17 157/24 158/11 Sir Brian [1] 157/6 sister [1] 100/25 sister-level [1] 100/25 sit [1] 125/2 site [6] 5/10 27/17 28/11 28/12 28/13 28/14 sitting [2] 142/12 157/17 situation [8] 10/22 28/3 67/3 97/10 118/15 118/20 135/17 145/17 situations [6] 74/9 81/2 81/4 81/24 144/7 144/16 six [7] 16/1 16/1 79/3 83/18 105/10 121/8 153/25 six months [2] 16/1 153/25 size [2] 77/2 78/24 skip [2] 11/23 70/12 sleeve [1] 112/13 slight [5] 14/20 17/2 19/5 23/6 24/9 slightly [2] 88/22 123/20 **small [17]** 1/21 13/23 14/19 26/19 26/20 39/4 39/12 48/19 61/17 61/21 75/15 75/16 75/23 85/19 97/21 109/17 111/10 smaller [1] 18/15 Smithies [3] 119/24 128/23 129/22 snap [1] 57/25 **SNBTS [10]** 34/21 34/25 46/11 47/3 47/15 93/23 118/24 134/11 136/1 152/15

(60) Saturday - SNBTS

	E0140 00100 70104	20122 20122 2714	00/0 440/45 400/40	44EIDE 44CI7	EAID EDIO EDIA 0 0014
<u>S</u>	59/16 68/23 72/21 76/13 77/8 78/10 82/4	26/22 26/23 27/4 48/23 75/21 80/12	80/2 112/15 129/13 138/19 156/2	115/25 116/7 successful [1] 80/11	54/2 56/6 58/16 60/1 60/11 61/9 67/10
so [183]	87/20 88/3 95/12	80/13 80/15 80/20	still [11] 8/25 31/7	such [18] 11/5 11/21	supplying [3] 38/9
Social [13] 7/17 8/3	100/1 106/11 106/22	83/24 88/7 88/10	41/8 82/11 90/16	16/2 46/22 46/24	56/23 121/2
26/1 28/18 29/15	109/15 109/22 109/24	89/12 89/25 121/23	97/20 102/15 111/9	47/24 52/7 55/21 67/6	support [4] 11/11
30/20 31/12 44/20 53/8 55/6 67/9 115/5	116/24 118/25 131/5	122/12 130/2	132/16 132/24 133/11	91/25 93/18 94/19	26/11 26/14 145/19
127/18	131/6 134/13 141/12	staffing [5] 6/19 29/11	stock [4] 15/24 18/13	94/23 104/17 111/11	supportive [4] 38/2
society [2] 121/25	142/19 155/15	60/23 99/20 116/2	129/16 138/16	121/2 130/20 153/1	38/5 38/6 150/16
122/2	sort [18] 29/22 29/24	stage [4] 38/23 43/20	stocks [4] 129/2	sudden [1] 10/20	suppose [6] 26/15
soldier [1] 155/1	42/14 65/23 76/7	59/14 104/20	129/7 130/16 130/17	suffered [2] 105/7	35/3 35/12 96/22 99/1
solely [1] 70/6	88/20 100/17 100/24 101/5 103/8 103/10	stages [1] 55/9	stop [2] 60/3 110/17 stopped [1] 110/23	105/18 suffice [1] 6/3	153/11 sure [29] 37/9 38/14
solutions [4] 81/14	122/4 122/9 124/16	standard [4] 50/18 75/7 144/24 148/24	storage [1] 91/2	sufficiency [16] 22/25	
81/20 82/1 82/5	128/10 130/23 142/12	start [20] 6/15 7/15	store [2] 90/8 129/8	29/1 30/9 35/19 36/16	61/18 65/11 85/14
solve [1] 86/15	144/24	10/24 38/4 39/21 45/3	stored [5] 90/4 90/6	36/18 36/25 37/5	90/12 95/8 101/21
some [77] 7/16 10/3	sorted [2] 131/16	46/5 51/16 75/20 83/9	90/14 91/18 92/24	37/12 37/21 47/17	104/14 104/25 104/25
12/18 15/2 20/2 28/10 29/6 31/8 31/10 31/14	131/18	90/10 91/2 117/4	storing [2] 90/10	59/13 61/4 65/18	107/17 114/8 118/16
35/22 37/19 39/22	sought [1] 45/4	125/13 137/24 138/2	90/16	79/22 80/9	119/19 119/21 120/17
41/1 42/10 42/24 43/6	sound [2] 50/4 82/22	138/24 146/20 149/21	strategic [1] 37/14	sufficient [6] 19/25	127/21 127/21 129/21
46/25 49/2 50/4 57/11	sounded [1] 128/17	154/21	strategies [1] 17/5	59/1 59/8 59/11 60/5	129/21 139/6 139/20
57/24 61/5 61/16 64/4	sounds [1] 104/15 source [5] 9/14 9/22	started [28] 28/10 31/6 31/10 36/5 51/22	strategy [2] 79/20 80/9	60/7 sufficiently [1] 50/18	155/15 156/8 surface [4] 48/2 83/16
72/1 74/3 82/6 87/8	112/2 132/16 132/25	56/20 63/11 75/9 81/9	Street [9] 5/7 5/24	suggest [6] 15/23	84/3 85/4
87/12 88/4 88/6 88/15	sources [5] 19/24	91/12 100/3 100/9	10/25 10/25 22/11	52/4 70/19 124/23	surgery [2] 85/1 98/1
88/19 88/22 88/25	69/24 72/8 111/4	100/24 102/9 102/11	22/14 27/15 76/24	125/3 149/13	surprised [1] 59/21
90/18 93/4 94/22	111/5	103/5 103/7 110/5	77/3	suggested [2] 40/3	surprises [1] 148/17
96/23 99/7 99/14 99/19 101/4 101/10	space [5] 6/15 34/8	110/6 128/1 128/2	Strenuous [2] 16/18	156/16	surprisingly [1]
102/10 108/22 110/14	48/22 79/10 82/21	130/12 130/15 138/4	47/15	suggesting [2] 99/8	120/15
111/9 116/1 117/17	spare [1] 40/4	138/17 144/5 144/14	strict [3] 46/20 107/21	116/25	surrogate [6] 133/15
121/4 122/3 123/6	speak [1] 36/23	144/18	107/23	suggestion [2] 59/9	133/17 133/22 134/16
123/10 124/14 128/18	speaking [3] 17/21	starting [10] 44/8 49/1		105/15	134/23 136/6
130/1 130/23 132/15	88/18 108/10 special [16] 12/1	59/24 76/8 76/11 136/25 137/17 137/19	strife [1] 11/2 strikingly [1] 94/21	suggests [3] 39/2 39/13 109/1	suspect [5] 36/6 42/14 95/4 95/8 138/1
132/18 133/11 135/7	26/21 26/22 27/8	138/5 157/15	stroke [1] 152/8	suitable [4] 11/1 56/6	suspected [3] 95/24
144/5 144/14 144/16	40/24 41/19 42/8	stated [3] 31/2 41/24	strong [1] 102/8	90/20 147/24	96/9 98/21
146/6 146/7 152/17	42/15 42/20 45/6 45/7	54/7	strongly [1] 93/3	Sully [15] 8/1 8/5 9/5	sworn [1] 2/1
152/18 153/22 154/3 154/12 155/2 156/24	68/7 68/13 75/1 75/7	statement [30] 3/13	structured [1] 157/10	14/5 15/1 16/6 17/23	symptoms [1] 98/11
157/3 157/11	76/10	4/15 6/7 6/20 7/5 10/8	struggled [1] 157/11	21/4 21/25 30/12 34/2	syndrome [1] 24/16
somebody [1] 112/11	special blood [1] 75/7		struggling [2] 106/2	53/1 68/23 79/25	system [8] 36/13 64/8
someone [4] 93/25	specialised [1] 64/13	33/12 35/24 39/1 39/4	112/3	134/14	71/23 98/17 120/23
136/1 140/21 146/13	specialist [2] 100/5	39/13 74/18 77/7	students [3] 13/11	summaries [1] 94/14	123/5 151/15 151/21
something [16] 37/16	100/10 speciality [3] 80/17	79/24 86/19 87/24 88/17 99/17 99/21	13/15 13/19 studies [1] 87/11	summary [5] 83/14 89/6 89/21 95/19	Т
40/2 40/11 72/2 79/18	141/23 142/8	102/17 104/10 107/20	studies [1] 67/11 study [4] 86/11 87/2	143/10	table [2] 14/15 47/18
82/16 82/19 107/15	specific [10] 34/6	108/22 109/1 113/11	87/4 87/6	supplement [1] 69/4	tackle [1] 55/4
122/5 122/10 124/14	34/10 77/11 112/22	115/15 125/18	sub [1] 98/9	supplied [12] 12/21	TAH [2] 89/9 89/14
126/7 133/18 133/23	123/11 150/9 150/21	statements [1] 119/7	sub-clinical [1] 98/9	17/16 39/19 61/13	TAH/transaminitis [1]
145/13 153/7 sometime [3] 85/17	154/2 155/2 155/4	States [1] 86/12	subject [2] 120/1	61/16 62/1 62/8 62/15	89/14
121/9 140/12	specifically [4] 61/11	stating [1] 142/5	152/15	62/19 64/6 129/8	take [29] 7/24 11/8
sometimes [5] 66/19	103/20 116/19 154/14	statistical [3] 14/22	submitted [1] 41/6	151/4	13/18 34/11 43/18
98/15 108/3 108/6	specificity [1] 128/8	20/8 25/8	subparagraph [4]	supplier [1] 51/11	48/15 48/24 57/10
144/8	speculation [2] 99/7	statistically [1] 110/9	55/19 77/23 91/16	supplies [17] 25/5 25/19 36/8 37/1 45/6	57/24 72/12 80/2 83/3 86/4 101/3 101/19
somewhat [5] 48/7	153/14 spelled [1] 66/2	statistics [6] 12/21 14/7 14/16 15/2 15/12	115/17 subparagraph c [1]	69/4 69/8 69/16 69/21	106/12 117/2 118/19
59/19 65/20 130/15	spelt [1] 29/23	18/2	91/16	70/5 70/8 70/16 77/24	122/14 125/12 125/21
138/24	spend [1] 4/4	staying [1] 157/14	subsequent [2] 33/25	112/4 130/25 139/2	126/3 127/2 130/7
somewhere [1] 39/8	spent [3] 3/20 35/22	steadily [3] 22/22	113/22	139/4	131/15 131/17 133/14
soon [8] 24/22 41/12	37/24	52/8 52/12	subsequently [2] 33/1		149/11 152/11
119/20 122/9 128/2 129/10 149/21 158/6	spite [3] 8/15 8/19	steady [2] 22/15 25/3	129/14	36/15 40/20 41/2	taken [20] 20/15
sorry [29] 21/11 21/19	19/6	steer [1] 116/22	substantial [2] 25/4	41/11 41/14 41/20	24/19 35/13 37/4
38/17 38/22 52/25	staff [22] 7/10 7/11	step [1] 123/23	64/23	42/17 42/21 43/9	40/17 40/17 57/8 58/2
	10/2 26/18 26/19	steps [7] 48/16 55/12	substantially [2]	43/13 44/24 53/21	66/23 88/10 91/21
			<u> </u>	<u> </u>	(61) so - taker

