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persuaded to remain for a couple of days a week as

himself in some of the documentation that we see

at the end of April 1990, and we were certainly told

September 1990, there was no director -- there had

wasn't sure how long. But it looks like that period

covered a region which included Hampshire, the

tell us that it served a population of about

1980s to 2.3 million in 1987 and, by 1989, it

suggested that a better estimate was 2.8 million.

We can have a look at a very simplified picture of the

area that it covers. This document is the agenda and

then the minutes of a meeting of the Blood Transfusion 2

Again, moving down we see Dr O'Brien from

If we turn over the page we can see under

attendees, we see Dr Smith from Wessex and then at the

absence and we see the name there of Dr Chisholm who

Portsmouth, again served by the Wessex Regional

"Regional Blood Transfusion Centre Directors"

bottom -- near the bottom, we see apologies for

is from Southampton, again one of the Haemophilia

Centres served by the Wessex Transfusion Centre.

to hospitals in Newport, Dorchester, Salisbury and

Dr Smith felt confident that the patients were well

cared for at these hospitals. Dr Smith said that he

would ask at the next Regional Haematology meeting to

Then the view is expressed by Dr Rainsford and

"... it was not generally desirable for patients

4

see if the centres should be listed and designated as

Winchester. These are not Haemophilia Centres but

document, we see recorded a discussion and a contribution from Dr Smith at the top of that page:

Then, sir, if we turn over to page 8 of this

"Dr Smith said that he supplied cryoprecipitate

Isle of Wight, Dorset and part of Wiltshire. By 1984

we see from the documents that it served 11 district

2.14 million in 1980 and that was rising through the

In terms of population, again, the documents

If we can have, Sully, a document, CBLA0000391.

by Dr Boulton that, by the time he arrived in

been no director in place for a little while. He

was May to September 1990.

blood banks.

the transfusion centre.

Transfusion Centre.

towards -- in 1989.

a locum medical manager and that is how he describes

Then it looks as though he stepped away entirely

The Centre itself is based in Southampton and it

1	Tuesday, 8 February 2022
2	(10.00 am)
3	Presentation by COUNSEL TO THE INQUIRY about THE WESSEX
4	REGIONAL BLOOD TRANSFUSION CENTRE
5	SIR BRIAN LANGSTAFF: Good morning, Ms Scott.
6	MS SCOTT: Good morning, sir.
7	SIR BRIAN LANGSTAFF: It's good to see you here in person.
8	MS SCOTT: Thank you, sir. It's very nice to be back.
9	SIR BRIAN LANGSTAFF: Yes?
10	MS SCOTT: This morning, sir, I am going to be giving
11	a presentation on the Wessex Regional Transfusion
12	Centre, from the date that it was established in 1970
13	until the time when Dr Frank Boulton took over as the
14 15	director in September 1990.
15 16	You will recall, sir, that we heard evidence
17	from Dr Boulton last week about what happened in the Centre from the time that he arrived in
18	September 1990.
19	The first director of the Wessex Centre was
20	Dr Donald Smith and he took the directorship from the
21	establishment of the Centre in 1970 until stepping
22	down in around, Dr Boulton thought, around 1988 or
23	1989, we didn't have a precise date for that. What
24	Dr Boulton told us and what we see reflected in the
25	documents is that, having stepped down, Dr Smith was
	1
1	Centre Directors, regional scientific advisers and
2	Haemophilia Centre Directors for the supra-regional
3	territory for which Oxford Haemophilia Centre had
4	responsibility and it's from a meeting that took place
5	on 26 July 1976.
6	We're looking here at the agenda but if we could
7	turn, please, to page 3 of this document. We can see
8	a map, and if we look down at the bottom there we can
9	see that the Wessex RHA is depicted there and, we know
10	from the documents, that the RHA and the Regional
11	Transfusion Centre were not identical but that's the
12	area we're, more or less, looking at; the transfusion
13	centre did not cover the whole of the Regional Health
14	Authority.
15	If we then turn over, please, to page 5 we get
16	a little bit of information about who was attending
17 18	this meeting and we can see, as we look down the list
18	of attendees, that we've got an attendee from the Treloar Haemophilia Centre, so that was one of the
19 20	Haemophilia Centres served by the Wessex Transfusion
20	Centre, Dr Kirk, and we've also got there
22	Dr Rainsford.
23	Then moving down the list, we can see there
24	Dr Stern, from the Department of Pathology in

- 24 Dr Stern, from the Department of Pathology in
- 25 Bournemouth, again another hospital and area served by 3

Dr Scott that:

Associate Haemophilia Centres."

(1) Pages 1 - 4

	I he Infe
1	to be treated at hospitals which were not haemophilia
2	centres."
3	SIR BRIAN LANGSTAFF: Just on that, if we go back to the
4	cast list on the page 5
5	MS SCOTT: Page 5.
6	SIR BRIAN LANGSTAFF: whereas Dr Kirk is shown as being
7	at the Treloar Haemophilia Centre, the address given
8	for Rainsford, who makes the point that you should
9	only be treated at a centre, is shown as coming from
10	Lord Mayor Treloar College. So he appears to give his
11	address as the college not the centre.
12	MS SCOTT: Yes.
13	SIR BRIAN LANGSTAFF: It just I don't know if anything
14	turns on that point; it's one I will consider in due
15	course, perhaps.
16	MS SCOTT: Yes.
17	SIR BRIAN LANGSTAFF: Thank you.
18	MS SCOTT: Then if we turn to another document to give us
19	a snapshot in terms of what was happening at the
20	Centre in 1980, it's NHBT0110056. This is the annual
21	report of the Wessex Transfusion Service for 1980, and
22	we can see in the "Introduction" it says:
23	"This Service was set up by the Wessex Regional
24	Hospital Board in 1970. The Region had previously
25	received its blood supplies from the Bristol and
	5
1	"The increase in blood collection and handling
2	has exerted considerable pressure on the space
3	available in the Transfusion Centre. Two small
4	extensions have been carried out, one to the Bleed
5	Suite, the other to a prefabricated Class I Clean
6	Room."
7	And we'll see reference to that in some of the
8	documents we look at later.
9	And:
10	"A further two-storey extension is planned for
11	1981/82."
12	Then if we go down to the last paragraph, we can
13	see that it's said that:
14	"The amount of Factor VIII ahf which is provided
15	by the Blood Products Laboratory is insufficient to