taken... [9] 92/15 112/16 129/11 129/14 129/15 132/5 138/19 145/18 156/2 takes [1] 126/17 taking [5] 57/18 57/19 123/23 126/11 126/12 talk [2] 43/24 101/13 talked [3] 57/22 78/24 100/16 talking [5] 1/20 1/22 61/2 71/8 79/12 tapping [1] 79/12 target [1] 142/6 targeted [1] 123/12 targets [1] 63/18 task [1] 122/14 tea [1] 126/13 teaching [2] 13/19 28/13 technician [2] 1/16 131/13 technique [1] 48/11 tell [4] 43/19 88/16 126/1 126/1 tells [2] 91/20 119/22 temperature [1] 38/14 temporary [6] 6/1 27/14 27/15 59/3 60/20 104/7 ten [2] 6/3 158/10 ten o'clock [1] 158/10 tend [1] 31/8 tends [1] 94/24 tenth [1] 21/23 tenure [1] 6/21 term [1] 86/25 terms [25] 6/19 10/14 11/9 11/10 20/17 23/19 25/10 26/15 43/7 46/14 56/22 58/6 67/5 72/9 80/21 97/25 99/20 101/23 110/7 115/10 122/7 137/25 138/25 148/15 150/10 test [19] 13/4 24/22 84/12 84/13 84/14 84/15 85/9 85/10 85/16 91/10 93/1 96/12 128/10 128/17 128/18 128/21 129/7 137/10 137/10 tested [4] 105/12 129/5 130/8 130/24 testing [32] 41/9 42/4 42/4 47/24 48/2 49/1 50/24 51/19 51/20 54/23 54/23 55/19 55/22 55/25 55/25 9/2 9/20 27/4 31/7 90/21 92/23 97/4 35/10 36/4 41/4 43/20

127/20 128/4 129/15 130/15 133/16 133/17 133/22 134/3 134/16 134/23 135/3 136/6 138/16 148/2 tests [22] 20/3 84/8 85/6 90/5 91/8 91/17 91/22 92/2 92/3 92/9 92/21 96/23 98/2 128/5 128/6 128/8 128/11 128/12 153/1 153/1 153/4 153/5 **than [40]** 8/14 15/18 28/16 35/13 48/7 52/4 53/9 54/17 58/15 60/10 63/1 70/22 72/6 77/4 80/24 81/9 81/19 83/23 90/15 90/25 96/8 109/3 112/12 112/15 112/18 115/11 117/18 117/18 122/21 126/6 134/2 134/2 137/5 137/22 137/25 145/8 149/8 149/18 150/21 155/7 **thank [21]** 15/1 17/7 19/10 34/11 44/1 72/12 82/25 86/4 117/2 120/1 127/4 133/14 133/14 149/23 152/11 152/11 156/14 157/13 157/13 157/15 158/11 Thanks [1] 46/3 that [692] that from [1] 121/7 that I [4] 67/6 109/20 129/18 144/3 that is [4] 1/24 82/5 99/6 114/13 that was [1] 10/21 that's [55] 2/13 3/11 4/14 4/21 4/25 6/2 6/13 6/13 7/4 18/4 21/17 26/9 32/22 33/4 33/11 34/18 34/23 35/15 35/16 38/10 38/10 38/18 43/1 45/20 45/23 49/14 56/1 56/24 62/10 62/22 63/2 68/8 70/23 70/24 71/10 78/11 78/16 82/8 82/17 88/13 113/18 114/25 119/5 121/12 121/19 124/17 125/21 131/1 135/5 138/4 141/12 142/19 143/6 144/19 157/5 their [31] 3/24 7/18

53/15 56/16 58/20 63/13 75/4 75/4 77/14 79/14 82/14 83/17 91/4 102/5 105/11 108/3 112/13 117/17 121/1 147/17 147/25 148/3 149/3 **them [17]** 7/19 15/3 20/15 20/21 28/24 53/16 55/18 64/6 66/14 100/18 101/2 101/18 103/10 108/8 112/14 119/14 122/24 theme [1] 131/4 themselves [3] 32/11 64/5 120/14 then [158] 2/2 2/23 4/5 4/10 5/5 6/4 7/8 7/15 12/8 13/2 13/8 13/21 14/4 14/10 14/13 14/15 14/19 14/20 14/21 15/6 15/9 15/10 15/12 17/7 17/23 18/17 19/9 20/2 21/4 21/12 21/19 21/19 21/22 22/2 22/17 23/3 23/7 23/19 24/12 24/14 25/7 28/9 29/15 30/18 31/21 32/25 33/5 33/9 33/12 33/21 40/1 40/3 41/11 42/2 43/2 44/24 45/7 45/13 45/24 46/10 47/18 47/20 50/1 50/10 50/14 51/7 51/18 51/22 52/23 53/19 53/25 54/19 54/20 55/15 56/2 56/10 56/10 56/14 57/16 58/6 58/12 59/2 61/8 62/1 62/5 62/8 64/6 65/6 69/5 69/11 69/14 70/12 71/9 74/15 75/9 75/25 77/12 77/21 78/12 79/20 83/4 83/14 84/16 84/18 84/23 85/9 86/6 89/9 89/19 89/19 90/18 91/20 92/14 92/24 93/13 94/7 96/3 97/3 100/20 103/23 104/20 105/1 110/13 112/6 117/3 118/23 119/10 119/22 124/22 125/15 125/22 126/13 126/15 126/18 126/19 127/1 129/10 129/18 131/3 133/15 134/10 136/13 138/14 139/25 140/7 141/4 142/2 143/11 144/1 145/20 145/24 146/19

149/20 152/21 154/23 155/10 157/20 158/1 theoretical [1] 108/11 theoretically [1] 60/7 there [211] there'd [1] 119/16 there's [25] 8/7 9/8 14/21 16/2 17/9 20/2 24/12 43/21 44/23 45/7 50/10 54/19 56/10 68/20 84/17 99/7 119/11 125/10 134/17 139/6 140/2 140/5 141/17 143/12 151/17 thereafter [1] 123/23 therefore [5] 21/3 28/6 133/1 141/13 150/17 these [39] 9/21 12/18 12/20 20/5 25/14 27/25 28/6 29/22 37/8 41/6 44/13 50/8 53/20 69/6 69/11 71/3 73/12 76/10 76/11 76/15 80/15 93/4 93/4 94/19 101/16 103/4 103/11 106/24 107/10 112/1 113/16 132/9 139/22 141/8 141/10 142/24 147/4 147/25 154/21 they [56] 5/7 5/9 10/5 28/22 28/24 29/4 29/7 29/18 52/4 60/19 62/16 62/18 63/13 64/14 71/4 72/4 72/5 72/9 72/10 73/14 75/19 87/7 92/4 97/5 99/11 100/20 100/22 100/22 100/23 101/3 102/6 103/5 104/16 105/6 105/21 105/22 107/6 108/3 108/5 110/20 111/1 111/17 112/2 112/13 119/19 122/22 125/18 128/11 135/12 136/21 145/24 150/24 152/9 152/20 154/22 157/4 they'd [2] 90/19 109/10 they're [2] 7/23 17/24 they've [2] 105/17 157/3 thing [7] 30/1 65/22 109/7 109/11 112/23 130/11 140/14 things [5] 5/21 99/1 107/1 135/13 156/23 think [190] thinking [2] 35/20

92/3

third [8] 20/12 42/2 58/18 84/7 88/3 112/6 140/17 145/24 thirds [1] 41/14 this [268] thoroughness [1] 158/7 those [72] 3/16 5/21 7/13 8/10 9/14 9/17 10/5 11/21 21/21 25/17 25/25 26/7 26/8 27/3 27/8 28/18 30/21 32/7 35/21 36/3 36/5 36/6 36/15 40/7 44/10 45/4 45/20 50/20 51/3 53/14 56/13 58/4 61/20 62/15 64/16 66/10 68/2 71/3 72/17 73/7 84/1 87/11 97/4 102/14 102/16 102/20 104/2 104/4 104/7 111/15 112/7 119/17 121/1 122/2 123/8 125/19 125/20 125/23 126/17 126/18 130/4 130/18 143/17 143/19 147/21 149/10 152/18 154/1 154/15 156/15 156/16 157/5 though [5] 18/8 107/5 116/5 147/24 158/5 thought [13] 52/16 60/25 65/22 86/12 109/23 118/21 123/6 126/5 127/25 137/9 154/11 154/24 155/7 three [14] 17/8 33/16 51/24 54/17 57/13 77/4 77/5 82/21 82/21 103/24 106/9 108/15 130/14 132/25 three paragraphs [1] 17/8 three weeks [1] 130/14 three years [1] 82/21 through [25] 2/18 15/3 27/7 43/5 48/8 55/18 56/13 64/21 68/1 69/22 69/22 75/22 88/11 95/21 96/11 100/17 104/21 110/16 117/9 120/2 142/17 147/12 151/19 152/2 152/4 throughout [3] 11/7 78/21 86/13 throughput [1] 78/2 thrust [1] 155/18 Thursday [5] 22/13 157/21 158/8 158/9 158/13