umq	ully o rebluary 20
	[South] London Transfusion Services. Some 55,825 donations were collected, processed and distributed in the first full year.
	"At the re-organisation of the NHS in 1974, it was decided that the Bath and Swindon Health Districts would continue to be serviced by Bristol and Oxford
	Transfusion Centres: the distances involved made this
	a logical decision. This, of course, means that the
	Wessex Transfusion Service is serving approximately 2.14 million of Wessex's 2.74 million population."
	Then the next paragraph, the second half of that paragraph:
	"As will be seen in the body of this report, the
	total number of donations collected in 1980 was 86,926
	with the plasma from about 38,000 going to Factor VIII
	and Plasma Protein Fraction production.
	"In 1974 the service changed from bottles to collection of donations into plastic packs."
	Then if we go down to the bottom of this page,
	in the last paragraph, halfway through that paragraph we see that a mobile centre was commissioned and had
	its first session on Monday, 1 September 1980. If we go over the page then, please, we get told
	a little bit about the buildings, and so on. First paragraph:
	6 6
	director, and we will see quite a lot of
	correspondence from him later on; then we've got
	Mr Allison, senior chief MLSO; and Mr Duddridge,
	regional donor organisation; with Mr Grundy as administrator.
	We know from other documents that by 1984, the
	Centre were holding 18 sessions a week and collecting 99,000 donations per year and ,for the transcript, the reference for that is NHBT0010821_009. Don't need to
	an to that

10	an to that
10	go to that.
11	And we also know that by 1987 there was
12	a plasmapheresis panel and there seemed to be
13	a preference at the Wessex Centre for manual pheresis
14	rather than automatic.
15	Turning then to high-risk donors and again we
16	don't need to go to this, but I'll read this for the
17	transcript there is a reference in an
18	executive committee meeting note for
19	The Haemophilia Society of 9 December 1971, which for
20	the transcript is HSOC0029691_142, and the note says
21	this:
22	"Dr Smith has been very pleased at the interest
23	shown in what he was doing."
24	And you will recall we'll see of course, sir,
25	that this is a year after the Centre has opened, and

of the senior staff team. We've got: Dr Smith,

meet the Regional needs. The reason for this is the

at Alton. Consequently, some 3.1 million units of

financial year. It is hoped that our plans for

reductions in this."

existence of the Lord Mayor Treloar Haemophilia Centre

commercial ahf will have been purchased in the current

expanding our plasma collection will make significant

Then we can see at the bottom some of the names

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DHSC0100020 045.

were normal.

donor's address.

collection sessions."

So this is a letter from 9 May 1972 to "Dear

"This donor attended one of our blood collection

Dr", and we can see it's from Dr Smith, and it's about

sessions at Camp Hill Prison on the Isle of Wight.

Our routine tests showed that he had a positive HAA

test and this was confirmed by the Portsmouth Public

to the Governor of the Prison and the Prison Medical

Officer who decided that for medical reasons

(personality difficulties) it would be inadvisable to

let Mr [X] know these results. Liver function tests

been in touch with me to say he will be going under the care of the probation officer, Borough High

Street, London, SE1. I regret that we do not know the

so you will be warned if he attends one of your blood

So it looks, sir, from this that this is

prisons in total numbers, it's just over 4,000, which,

again, multiply by 10, and you get to 40,000. So it's

ten times as likely, on the basis of this, very rough,

or in prisons compared to the public.

MS SCOTT: Yes. Yes, quite.

clear.

be put up.

Meeting 13.9.83":

to find someone who is antigen positive in the forces

SIR BRIAN LANGSTAFF: I mean, it's only a snapshot and

MS SCOTT: Sir, just noting the date there, 28 June 1972, and the suggestion that it looks like they'll lose

their prison population of donors eventually, if we

opening. I don't know whether it's worth pursuing

that or whether the best thing to do is to come back.

MS SCOTT: I'm being told if we can wait 30 seconds it can

SIR BRIAN LANGSTAFF: Right. Let's wait. Thank you. MS SCOTT: So, we can see here, "East of Scotland Blood

Transfusion Service ... Scottish Transfusion Directors

"Telephoned survey of England and Wales

NHBT0008628 001. Ah, that document doesn't seem to be

then look at a document for September 1983,

SIR BRIAN LANGSTAFF: Well, yes.

it's not rigorously statistical, but that's pretty

a letter that Dr Smith is sending out -- well, it's 10

"I thought I would let you have this information

Health Laboratory. These facts were then communicated

"I asked the Prison Medical Officer to let me

know when this man would be discharged and he has now

a particular patient -- or donor, I should say.

1	he goes on to say:
2	"The crews of many ships are volunteering as
3	blood donors."
4	Now it is not clear whether those are naval
5	ships or other kinds of ships but there is reference
6	in this document which I think is worth going to,
7	NHBT0108948.
8	So there is reference in this document we're
9	just about to look at to naval donors, and we can see
10	here it's a it looks likely an internal note from
11	Dr Smith dated 27 June 1974, and he says:
12	"Please could you ask the team clerks,
13	particularly at Naval sessions, to enquire if there is
14	any history of jaundice even if the donor has
15	previously donated. Anyone with a history of jaundice
16	will not be accepted but I will always write to them
17	and explain that they can go on our research panel."
18	So this document suggests that there were
19	certainly naval sessions and we'll see some
20	correspondence in due course between the Centre and
21	a naval hospital. And I will come back to the
22	question of the donor selection and criteria in
23	relation to those who have had a history of jaundice.
24	We can also see from documents that there were
25	collections from prisons. Could we have, please,
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	ő
1	not clear whether it's to one or more than one
1	not clear whether it's to one or more than one
2	transfusion centres to warn them that this donor may
2 3	transfusion centres to warn them that this donor may attend a session, not knowing that he has tested
2 3 4	transfusion centres to warn them that this donor may attend a session, not knowing that he has tested positive for hepatitis B. Hepatitis B, or Hepatitis
2 3 4 5	transfusion centres to warn them that this donor may attend a session, not knowing that he has tested positive for hepatitis B. Hepatitis B, or Hepatitis Australia antigen.
2 3 4 5 6	transfusion centres to warn them that this donor may attend a session, not knowing that he has tested positive for hepatitis B. Hepatitis B, or Hepatitis Australia antigen. Can we then look at NHBT0108717_001.
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Transfusion Centres regarding use of prisons as