tick [1] 123/25 time [84] 1/23 3/3 3/9 3/13 4/4 6/4 6/9 7/5 8/13 10/7 13/10 13/13 13/25 20/22 21/1 21/15 21/18 25/15 28/2 33/1 33/1 35/22 37/2 37/24 38/7 38/9 38/19 40/6 43/13 45/17 48/24 52/9 56/21 57/24 61/5 63/16 64/1 65/11 65/12 66/7 66/23 66/25 75/15 75/17 75/20 77/18 79/14 83/1 83/2 86/8 87/6 87/6 91/13 91/20 98/13 98/14 98/25 100/4 100/18 102/10 106/7 107/6 109/22 110/5 110/6 112/3 114/15 114/15 116/11 116/24 118/20 120/10 124/3 124/7 124/16 124/18 125/4 125/14 129/25 142/9 144/4 144/4 144/14 155/20 time-expired [5] 21/15 21/18 38/9 38/19 45/17 times [4] 11/4 92/25 101/21 112/3 timetable [1] 157/25 tiny [1] 109/20 title [1] 4/9 to [959] to **75-80** [1] 82/20 to BPL [1] 38/8 to: [1] 143/5 to: Chief [1] 143/5 today [3] 125/25 126/23 157/19 together [3] 89/22 100/16 138/13 told [12] 3/13 6/7 6/19 27/13 35/24 99/16 108/3 108/20 110/12 155/19 155/23 158/3 tomorrow [3] 50/8 157/18 158/8 too [5] 19/25 51/1 69/11 72/18 72/24 took [16] 2/10 5/16 5/20 6/6 6/14 10/7 27/11 36/19 38/7 80/14 84/24 86/5 86/9 101/17 108/10 127/23 top [13] 11/17 23/12 30/13 33/22 45/10 50/14 54/25 56/2 69/8 69/11 102/22 103/24