(3) Pages 9 - 12

8 February 2022

1	a source of donor blood."			
2	If we look down, the fourth Centre down is			
3	Wessex and they say:			
4	"It is several years since they stopped using			
5	the Isle of Wight prisons because.			
6	"1) of increasing medical problems among			
7	prisoners, particularly related to drugs;			
8	"2) the prisons cancelled sessions at 2-3 hours			
9	notice because of prison riots, demonstrations, etc.			
10	"At present, they use Winchester prison,			
11	a short-stay prison for non-violent prisoners, once			
12	a year, but plan to withdraw this session in the near			
13	future."			
14	So it seems from this that there were still some			
15	sessions being undertaken as of September 1983, albeit			
16	plan to withdraw those in the near future, whatever			
17	that means.			
18	SIR BRIAN LANGSTAFF: What's the date of this, did you			
19	say?			
20	MS SCOTT: September 1983.			
21	SIR BRIAN LANGSTAFF: Thank you.			
22	MS SCOTT: I'm now going to turn to a handful of documents			
23	to look at the issues that arose in Wessex for			
24	provision of plasma for fractionation. We know that			
25	in 1980, and we've seen documents relating to this in			
	13			

The second second

1	Then it sets out what it was discussed at that
2	meeting in terms of an agreement was reached about
3	sending more packs each week to PFL in Oxford.
4	Then, if we turn over the page, we can see at
5	the second paragraph down there:
6	A meeting was arranged and held at Oxford on
7	the 14th March, 1980. Those present were Dr Lane,
8	Dr Bidwell, Dr J Smith, Mr B Grundy, Administrative
9	Officer, Wessex Mr Allison, Senior Chief MLSO, and
10	myself, and we were told that Oxford were unable to
11	increase their handling of plasma to 600 per week
12	[which is what Dr Smith thought had been agreed at the
13	previous meeting] and that they were not entirely
14	happy to process 500. Dr Lane stated that even if we
15	increased our plasma supply to BPL in 5 litre pools,
16	there could be no pro rata increase of Factor VIII,
17	but in due course we would receive some PPF back.
18	"We had no alternative, therefore, but to cancel
19	our arrangements about collecting more donations, for
20	the revenue expenditure would have been about £170,000
21	with no Factor VIII return on the investment.
22	Subsequent to the above meeting I wrote to Dr Lane and
23	received a reply which confirmed our understanding of
24	the points made above."
25	Then he goes on to say:
	45

1 previous hearings, that Wessex were providing plasma 2 to PFL in Oxford for fractionation. There are 3 a series of meetings and correspondence that takes 4 place between PFL, BPL and Wessex as to whether and, 5 if so, how Wessex can increase their supplier of 6 plasma in return for more Factor VIII. 7 If we can pick this up at CBLA0001198. This is 8 a letter dated 6 November 1980 to Dr Edith Bidwell and 9 it's from Dr Smith. It sets out the history of this 10 matter, and he says -- this the second paragraph down: 11 "Earlier discussions with Dr Lane and Dr Gunson, 12 former Director of Oxford BTC, had been concerned 13 with: 14 "Our desire to send more fresh plasma for 15 fractionation to Factor VIII and Plasma Protein 16 Fraction to help with the supply of Factor VIII to 17 Alton [of course, that's the Lord Mayor Treloar's]. 18 "Our 'sterile' room being at capacity ... 19 "Our wish to send single transfer packs of FFP. 20 "Our intent to have a Class 1 clean room ... 21 "After these preliminary talks and exchange of 22 letters a meeting was held at Southampton and the 23 statements below are extracted from the notes prepared 24 by Dr Bidwell. The date of the meeting was ... 25 25th June, 1979."

#### 14

1 "As soon as the fractionation plants are able to 2 receive extra FFP, even in 5 litre packs, we will plan 3 again to increase our donor intake. This has always 4 been made perfectly clear. We now have a Class 1 5 clean room in operation, but naturally, like everyone 6 else, we would like to send single transfer packs." 7 So that was the position as at 14 March 1980. 8 Now, this state of affairs, ie Wessex wanting to 9 send more plasma for fractionation, either to PFL or 10 to BPL, was the subject of a letter that Dr Aronstam 11 published in the BMJ, and if we can have a look at 12 that it's RLIT0000667. It's dated 20 September 1980 13 and the letter is on the right-hand column, halfway 14 down that page. 15 He's responding to some comments made by Dr Cash, if we could go up a little bit. It's not 16 17 terribly good, yes, it's "Factor VIII supply and 18 demand". "Sir". He sets out that he failed -- the 19 reason he: 20 "... failed to mention the availability of 21 plasma for fractionation as an important aspect of the 22 problem of national self-sufficiency in blood products 23 [was because the] Wessex Regional Transfusion [Centre] 24 has recently offered to increase the supply of plasma 25 to the Lister blood products laboratory, only to be

1	told that there was not the capacity to handle the	1	recalls the events from his perspective prior to this
2	extra plasma.	2	letter being written.
3	"I think it most important that"	3	She goes on to say this:
4	I can't now read that.	4	"The Plasma Fractionation Laboratory, Oxford,
5	SIR BRIAN LANGSTAFF: " the repetitive cry"	5	had begun to take plasma in single donations from the
6	MS SCOTT: Thank you:	6	Oxford RTC in an effort to boost plasma intake from
7	" the repetitive cry for increased plasma	7	Oxford, in spite of the fact that the only method
8	does not obscure the very real need for adequate	8	known to us of opening the present packs (developed at
9	fractionation potential in England today."	9	the New York Blood Center) had serious drawbacks, not
10	Now, that letter prompted a rebuttal from	10	least the exposure of staff to most unpleasant working
11	Dr Bidwell which we see at CBLA0001193. So she, in	11	conditions (handling packs immediately after immersion
12	response to that, wrote a letter to Dr Aronstam, dated	12	in liquid nitrogen). This method is difficult enough
13	29 October 1980, referring, in that first paragraph,	13	on the relatively small scale of our operation at
14	to the letter we've just looked at. She puts a rather	14	Oxford and would be quite impractical on the scale of
15	different has a rather different interpretation of	15	operation at BPL, Elstree."
16	events. She says this:	16	Now, sir, my understanding of this is what she's
17	"The situation is that Wessex was unable to	17	referring to there as the 1 litre packs but it's not
18	increase the provision of plasma to Blood Products	18	entirely clear:
19	Laboratory in the agreed form, namely 5 [litre] packs,	19	"Pending the ability of Oxford RTC to supply
20	in conformity with all the other Regional Transfusion	20	plasma up to the limit of the capacity of the Plasma
21	Centres."	21	Fractionation Laboratory, I had the support of my
22	So that's slightly different from how Dr Smith	22	staff in volunteering to accept sufficient single
23	was expressing himself in the letter he wrote to her.	23	donations from Wessex to absorb our 'spare' capacity.
24	The letter Dr Smith wrote to her is	24	This offer was made in the light of the long
25	November 1980, so it is dated after this letter but it	25	association between Oxford and Lord Mayor Treloar
	17		18
1	College, and our appreciation of the special	1	than that reflected by Dr Smith in his letter we
2	difficulties its situation causes the Wessex region	2	looked at.
3	not dissimilar to the special difficulties in Oxford.	3	SIR BRIAN LANGSTAFF: Can I just draw a breath there for
4	"Our limited ability to open single packs was	4	a moment. I'm a little puzzled by the dates, because
5	made clear to Dr Smith from the beginning.	5	you began this plasma for fractionation by taking me
6	Nevertheless, as soon as we started to accept the	6	to CBLA0001198 can we just have that back up
7	single donations from Wessex, Dr Smith ceased to send	7	again and the date of that is 6 November 1980.
8	any 5I packs to BPL, Elstree, and put the whole burden	8	MS SCOTT: Yes, yes.
9	of fractionation of his plasma production for factor	9	SIR BRIAN LANGSTAFF: So if we all the documents you've
10	VIII concentrate on to this small laboratory at	10	shown me since came before that.
11	Oxford. It was hardly surprising that he rapidly	11	MS SCOTT: They do. So this document
12	out-stripped the small amount of spare capacity we had	12	SIR BRIAN LANGSTAFF: So this is the last word, is it, for
13	offered. Moreover, despite an initial undertaking to	13	the moment?
14	supply plasma from blood collected into CPD	14	MS SCOTT: Well, this is the last word and the reason
15	anti-coagulant, he switched to ACD, which gives	15	I took you to it first is because it sets out two
16	a lower yield for the same amount of work from our	16	earlier meetings. It's the only record that I've
17	staff. It was because he was offering plasma in	17	found of those two earlier meetings. So
18	a non-standard form, that he was told there was not	18	SIR BRIAN LANGSTAFF:   see.
19	the capacity to handle the extra plasma."	19	MS SCOTT: it sets out the meeting sets out earlier
20	Sir, on that point there, of the lower yield	20	discussions, and then a meeting on 25 June 1979.
21	using the anti-coagulant ACD rather than CPD, we don't	21	SIR BRIAN LANGSTAFF: If we just scroll down we can see
22	need to look at this but there is a document authored	22	that, perhaps.
23	by Dr Jim Smith, CBLA0012012, which says, in his view,	23	MS SCOTT: We can see that halfway down, after (4), so:
24	that the loss of yield is 15 per cent. So Dr Bidwell	24	"After these preliminary talks and exchange of
25	there putting a rather different slant on this issue	25	letters a meeting was held at Southampton"

19

(5) Pages 17 - 20

1	And that's 25 June 1979.			
2	SIR BRIAN LANGSTAFF:   see.			
3	<b>MS SCOTT</b> : Then if we go over the page to page 2, we can			
4	then see, the second paragraph down there:			
5	"A meeting was arranged and held at Oxford on			
6	the 14th March, 1980"			
7	And then so that was the reason, sir, that I			
8	took you to that, to the			
9	SIR BRIAN LANGSTAFF: Right, so the dates in date order			
10	was 14 March 1980 is really where this particular			
11	exchange kicked off?			
12	MS SCOTT: Exactly.			
13	SIR BRIAN LANGSTAFF: Because that was interpreted, as it			
14	appears to be stated here, as saying: You can give us			
15	all you like but we can't cope with it.			
16	With and some issue between the 5-litre pools			
17	and the 1-litre, but saying here, clearly, that: It			
18	doesn't matter if it's 5-litre or 1 litre, we can't			
19	cope with it.			
20	MS SCOTT: Yes.			
21	SIR BRIAN LANGSTAFF: And the correspondence then			
22	followed			
23	MS SCOTT: Indeed.			
24	SIR BRIAN LANGSTAFF: arguing about aspects of that.			
25	MS SCOTT: Indeed.			
	04			

21

1	have, again, another snapshot of what's going on in
2	Wessex in 1988.
3	So we've got the date at the top there,
4	20 October '88. This is an internal memo from
5	Dr Smith to: Dr Herborn, who we know from Dr Boulton's
6	evidence was one of the consultant haematologists at
7	the Centre; Dr Allison, who was the MLSO; and then
8	Dr J Smith from BPL.
9	"The Use and Supply of Factor VIII"
10	And then it says there:
11	"An estimate of the clinical use of
12	Factor VIII."
13	And then if we go down the page there, we can
14	see a number of different Haemophilia Centres are set
15	out there and, while it says it's an estimate at the
16	top there, if one looks at the "NHS Factor 8Y
17	[international units/per month]" has a star by it, as
18	does "Commercial Factor VIII iu/month", has two stars
19	by it, and if we look down the page we can see that
20	that appears to be, rather than an estimate, a sample
21	from the actual figures, January to September '88,
22	calculated as eight months, and sample from first six
23	months of 1987/88.
24	It's not entirely clear to me what "sample"
25	means, because of the date of this document is
	23