(62) taken... - top

143/9

A2/13 56/3 56/8 Fansportation [2] B3/15 56/5 Fansported [1] 22/23 Fauma [1] 10/19 Freasurer's [1] 68/18 Freated [5] 92/19 Freasurer's [1] 68/18 Freated [5] 92/19 Freasurer's [1] 68/18 Freated [5] 92/19 Freasurer's [1] 68/18 Freated [6] 3/4 12/5 Freatment [8] 3/4 12/10 Freatment [8] 3/4 12/5 Freatment [8] 3/4 12	65/16	158/8 158/13	us [41] 3/13 6/7 6/19 10/2 15/3 15/15 35/24 41/13 48/14 63/15 77/5 81/17 84/7 85/15 85/24 85/25 88/16 91/20 94/16 95/21 95/24 96/16 99/16 108/6 108/20 109/16 110/11 113/15 119/22 125/22 126/20 132/10 141/5 142/11 150/7 150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19	142/21 156/5 vary [1] 20/23 vast [1] 107/10 vCJD [2] 141/18 141/19 vehicle [1] 56/7 venue [3] 11/14 20/25 101/20 venues [2] 25/22 99/19 version [1] 102/25 versions [1] 103/1 very [84] 3/21 3/25 4/2 5/22 9/13 9/22 9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
ransportation [2] 39/15 56/5 ransported [1] 22/23 rauma [1] 10/19 reasurer's [1] 68/18 reated [5] 92/19 115/9 132/18 132/22 133/6 reatment [8] 3/4 12/5 19/22 64/13 66/8 132/8 133/10 148/3 rend [1] 24/24 rends [1] 52/4 rials [2] 144/6 144/15 rip [1] 56/7 rivial [1] 122/10 roubles [5] 10/10 rivial [1] 49/23 ruck [1] 49/23 ruck [1] 49/23 ruck [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 11/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	typical [1] 107/13 typically [2] 20/23 30/21 U UK [11] 5/23 26/9 30/15 54/17 55/21 86/20 86/21 87/22 119/5 134/3 139/20 Ulster [2] 83/11 95/6 ultimate [1] 29/24 um [9] 15/18 35/3 53/11 59/12 60/16 71/12 136/7 153/22 156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	124/3 129/25 unit [3] 33/22 53/18 91/25 United [4] 34/14 86/12 133/20 137/6 United Kingdom [3] 34/14 133/20 137/6 United States [1] 86/12 units [13] 8/13 12/19 15/5 15/5 39/7 45/6 52/6 79/3 89/23 146/6 147/8 147/23 155/1 unlikely [2] 59/4 147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	urging [2] 149/2 154/20 us [41] 3/13 6/7 6/19 10/2 15/3 15/15 35/24 41/13 48/14 63/15 77/5 81/17 84/7 85/15 85/24 85/25 88/16 91/20 94/16 95/21 95/24 96/16 99/16 108/6 108/20 109/16 110/11 113/15 119/22 125/22 126/20 132/10 141/5 142/11 150/7 150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	vary [1] 20/23 vast [1] 107/10 vCJD [2] 141/18 141/19 vehicle [1] 56/7 venue [3] 11/14 20/25 101/20 venues [2] 25/22 99/19 version [1] 102/25 versions [1] 103/1 very [84] 3/21 3/25 4/2 5/22 9/13 9/22 9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11
39/15 56/5 ransported [1] 22/23 rauma [1] 10/19 reasurer's [1] 68/18 reated [5] 92/19 115/9 132/18 132/22 133/6 reatment [8] 3/4 12/5 19/22 64/13 66/8 132/8 133/10 148/3 rends [1] 24/24 rends [1] 52/4 rials [2] 144/6 144/15 rip [1] 56/7 rivial [1] 122/10 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 ruck [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 11/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	typically [2] 20/23 30/21 U UK [11] 5/23 26/9 30/15 54/17 55/21 86/20 86/21 87/22 119/5 134/3 139/20 Ulster [2] 83/11 95/6 ultimate [1] 29/24 um [9] 15/18 35/3 53/11 59/12 60/16 71/12 136/7 153/22 156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	91/25 United [4] 34/14 86/12 133/20 137/6 United Kingdom [3] 34/14 133/20 137/6 United States [1] 86/12 units [13] 8/13 12/19 15/5 15/5 39/7 45/6 52/6 79/3 89/23 146/6 147/8 147/23 155/1 unlikely [2] 59/4 147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	154/20 us [41] 3/13 6/7 6/19 10/2 15/3 15/15 35/24 41/13 48/14 63/15 77/5 81/17 84/7 85/15 85/24 85/25 88/16 91/20 94/16 95/21 95/24 96/16 99/16 108/6 108/20 109/16 110/11 113/15 119/22 125/22 126/20 132/10 141/5 142/11 150/7 150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	vast [1] 107/10 vCJD [2] 141/18 141/19 vehicle [1] 56/7 venue [3] 11/14 20/25 101/20 venues [2] 25/22 99/19 version [1] 102/25 versions [1] 103/1 very [84] 3/21 3/25 4/2 5/22 9/13 9/22 9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11
ransported [1] 22/23 rauma [1] 10/19 reasurer's [1] 68/18 reated [5] 92/19 115/9 132/18 132/22 133/6 reatment [8] 3/4 12/5 19/22 64/13 66/8 132/8 133/10 148/3 rend [1] 24/24 rends [1] 52/4 reids [2] 144/6 144/15 rip [1] 56/7 rivial [1] 122/10 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 ruck [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 11/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	30/21 UK [11] 5/23 26/9 30/15 54/17 55/21 86/20 86/21 87/22 119/5 134/3 139/20 Ulster [2] 83/11 95/6 ultimate [1] 29/24 um [9] 15/18 35/3 53/11 59/12 60/16 71/12 136/7 153/22 156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	91/25 United [4] 34/14 86/12 133/20 137/6 United Kingdom [3] 34/14 133/20 137/6 United States [1] 86/12 units [13] 8/13 12/19 15/5 15/5 39/7 45/6 52/6 79/3 89/23 146/6 147/8 147/23 155/1 unlikely [2] 59/4 147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	us [41] 3/13 6/7 6/19 10/2 15/3 15/15 35/24 41/13 48/14 63/15 77/5 81/17 84/7 85/15 85/24 85/25 88/16 91/20 94/16 95/21 95/24 96/16 99/16 108/6 108/20 109/16 110/11 113/15 119/22 125/22 126/20 132/10 141/5 142/11 150/7 150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	vCJD [2] 141/18 141/19 vehicle [1] 56/7 venue [3] 11/14 20/25 101/20 venues [2] 25/22 99/19 version [1] 102/25 versions [1] 103/1 very [84] 3/21 3/25 4/2 5/22 9/13 9/22 9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11
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reasurer's [1] 68/18 reasurer's [1] 68/18 reated [5] 92/19 115/9 132/18 132/22 133/6 reatment [8] 3/4 12/5 19/22 64/13 66/8 132/8 133/10 148/3 rend [1] 24/24 rends [1] 52/4 rials [2] 144/6 144/15 rip [1] 56/7 rivial [1] 122/10 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 11/1 22/13 ruition [2] 13/11 13/14 rur [8] 14/4 53/19	UK [11] 5/23 26/9 30/15 54/17 55/21 86/20 86/21 87/22 119/5 134/3 139/20 Ulster [2] 83/11 95/6 ultimate [1] 29/24 um [9] 15/18 35/3 53/11 59/12 60/16 71/12 136/7 153/22 156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	133/20 137/6 United Kingdom [3] 34/14 133/20 137/6 United States [1] 86/12 units [13] 8/13 12/19 15/5 15/5 39/7 45/6 52/6 79/3 89/23 146/6 147/8 147/23 155/1 unlikely [2] 59/4 147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	41/13 48/14 63/15 77/5 81/17 84/7 85/15 85/24 85/25 88/16 91/20 94/16 95/21 95/24 96/16 99/16 108/6 108/20 109/16 110/11 113/15 119/22 125/22 126/20 132/10 141/5 142/11 150/7 150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	venue [3] 11/14 20/25 101/20 venues [2] 25/22 99/19 version [1] 102/25 versions [1] 103/1 very [84] 3/21 3/25 4/2 5/22 9/13 9/22 9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/15 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
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115/9 132/18 132/22 133/6 reatment [8] 3/4 12/5 19/22 64/13 66/8 132/8 133/10 148/3 rend [1] 24/24 rends [1] 52/4 rials [2] 144/6 144/15 rip [1] 56/7 rivial [1] 122/10 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 ruck [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	86/20 86/21 87/22 119/5 134/3 139/20 Ulster [2] 83/11 95/6 ultimate [1] 29/24 um [9] 15/18 35/3 53/11 59/12 60/16 71/12 136/7 153/22 156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	34/14 133/20 137/6 United States [1] 86/12 units [13] 8/13 12/19 15/5 15/5 39/7 45/6 52/6 79/3 89/23 146/6 147/8 147/23 155/1 unlikely [2] 59/4 147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	85/24 85/25 88/16 91/20 94/16 95/21 95/24 96/16 99/16 108/6 108/20 109/16 110/11 113/15 119/22 125/22 126/20 132/10 141/5 142/11 150/7 150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	101/20 venues [2] 25/22 99/19 version [1] 102/25 versions [1] 103/1 very [84] 3/21 3/25 4/2 5/22 9/13 9/22 9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11
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rials [2] 144/6 144/15 rip [1] 56/7 rivial [1] 122/10 rouble [1] 47/19 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	71/12 136/7 153/22 156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	unlikely [2] 59/4 147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	150/11 151/19 152/10 155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	9/22 10/20 11/1 15/22 24/16 25/15 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/19 85/17 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
rip [1] 56/7 rivial [1] 122/10 rouble [1] 47/19 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	156/23 UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	147/3 unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	155/19 155/23 157/8 usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	24/16 25/15 25/15 25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
rivial [1] 122/10 rouble [1] 47/19 roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	UMG [1] 67/16 uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	unnecessarily [1] 107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	usage [8] 19/22 36/8 59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	25/19 25/20 28/25 29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