21

22

23

24

25

1	SIR BRIAN LANGSTAFF: I follow. Thank you for that.				
2	MS SCOTT: Sir, the matter resolves itself after				
3	1 April 1982, once the pro rata arrangements were				
4	introduced, and Wessex was able to send continued				
5	to send single donations to PFL, and received an				
6	assurance from BPL that if they sent plasma in 5-litre				
7	packs, factor concentrates would be returned on				
8	a pro rata basis. And we have we don't need to go				
9	to that, but that's set out and confirmed in				
10	correspondence between Dr Smith and Dr Lane, for				
11	example, in a letter dated 13 March 1982. For the				
12	transcript, BPLL0000901_001.				
13 14	Then shortly after that, arrangements appear to				
14 15	have changed again, when Wessex stop sending plasma				
16	altogether to PFL, instead sending all their plasma to BPL.				
10	And sir, we know from other material, and again				
18	we've looked at this some of this other material in				
19	other hearings, that the pro rata system was not				
20	applied strictly to Wessex because of the				
21	responsibility that it had for supplying the Lord				
22	Mayor Treloar school. So a special allocation was				
23	made to Wessex to account for this on top of what it				
24	received under the pro rata system.				
25	Sir, if we then turn to NHBT0111301, we can				
	22				
1	October 1988, presumably they had the actual figures.				
2	But it doesn't also seem to correlate with how one				
3	might describe an estimate.				
4	Anyway, I think the point to take from this				
5	page, if we go back up, so we can see all of the				
6	different Haemophilia Centres, that the Lord Mayor				
7	Treloar school is by far the biggest user of				
8	Factor VIII, both in terms of NHS Factor VIII and in				
9	terms of commercial.				
10	Then if we go down to the bottom of that page,				
11	we can see that the:				
12	"BPL estimate we should receive the following				
13	amount of Factor 8Y"				
14	And it's split in the months October '88 to				
15	March '99 between the Wessex RTC and Lord Mayor				
16	Treloar's, Wessex RTC getting the bulk of it,				
17	Lord Mayor Treloar's getting some of it.				
18	So clearly quite a lot of Wessex's material				
19 20	would be going to Lord Mayor Treloar's in 1988.				
20	Then if we turn over the page, we get some				

Then if we turn over the page, we get some information about the policy: "The aim would be, in the first instance, to wipe out the Commercial Factor VIII budget for all

hospitals except Lord Mayor Treloar. If supplies of

Factor 8Y increased further, the LMT budget could then 24 (6) Pages 21

8 February 2022

1	be reduced."
2	So we can see that the policy is: Lord Mayor
3	Treloar's to remain on commercial longer than the
4	other Haemophilia Centres. That's somewhat different
5	from other policies we've seen where often children
6	are given precedence for NHS factor concentrates.
7	Here we have the opposite.
8	"If there is no further increase in demand for
9	Factor VIII, we should be self-sufficient by
10	December, 1988!"
11	Then it sets out what the stock is at present.
12	Moving on, then, to the arrangements for
13	distribution of concentrates, we know from the
14	documentation we've seen that prior to December 1976
15	BPL were sending concentrates directly to the
16	Haemophilia Centres in the Wessex area. But from
17	December, this was sent to the Wessex Regional
18	Transfusion Centre. That was the plan. And we don't
19	need to look at this but we can see this, for the
20	transcript, from CBLA0004553, although of course the
21	document that we've just seen from 1988 makes it clear
22	that still some product was being sent directly to
23	Lord Mayor Treloar's in 1988.
24	If we look at CBLA0001456, we can see a little
25	bit more about this is.
	25

1	have a bit more information in relation to that if we
2	look at OXUH0003752_005. No, that I don't think is
3	the right No, I didn't mean to take that one up.
4	Sorry, can we try this one, IPSN0000331_008.
5	So we can see here this is a meeting in 1978, so
6	it pre-dates the document we've just looked at by
7	a few years, but and it's the note of a meeting
8	with Dr Aronstam by a salesperson, a sales
9	representative from Hyatt, and what it says in the
10	second paragraph is this:
11	"All orders for the Wessex area are processed
12	through the buying office in Winchester"
13	SIR BRIAN LANGSTAFF: Just pause. I was told, I think,
14	during the Treloar's presentation, that this was
15	a Speywood
16	MS SCOTT: Ah.
17	SIR BRIAN LANGSTAFF: rep.
18	MS SCOTT: Can we go to the bottom of the
19	SIR BRIAN LANGSTAFF: The initials "DW" may, I think,
20	appear at the bottom, which would tend to confirm
21	that. Can we have a look?
22	MS SCOTT: Yes, the initials are "DRW".
23	SIR BRIAN LANGSTAFF: Yes, that's the chief exec of
24	Speywood.
25	MS SCOTT: I beg your pardon, sir. Yes. So yes,
	07

1	So this is a document from the advisory
2	committee on the NBTS, "Issue of Factor VIII via
3	RTCs", and we can see at the top right-hand corner "AC
4	[advisory committee] (81)", that's 1981, as we
5	understand it, and then it's said to be:
6	"A summary of information received from Regional
7	Transfusion Directors.Centres"
8	Sir, we've looked at this in previous hearings.
9	If we turn over to page 2, we can see the title
10	there, "Issue of Factor VIII via RTCs - Summary
11	information received from Regional Transfusion Centre
12	Directors", and the regions set down on the left-hand
13	column. "Transfusion Centre holds Factor VIII" is the
14	first column, then "Other products", then "Whose
15	budget", then "Comments".
16	If we go over to page 3 we can see what's said
17	about Wessex. So under the column "Transfusion Centre
18	holds Factor VIII", yes. "Other products", no.
19	"Whose budget", RHA (Separate from RTCs)".
20	And "Comments":
21	"Encounter difficulties in coping with
22	Haemophilia Centres Directors' individual preferences
23	for particular brands of Factor VIII and getting
24	Haemophilia Centres to operate within their budgets."
25	And the what precisely that means, we may
	26
1	"DRW", and CC'd to Mr D Heath. Yes.

1	"DRW", and CC'd to Mr D Heath. Yes.
2	SIR BRIAN LANGSTAFF: Yes.
3	MS SCOTT: I think the thank you.
4	So if we look at the second paragraph there, we
5	can see, second paragraph from the top:
6	"All orders for the Wessex area are processed
7	through the buying office in Winchester, but Aronstam
8	makes the decisions, as he is by far the biggest user.
9	His first requirement is convenience of
10	administration, since they often have 15 infusions to
11	give at a time. The six months study of all
12	commercial concentrates last year showed Hemofil and
13	Factorate to be better than Koate in this respect. In
14	his opinion, solubility is slower with our product.
15	It's worth going back, if we can provide evidence to
16	the contrary."
17	So it may be that the reference in the table
18	that we just looked at to having difficulties with
19	Haemophilia Centre Directors let me just sorry,
20	sir, let me just get the precise wording for that.
21	We've lost the
22	SIR BRIAN LANGSTAFF: It's CBLA0001456, page 3.
23	MS SCOTT: Thank you, sir the precise wording of that
24	document, thank you.
25	SIR BRIAN LANGSTAFF: So CBLA0001456, page 3.
	28 (7) Pages 25 - 28

commercial F VIII. Initially he had ordered the

commercial F VIII on prescription directly from the

Commercial firms, but now he had to get it via his

how much he would need. He did not think that he

Regional Blood Transfusion Centre and budget ahead for

1	MS SCOTT: Yes, so encountering what's said in that
2	in page 3 of that document is that the Wessex Regional
3	Transfusion Centre appeared to be encountering:
4	" difficulties in coping with Haemophilia
5	Centres Directors' individual preferences for
6	particular brands of Factor VIII and getting
7	Haemophilia Centres to operate within their budgets."
8	It may be that that's a reference to
9	Dr Aronstam, and we will see we can see from
10	a document I'm just about to take you to that
11	Dr Aronstam does indeed express difficulties that
12	he is having difficulties in operating within his
13	budget.
14	So we can see, if we look at OXUH0003752_005
15	this is the document I went to earlier it's
16	a meeting from 19 June 1978, Haemophilia Centre
17	Directors, Regional Transfusion Directors in the
18	supraregion in Oxford, and we can see just second from
19	the bottom is Dr Smith attending.
20	But if we go, please, to page 4 of this, there's
21	a section which deals with supply of therapeutic
22	materials, and we can see here, second paragraph down
23	there:
24	"Dr Aronstam said that he was encountering
25	problems because of the change of policy over ordering
	29
1	50 severely affected haemophilic boys residing there.
2	"During 1973 this Centre used [900] units of
3	Factor VIII approximately [650] units as
4	Cryoprecipitate, 50,000 units as Fresh Frozen Plasma
5	and 200,000 units as Human and Animal
6	Concentrate."
7	SIR BRIAN LANGSTAFF: I think just for the sake of the
8	transcript, the "900" is 900,000, isn't it?
9	MS SCOTT: Sorry, yes.
10	SIR BRIAN LANGSTAFF: The "650" is 650,000.
11	The reason I mention it is because it's
12	comparing the 50,000 and 200,000 I think that you're
13	going to take us to.
14 45	MS SCOTT: Yes.
15	"Our official supply from the Wessex Regional
16	Transfusion Centre at Southampton is the equivalent of
17 10	10,000 bags of Cryoprecipitate or 182 bags per week
18 10	throughout the year. I have been repeatedly told by
19 20	Dr Smith that this is the absolute maximum production he is able to make available for me."
20 21	
21	And then Dr Aronstam goes on to explain what he needs to do in order to find the excess material
22	that he needs. He says in the next paragraph down:
23 24	"I have had to obtain these extra materials from
24	a variety of sources often at very short notice and at
20	a variety of sources often at very short houce and at
	01

would be able to manage within his budget."
And Dr Smith is then recorded as saying:
" he did not think that there was any problem
in the Wessex Region apart from the one at Alton"
Next page:
" which was a special case because of the
•
large number of haemophilic boys at the College. He
was awaiting the DHSS's reply to a request for
official recognition of the special situation at
Alton."
And just sticking, then, with the supply to
Treloar's, but going back to 1974 and seeing how the
situation changed, if we could go, please, to
OXUH0000652, we can see a letter 30 April 1974 to the
Department of Health and Social Security. We don't
need to look at it but we will see that when we go
to page 2, that it's from Dr Aronstam, and it says
this on page 1, it sets out on page 1 the background
to Lord Mayor Treloar's, and notes that if you go
to page 1 notes in that first paragraph there are
30
great difficulty to both myself and the sources
great difficulty to both myself and the sources.
I have had to beg for materials from other transfusion
centres"
And at the bottom of the paragraph:
"I have had to, when all else has failed, buy
off the commercial market and have spent about £1,000
in the past year.
"This situation is quite impossible. We are
never able to plan ahead and there is always the
danger that our sources, entirely unofficial, will dry
up leaving our large pool of haemophiliac boys without
any reserve therapeutic materials for emergencies."
Then over the page he says that he has:
" calculated that, on the commercial market,
our shortfall of Factor VIII would cost £26,000
annually."
And that it's "imperative that our supplies are
guaranteed" because they're "looking after boys from
all over the country" and it should be regarded as
a "national service".
So that was what Dr Aronstam was telling the
DHSS in 1974.
If we then go on to 1978, to CBLA0000745, you
can see a letter written from Dr Aronstam to
Dr Stafford, a consultant haematologist at Plymouth
32 (8) Pages 29 - 32
(6) mades /9 - 3/