rouble [1] 47/19 froubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	uncertain [1] 97/20 unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	107/23 unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	59/17 64/2 141/23 142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	29/5 32/9 35/23 37/24 38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
roubles [5] 10/10 11/9 42/12 113/2 113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/1/6 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 80/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	unconfirmed [1] 147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	unsatisfactory [2] 6/8 98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/8 158/13	142/6 142/8 151/11 use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	38/2 38/5 38/14 39/4 48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
11/9 42/12 113/2 113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 80/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 uition [2] 13/11 13/14 run [8] 14/4 53/19	147/22 uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	98/19 unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	use [43] 38/25 48/20 66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	48/14 48/18 48/18 48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
113/8 ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 80/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	uncovered [1] 112/23 under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	unscreened [1] 138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	66/12 66/13 66/24 67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	48/19 55/8 66/20 68/3 68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
ruck [1] 49/23 rue [1] 97/22 ruly [3] 102/4 110/22 l111/16 ruthful [2] 103/16 l11/18 ry [5] 36/7 38/15 80/19 112/16 130/7 rying [5] 66/13 133/7 l42/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 lition [2] 13/11 13/14 lurn [8] 14/4 53/19	under [15] 14/25 18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	138/20 unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	67/3 70/18 74/1 74/19 76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	68/4 73/13 74/3 75/17 76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
rue [1] 97/22 ruly [3] 102/4 110/22 l11/16 ruthful [2] 103/16 l11/18 ry [5] 36/7 38/15 80/19 112/16 130/7 rying [5] 66/13 133/7 l42/10 155/7 157/13 TV [2] 86/11 87/2 fuesday [2] 1/1 22/13 luition [2] 13/11 13/14 lurn [8] 14/4 53/19	18/20 21/6 30/22 36/7 42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	unsuitability [1] 20/16 unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	76/2 76/11 76/15 76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	76/17 78/21 79/12 79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
ruly [3] 102/4 110/22 111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	42/17 69/20 70/3 70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	unsuitable [1] 85/20 untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	76/17 76/21 77/14 79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	79/12 79/13 80/22 85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
111/16 ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	70/11 77/22 89/9 92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	untested [3] 130/21 133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	79/22 80/3 80/7 80/20 81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	85/19 85/19 85/19 86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
ruthful [2] 103/16 111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	92/14 94/24 103/14 143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	133/1 139/1 until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	81/1 82/12 82/12 84/8 85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	86/17 86/18 87/18 91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
111/18 ry [5] 36/7 38/15 30/19 112/16 130/7 rying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 ruesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	143/9 underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	until [24] 2/23 3/12 3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	85/20 85/21 87/23 100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	91/12 91/14 92/8 93/8 95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
y [5] 36/7 38/15 30/19 112/16 130/7 ying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 fuesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	underestimate [1] 147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	3/18 4/9 6/11 26/3 66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	100/25 103/4 112/12 112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	95/7 97/10 99/9 102/1 102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
30/19 112/16 130/7 ying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	147/19 undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	66/8 83/4 85/16 92/1 102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	112/25 113/6 115/3 120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	102/8 102/16 107/21 108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
ying [5] 66/13 133/7 142/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	undergo [1] 12/2 undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	102/9 109/5 109/13 120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	120/19 120/23 124/3 129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	108/8 109/11 110/13 111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
42/10 155/7 157/13 TV [2] 86/11 87/2 uesday [2] 1/1 22/13 ition [2] 13/11 13/14 urn [8] 14/4 53/19	undergoing [1] 100/10 underlined [1] 119/11 undermining [1] 65/16	120/5 122/23 124/25 126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	129/2 134/5 139/10 143/3 144/7 144/15 150/10 150/17	111/10 112/21 113/1 113/6 118/10 118/11 122/5 122/23 127/25
TV [2] 86/11 87/2 uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	100/10 underlined [1] 119/11 undermining [1] 65/16	126/10 127/2 149/24 153/17 157/14 158/8 158/8 158/13	143/3 144/7 144/15 150/10 150/17	113/6 118/10 118/11 122/5 122/23 127/25
uesday [2] 1/1 22/13 uition [2] 13/11 13/14 urn [8] 14/4 53/19	underlined [1] 119/11 undermining [1] 65/16	153/17 157/14 158/8 158/8 158/13	150/10 150/17	122/5 122/23 127/25
uition [2] 13/11 13/14 urn [8] 14/4 53/19	undermining [1] 65/16	158/8 158/13		
urn [8] 14/4 53/19	65/16		UCON 1351 6/1/ 1/1/1	
• •				128/1 128/1 128/2
ธบ/าอ ช6/3 99/2 99/14	underescond FOOT AIAF	unusual [1] 26/8	12/4 38/11 48/3 48/23	133/5 133/23 134/5
	understand [32] 4/15	up [60] 2/10 3/24 17/8	56/8 62/14 66/9 72/18	137/9 137/24 145/10
134/13 144/1	5/9 17/20 26/2 32/18	18/3 18/13 18/17	72/25 74/11 75/14	145/12 147/2 150/12
urned [3] 10/25 10/25		19/12 22/19 28/9	75/24 82/9 84/15 85/8	156/23 157/15
99/1 	37/16 38/8 43/4 52/10	30/11 33/14 34/4	93/18 93/25 102/18	via [6] 31/13 62/15
welve [1] 105/8	52/18 53/5 55/23	36/19 43/2 43/15	103/3 112/7 119/23	65/1 80/12 114/5
welve months [1]	56/18 59/9 61/24	44/22 45/24 47/10	130/9 144/23	152/21 Vietorio [5] 12/2 60/4
105/8	71/23 72/5 74/17	49/4 59/16 62/6 63/14	users [5] 80/6 80/16	Victoria [5] 12/3 69/1
wenty [1] 16/21	76/19 85/3 86/25 114/3 114/19 136/16	69/8 71/19 75/9 75/12		69/20 70/3 132/3
wice [2] 66/19 100/15 wo [32] 3/14 5/21	145/3 151/12 151/23		users' [1] 45/11 using [5] 59/22 81/4	view [9] 10/17 40/24
	152/1 155/15	79/23 86/1 86/5 86/9 87/5 88/2 90/14 93/17	84/12 112/16 144/17	42/16 51/13 55/3
5/21 6/25 10/17 13/20 18/1 20/23 21/4 21/13	understanding [19]	96/4 102/2 106/21	utilise [1] 77/4	76/25 106/12 107/22 110/14
22/4 22/17 23/10 33/9	15/15 20/10 30/24	107/5 109/5 109/16		views [1] 46/19
11/14 57/13 60/8 60/9	39/18 58/7 58/10	112/13 119/1 120/18	V	
94/7 96/14 96/18	70/24 73/11 85/15	120/23 121/16 123/5	Vague [1] 98/11	VIII [42] 19/21 19/23 23/1 36/9 37/5 37/12
				38/5 38/11 39/5 39/7
				40/24 41/1 41/3 41/21
				42/21 42/24 43/10
156/23				43/13 52/5 58/17
				58/25 59/10 59/17
				59/23 60/21 61/4
23/10				61/18 62/7 62/13
				63/19 64/2 64/24 67/2
22/17 97/12				69/18 71/12 71/17
			l l	74/12 84/21 116/21
VO VENIS LSE ZUZZS				
	undoubtedly [1] 8/17	86/13 121/15 139/7	93/11 100/5 100/17	133/6 151/11 152/6
22/4 33/9	undoubtedly [1] 8/17	86/13 121/15 139/7	93/11 100/5 100/17	133/6 151/11 152/6
96/ 118 13/ 15/ NO 23/ NO	/21 97/1 97/3 97/12 8/7 126/7 130/13 0/18 132/13 143/14 6/23 hours [1] 126/7 pages [2] 21/4 /10 paragraphs [2]	21 97/1 97/3 97/12 86/7 86/23 96/16 114/21 136/20 136/23 138/8 145/12 153/9 157/9 157/9 10 10 10 10 10 10 10 1	21 97/1 97/3 97/12 86/7 86/23 96/16 124/21 126/9 126/23 128/12 134/14 134/19 138/8 145/12 153/9 157/9 150/16 100/18 132/13 143/14 138/8 145/12 153/9 157/9 150/16 100/18 141/18 100 100/18 141/18 100/18 135/4 145/3 145/5 135/4 145/3 145/5 100/18 121/5 121/5 121/5 128/2 128/2 128/2 124/21 126/9 126/23 128/12 134/14 134/19 139/17 140/11 147/20 150/16 150/16 100/18 141/18 157/24 100/18 141/18 121/5	21 97/1 97/3 97/12 86/7 86/23 96/16 124/21 126/9 126/23 valid [1] 154/3 validated [1] 54/15 138/8 132/13 143/14 138/8 145/12 153/9 157/9 understood [3] 65/20 pages [2] 21/4 valuetake [1] 104/11 100/18 141/18 validated [1] 101/15 valuetake [1] 101/