(8) Pages 29 - 32

1	General Hospital, 14 March 1978, and he says this in	1	a Dr Roads, and he says this sorry, from Dr Smith
2	the second paragraph:	2	to Dr Roads, and Dr Smith says this:
3	"Your comments about the therapy which [X]	3	"I am pleased that you will be able to help us
4	enjoyed whilst he was with us provided much food for	4	about cases who may be blood donors. Towards the end
5	thought. You may be interested to hear that we now	5	of this year we hope to start testing all our donors
6	use prophylaxis routinely in many clinical situations,	6	for the presence of Hepatitis Associated Antigen, and
7	and we feel it can be of positive benefit when some of	7	we may well be able to discontinue the request"
8	our boys are going through difficult patches.	8	Sorry:
9	"We are obviously more fortunate than you in	9	"I am pleased that you will be able to help us
10	that the Wessex Region is supplying us with all the	10	about cases who may be blood donors. Towards the end
11	material we need for our admittedly enthusiastic	11	of this year we hope to start testing all our donors
12	program. The climate with regard to prophylaxis	12	for the presence of Hepatitis Associated Antigen, and
13	appears to be changing and I do hope the wind of	13	we may well be able to discontinue the request that we
14	change blows your way fairly soon."	14	have made to you."
15	So we can see within that four-year period	15	And what I understand from the documents that
16	Dr Aronstam's view that the supply problems he's	16	this refers to, is the request made by Wessex for
17	experienced in 1974 appear to be have sorted	17	those that are investigating cases of notified
18	themselves even for what he describes as his	18	infectious hepatitis to make enquiries as to whether
19	admittedly enthusiastic programme of prophylaxis.	19	or not they are blood donors, or indeed any of those
20	Sir, moving on, then, to the material that we	20	that have been in close contact with them are blood
21	have in relation to donor selection, with respect to	21	donors, and then passing that information on to Wessex
22	hepatitis, we can see from NHBT0108678, that there is	22	Regional Transfusion Centre.
23	communication and correspondence between the Wessex	23	We have examples of notifications being made by
24	Centre and the Department of Public Health at the city	24	the County Medical Officer of Hampshire, so not just
25	of Portsmouth. So this is a letter 25 May 1971 from	25	the city of Portsmouth Department of Public Health but
	33		34
	00		04
1	the County Medical Officer of Hampshire, and we don't	1	drivers/haemoglobinists and to medical staff, and it's
2	need to go to those but, for the transcript, one such	2	dated 21 January 1977.
3	example is NHBT0108548.	3	If we go then back, please, to page 5, he sets
4	Now we know from material that the Inquiry has	4	out the background that "We have been asked to
5	seen and indeed looked at in previous hearings that	5	change our procedure at blood collection sessions",
6	the recommendation a recommendation was made by	6	and refers to the circular that appends the second
7	the in the second report of the advisory group on	7	report of the Advisory Group:
8	testing for the presence of hepatitis B surface	8	" not to exclude from panels donors with
9	antigen and its antibody with respect to the	9	a history of jaundice, provided the donor has not
3 10	whether or not those with a history of hepatitis	9 10	suffered from hepatitis or jaundice during the
10	needed to be could in fact give remain on the	10	previous 12 months."
12	donor panel as long as they had not suffered a bout of	12	Then he sets out the background. He says this:
13	jaundice within the previous 12 months.	12	"Since 1963, as a precautionary measure, we have
13	We know from and again we don't need to go to	13	not taken donations from persons giving a history of
	this but we know from NHBT0109112 that Dr Smith was		
15 16		15	jaundice or hepatitis (other than a history of
16	notified about this recommendation by Dr Maycock on	16	neonatal jaundice or a history of obstructive
17 49	13 June 1975.	17	jaundice) or who have been in close contact with
18	Now, it seems that Dr Smith we have a memo	18	a case of hepatitis in the past 6 months."
19	from January 1977 from Dr Smith, which relates to	19	Then:
20	this, and that's NHBT0108668. Can we go to page 5,	20	"Due to the discovery of a sensitive test for
21	please, of this document.	21	Australia antigen and a better understanding of the
22	We have here Wessex RTC, "Donors with a History	22	[illness] we have been asked to change our rules.
23	of Jaundice", and if we go to page 7, the end of that	23	Both types of hepatitis can be transmitted by
24	memo, we can see it's from Dr Smith, it's distributed	24	transfusion, although Type A is usually spread by the
25	to all team leaders, team clerks,	25	faecal-oral route and Type B by injection of blood."
	35		36 (9) Pages 33 - 36