ways [3] 32/7 80/22 21/14 25/16 26/10 whereby [2] 20/14 who [49] 1/22 7/6 7/9 WITN3082021 [1] 29/15 29/16 29/18 9/1 12/1 13/23 24/23 83/10 86/12 64/8 village [1] 101/10 we [379] 30/24 34/3 34/4 36/4 wherever [1] 129/9 27/22 46/20 46/23 witness [8] 4/15 10/8 virtually [3] 66/8 we can [1] 103/14 36/5 36/23 37/3 37/3 whether [34] 43/5 55/5 63/8 63/21 71/22 10/13 30/11 99/21 107/16 109/9 we'd [4] 78/24 118/15 37/9 37/13 39/1 39/3 45/7 47/11 65/7 69/22 75/2 79/13 80/15 84/1 107/20 113/11 115/15 virus [6] 24/20 24/23 witnesses [3] 43/19 121/21 125/1 42/7 43/2 43/6 43/19 72/15 72/18 72/24 84/25 85/13 89/10 83/12 83/19 83/24 73/1 85/21 87/14 46/17 48/1 49/8 51/5 99/23 100/5 100/10 we'll [12] 30/11 32/23 82/6 117/15 137/10 43/2 43/17 43/18 51/24 52/10 52/10 88/23 93/6 95/1 95/2 100/24 101/5 104/17 Wolff [1] 9/25 vis [2] 29/18 29/18 105/4 105/16 106/10 44/17 83/3 127/2 53/6 58/3 59/12 60/4 102/3 102/5 103/15 won't [2] 15/3 157/17 vis à vis [1] 29/18 131/13 131/15 131/17 60/6 63/16 63/18 104/14 105/21 105/22 106/11 106/15 107/5 wondering [2] 129/19 viscosity [3] 81/22 63/18 72/6 72/11 80/2 112/11 115/4 123/1 149/20 108/2 110/9 110/11 142/17 81/24 82/1 we're [5] 44/10 79/12 80/18 86/7 86/23 124/25 125/1 127/17 112/7 117/16 119/9 words [8] 5/18 25/22 visit [6] 13/25 32/20 125/11 126/11 126/12 88/17 90/10 91/1 92/3 130/13 135/8 136/3 120/24 121/1 132/11 60/13 66/10 73/18 49/3 49/5 54/5 54/19 we've [18] 15/2 17/23 92/20 94/2 94/4 96/16 136/17 138/19 156/2 136/1 140/21 140/22 75/1 93/11 107/3 visited [2] 14/10 18/2 18/19 20/9 21/8 96/17 99/25 104/15 156/17 142/11 146/9 146/11 work [19] 3/24 9/13 49/17 22/2 23/4 23/10 23/13 105/24 106/6 106/9 which [137] 1/12 1/25 9/20 10/5 10/12 25/19 146/17 visiting [3] 9/20 66/18 23/19 43/3 46/5 68/25 5/22 7/17 12/2 12/4 107/24 108/7 111/4 whole [11] 13/21 15/4 48/25 57/21 57/23 109/8 99/17 118/9 129/12 112/15 114/20 115/22 14/6 14/11 19/5 19/14 19/9 68/23 80/3 80/8 57/23 65/17 87/14 visits [4] 20/24 54/11 157/18 118/11 118/12 121/13 19/15 19/20 21/8 22/8 81/5 82/2 110/7 110/7 87/19 111/5 121/1 75/18 75/19 website [1] 158/3 123/19 125/6 125/15 23/2 24/6 25/23 26/2 110/9 140/5 142/18 143/17 **volume [2]** 15/16 126/9 128/17 129/11 week [4] 3/20 10/1 26/8 26/13 26/22 27/9 whom [2] 88/19 144/5 15/17 28/16 28/24 29/13 10/2 117/17 129/13 129/23 130/22 147/21 worked [4] 3/2 36/13 voluntary [3] 102/4 weekly [6] 16/22 133/1 133/19 135/2 31/6 34/25 34/25 whose [2] 93/25 105/5 53/12 71/23 110/22 111/16 66/16 66/19 66/19 138/15 138/17 142/7 35/19 37/12 37/17 why [14] 16/2 27/11 working [9] 9/4 30/2 57/10 74/8 82/17 114/7 150/13 143/4 145/23 148/9 37/18 38/11 39/7 34/13 49/18 76/14 148/13 148/24 149/12 79/21 128/13 128/14 weeks [4] 120/7 121/8 39/15 40/3 40/8 40/9 85/15 85/17 90/11 waiting [1] 117/19 130/13 130/14 153/9 153/15 153/17 41/24 45/4 46/12 47/4 109/1 109/25 119/16 134/17 Wales [8] 34/16 35/1 welcome [1] 41/16 **what's [2]** 25/10 58/18| 47/18 48/5 48/19 137/20 143/18 145/8 workplace [4] 101/11 83/21 83/22 117/7 whatever [4] 9/21 welcomed [2] 48/12 48/23 48/23 50/11 widely [1] 76/21 101/25 102/14 156/7 136/3 136/5 143/7 35/7 153/24 156/10 50/24 50/25 53/3 wider [1] 97/13 128/18 workplaces [2] 9/15 want [11] 5/3 7/15 well [62] 1/11 1/18 when [69] 2/25 3/8 53/19 54/10 54/21 will [31] 1/23 1/25 2/1 102/4 23/23 32/16 108/15 2/2 22/15 24/22 40/21 7/10 10/9 13/17 20/12 3/25 4/6 5/4 5/16 5/20 55/3 57/6 58/25 60/1 works [2] 27/25 81/17 127/9 132/13 143/8 28/22 35/3 37/23 6/21 7/13 8/24 9/23 62/24 63/24 66/24 43/18 49/8 50/4 60/9 worry [2] 139/22 145/1 149/12 157/13 40/11 43/4 43/17 10/5 11/4 27/13 27/16 67/1 67/22 68/14 69/7 120/22 120/25 125/10 142/21 wanted [14] 18/3 47/10 51/1 53/11 28/10 28/24 31/6 71/20 72/2 73/6 73/9 125/13 125/21 126/4 worrying [1] 65/4 34/12 36/12 58/17 37/23 38/3 39/10 55/10 56/21 63/20 74/11 74/13 74/20 126/13 126/16 126/18 worse [1] 54/16 59/25 73/14 79/20 65/13 72/7 76/25 81/6 43/11 43/20 50/25 76/5 76/20 78/16 126/19 126/19 140/1 would [224] 111/2 112/6 133/15 83/3 86/9 88/8 90/12 59/16 63/10 74/1 75/9 81/12 81/14 81/22 141/16 147/3 147/14 wouldn't [7] 32/1 135/23 137/11 137/13 91/6 95/11 96/3 99/19 78/13 79/8 86/5 86/9 157/4 157/4 157/21 81/24 83/3 87/16 89/1 52/16 67/5 116/6 148/9 100/8 100/14 101/15 87/18 87/18 87/19 94/15 94/22 94/25 158/2 158/4 144/10 144/11 144/12 wanting [1] 37/20 103/9 108/11 109/14 90/12 90/13 90/23 96/7 97/12 99/10 WILLIAM [2] 2/5 writing [2] 40/19 wants [1] 49/6 109/15 110/21 118/4 99/1 100/3 100/8 101/7 101/8 101/16 159/3 129/6 **ward [1]** 3/3 118/12 118/17 121/14 100/23 101/7 102/9 101/17 101/25 104/2 winded [1] 141/12 written [2] 49/9 90/13 warning [1] 73/15 124/15 125/6 126/10 102/11 103/5 103/6 104/4 104/7 106/14 wish [6] 46/18 46/20 wrong [1] 128/10 was [556] 47/11 51/15 137/19 127/2 127/20 127/25 104/15 104/18 105/12 107/19 109/19 111/3 wrote [1] 98/24 was kind [1] 107/8 128/3 132/4 136/25 106/5 106/23 108/17 112/9 113/19 113/23 156/22 was made [1] 63/24 138/2 140/12 140/12 109/5 110/10 110/16 113/25 114/12 118/10 wished [1] 115/19 wasn't [6] 35/11 37/11 yeah [6] 71/1 93/5 142/11 144/15 148/25 111/11 112/3 128/16 118/25 120/8 122/5 with [209] 37/14 65/10 65/13 149/18 153/3 154/22 129/17 134/3 136/8 114/7 127/21 133/11 123/2 125/17 126/4 with PFC [1] 43/3 143/21 156/20 157/7 136/18 137/10 138/10 127/24 129/4 129/7 within [11] 26/12 28/4 135/19 watching [1] 1/23 139/16 140/10 149/20 year [45] 2/17 8/4 Wellington [1] 16/22 130/3 132/15 132/23 67/24 71/21 92/17 Watt [1] 49/13 8/11 8/14 8/22 9/7 92/21 92/22 145/7 went [5] 2/18 117/11 150/5 133/18 136/14 139/8 Watt's [1] 55/3 130/9 138/10 154/19 11/18 11/25 13/9 141/16 142/4 142/23 146/10 155/1 156/5 **when I [1]** 109/5 Watts [1] 54/7 13/21 13/21 16/5 16/7 where [20] 9/11 11/8 were [230] 144/7 144/16 144/16 without [5] 80/10 way [23] 7/18 20/6 16/17 17/1 17/5 17/21 were: [1] 17/18 28/3 28/7 33/15 50/21 144/23 145/2 146/2 81/19 102/14 145/18 34/25 34/25 36/7 47/4 were: cryoprecipitate 59/7 59/14 60/19 147/11 148/7 150/17 148/7 18/8 18/11 18/14 19/4 66/17 72/19 75/4 60/19 68/11 71/2 151/3 151/6 155/10 WITN0892001 [6] 19/6 19/12 20/11 **[1]** 17/18 76/15 77/6 78/8 weren't [3] 29/23 77/15 93/5 96/21 157/9 30/12 33/12 77/8 21/23 22/12 23/24 116/14 116/17 123/2 while [7] 7/13 13/1 142/17 147/7 148/3 87/24 113/12 115/16 24/10 24/15 27/4 28/1 128/4 155/4 126/11 126/12 144/23 WITN0892004 [1] 89/3 28/6 36/5 40/22 41/1 what [99] 2/15 3/16 156/6 156/7 22/13 25/1 32/23 145/11 149/6 155/19 6/2 6/17 9/7 10/15 whereas [4] 35/6 83/22 132/17 WITN0892005 [1] 60/9 90/5 90/11 90/12 156/11 157/9 13/14 15/4 20/16 90/24 100/15 120/21 51/15 61/2 73/13 white [1] 12/4 95/14

(64) village - year

	1	<u> </u>		1	I
Υ	you like [1] 43/25				
<u> </u>	you'd [1] 126/24				
year [3] 153/25	you'll [8] 8/2 68/24				
158/2 158/5	95/17 118/23 139/12				
year's [1] 17/3					
years [24] 6/3 7/8	141/17 151/8 151/10				
8/13 10/3 14/20 20/23	you're [7] 1/20 1/22				
22/4 23/7 25/9 33/9	60/14 125/25 126/23				
i .	131/8 149/20				
47/16 54/18 82/21	you've [24] 3/13 6/19				
82/22 83/15 84/22	20/18 30/13 35/24				
86/13 90/15 90/17	36/16 39/3 39/14 60/4				
97/18 132/16 133/1	1				
146/7 148/1	61/5 74/18 78/16				
yes [138] 1/5 1/7 1/18	86/19 99/16 101/9				
2/9 4/8 5/8 6/24 6/24	101/25 102/17 104/10				
ł .	107/20 108/22 125/24				
7/4 7/19 7/19 7/22	141/13 155/22 157/10				
9/10 10/11 11/7 13/17	young [3] 11/19				
17/22 18/12 18/12	108/17 108/19				
20/18 21/17 23/18					
25/14 25/15 26/5	your [77] 1/14 1/25				
28/22 29/4 29/20 30/6	2/10 2/15 3/13 4/15				
30/6 30/12 32/22	6/7 6/19 10/8 17/9				
32/22 33/11 36/5	25/12 30/11 30/24				
	32/18 32/24 33/5 33/7				
37/23 38/17 39/6 39/6	33/12 35/24 36/20				
39/21 43/17 44/6 47/6	38/18 39/1 39/4 39/13				
56/24 59/12 60/25	39/18 40/14 45/21				
61/7 62/2 62/4 62/10	\$				
63/6 65/20 66/15 67/4	45/24 46/8 58/7 59/9				
71/10 71/10 71/24	62/12 70/24 72/13				
73/6 74/3 74/24 78/10	74/17 74/17 75/10				
78/10 78/18 78/20	76/19 77/7 77/10				
i .	78/10 79/23 80/18				
78/20 79/17 83/3 85/6	82/11 86/5 86/7 86/19				
85/6 86/22 87/18	86/23 87/24 99/16				
87/19 87/20 91/11	99/21 102/17 104/10				
91/19 97/6 98/25	i .				
98/25 98/25 99/5	107/20 107/20 108/22				
103/4 103/4 103/4	108/25 111/14 113/11				
103/5 103/10 109/25	114/21 115/15 117/21				
1	120/1 125/18 125/18				
110/2 110/25 111/12	126/20 135/9 142/4				
114/5 114/5 114/8	150/25 150/25 151/23				
114/9 114/17 114/25	151/25 152/23 153/9				
116/9 116/9 116/10	157/7 157/14 157/16				
117/14 117/14 121/12					
121/12 121/14 121/19	yourself [4] 31/11				
121/19 121/19 121/19	46/25 53/25 114/4				
121/19 122/7 123/21	Z				
125/9 126/21 126/21					
l .	zoom [2] 68/24				
127/8 131/8 131/11	102/22				
131/15 131/22 131/24					
136/19 136/22 137/2					
137/8 137/8 137/15					
140/12 150/12 150/13					
150/15 152/25 152/25					
154/3 155/12 155/14					
l .					
155/24 156/6 157/23					
158/4					
yet [4] 43/23 56/20					
56/22 119/13					
yield [1] 52/5					
YMCA [1] 16/22					
you [391]					
you go [1] 59/2					
Jou 80 [1] 00/2					
		L			(65) year zoom