1	Then if we go over the page, halfway down that
2	page, he talks about "Type 'B' Serum Hepatitis", and
3	the incubation period. But if we pick it up at the
4	end of that paragraph, we can see:
5	"We find that in Wessex about 1 in 2,000 donors
6	have a positive test (Australia Antigen) with no
7	history of jaundice.
8	"Only about 2% of persons will give a history of
9	jaundice, and I would like to suggest that in the
10	first instance, after you have considered this matter
11	and if you are agreeable, that we should:
12	"1. Test for Australia antigen each prospective
13	donor who gives a history of jaundice or hepatitis
14	longer than twelve months ago. A 5 ml clotted sample
15	will be required and a 2.5 ml EDTA sample will be
16	taken at the same time to estimate the haemoglobin
17	level", and then a finger-prick test.
18	Then if we go over the page:
19	"If the Australia antigen test is negative and
20	the haemoglobin is satisfactory, the donor could then
21	be called to a later session."
22	So those with a history of jaundice, more than
23	12 months ago, will have the sample taken from them
24	and then if negative called back; those with a history
25	of jaundice within 12 months will be deferred.
20	•
	37
	De Demos in seletion to freek blood labels, and itte
1	Dr Barnes in relation to fresh blood labels, and it's
2	dated 13 December 1971, and it says this:
2 3	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA
2 3 4	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that
2 3 4 5	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any
2 3 4 5 6	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent
2 3 4 5 6 7	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to
2 3 4 5 6 7 8	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion
2 3 4 5 6 7	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using
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2 3 4 5 6 7 8 9 10 11 12	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using our present test." So it seems that an enquiry may have been made as to whether or not something should be put on the
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using our present test." So it seems that an enquiry may have been made as to whether or not something should be put on the fresh blood to suggest that it had been tested for HAA, and Dr Smith is saying, no, because the tests are not terribly effective.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using our present test." So it seems that an enquiry may have been made as to whether or not something should be put on the fresh blood to suggest that it had been tested for HAA, and Dr Smith is saying, no, because the tests are not terribly effective. Sir, perhaps a couple more documents before perhaps we take a short break. Moving on to the question of HIV, just looking at the information that we have about Wessex's experience of the first six months of the first AIDS
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using our present test." So it seems that an enquiry may have been made as to whether or not something should be put on the fresh blood to suggest that it had been tested for HAA, and Dr Smith is saying, no, because the tests are not terribly effective. Sir, perhaps a couple more documents before perhaps we take a short break. Moving on to the question of HIV, just looking at the information that we have about Wessex's experience of the first six months of the first AIDS leaflet, could we look, please, at CBLA0001820, and this again is a table we've looked at on number of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using our present test." So it seems that an enquiry may have been made as to whether or not something should be put on the fresh blood to suggest that it had been tested for HAA, and Dr Smith is saying, no, because the tests are not terribly effective. Sir, perhaps a couple more documents before perhaps we take a short break. Moving on to the question of HIV, just looking at the information that we have about Wessex's experience of the first six months of the first AIDS leaflet, could we look, please, at CBLA0001820, and this again is a table we've looked at on number of occasions. We can see Southampton at the bottom
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	dated 13 December 1971, and it says this: "Until the testing of blood donations for HAA becomes more accurate and specific I do not think that we should alter the fresh blood group labels in any way. The test at the moment is only 40 per cent effective and I would not like the clinicians to believe that a patient could not contract transfusion hepatitis after being given HAA negative blood using our present test." So it seems that an enquiry may have been made as to whether or not something should be put on the fresh blood to suggest that it had been tested for HAA, and Dr Smith is saying, no, because the tests are not terribly effective. Sir, perhaps a couple more documents before perhaps we take a short break. Moving on to the question of HIV, just looking at the information that we have about Wessex's experience of the first six months of the first AIDS leaflet, could we look, please, at CBLA0001820, and this again is a table we've looked at on number of occasions. We can see Southampton at the bottom column there. It says:

1	Then we can see that the procedure changes again
2	in 1982, NHBT0144439, where in another internal memo
3	it said this "Donors with a Medical History of
4	Jaundice":
5	"The procedure dealing with potential donors
6	with a medical history of jaundice or hepatitis has
7	been reviewed and alterations have been agreed.
8	"With effect from 1st January, 1982, the
9	practice of taking 'samples only' from these donors
10	will cease, instead they will be regarded as ordinary
11	donors and will be dealt with in exactly the same way
12	as new donors, both at donor sessions and in the
13	laboratories."
14	Then at paragraph 2:
15	"Donor selection will remain as it is, ie reject
16	if a history of jaundice of hepatitis within the
17	previous twelve months, or a history of <u>close</u> contact
18	within the previous six months", otherwise treat as
19	in exactly the same way as ordinarily donors.
20	Now, we know from a letter that Dr Smith wrote
21	to the Lister Institute on 4 October 1971, which we
22	don't need to go to but is NHBT0107890, that they
23	started testing donations at Wessex for hepatitis B on
24	the 4 October 1971. I think it is worth looking at
25	NHBT0108997, which is a memo from Dr Smith to
	38

1	"Distributed with call up cards [August '83 to
2	February '84]
3	"now available at sessions
4	"[Number] used, 71,700 Stock 3,300."
5	Then under "Donor response Effect on
6	Attendance":
7	"NIL."
8	On "Other Comments" it says:
9	"3 homosexual donors as for"
10	It says "as for advice", I suspect it means
11	"asked for advice".
12	SIR BRIAN LANGSTAFF: It looks as though the right-hand
13	margin is missing further up the page
14	MS SCOTT: Yes.
15	SIR BRIAN LANGSTAFF: so I think you're probably right.
16	MS SCOTT: Yes. We get a little bit more information
17	about this from a letter sent to Dr Smithies from
18	Dr Smith which is at DHSC0101658_014, and this is
19	a letter dated 24 January 1985, and he says:
20	"We display a poster at our blood collection
21	sessions together with a notice at the Team Clerk's
22	desk and in addition we have altered the NBTS form 110
23	to draw attention to AIDS.
24	"I think a national poster would be very useful
25	and when the new AIDS leaflet arrives we intend to
	40 (10) Pages 37 - 4

1	send this to all our donors with their call-up
2	[card]."
3	Then lastly, sir, before taking a break, is
4	a letter from Dr Smith again to Dr Smithies about HIV
5	testing. DHSC0002285_013, and this is a letter dated
6	29 October 1985:
7	"Thank you for your letter about HTLVIII
8	antibody testing of blood donations and blood
9	components.
10	"Our stocks in the Centre and in the hospital
11	blood banks were all negative for the above antibody
12	on the 14th October 1985. This includes fresh frozen
13	plasma and cryoprecipitate."
14	So he seems to be suggesting that they had
15	tested all of those products by 14 October 1985, and
16	then he goes on to say something about heat treated
17	factor products:
18	"As you know we are only using heat treated
19	Factor VIII for the treatment of haemophilia and
20	I have mentioned to our local haematologists the
21	problems that might be present with intravenous
22	immunoglobulin."
23	Sir, that is the material that I want to draw
24	your attention to in relation to the Wessex Centre.
25	After the break, I'm going to turn to the HIV
	41
1	list of this report includes Dr Lane and Dr Smith. It
2	list of this report includes Dr Lane and Dr Smith. It says:
	-
2	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma,
2 3	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited.
2 3 4 5 6	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited. Donor admits to homosexual activity but was VDRL
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2 3 4 5 6	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited. Donor admits to homosexual activity but was VDRL negative when he donated blood several days ago (this donation was separated at Wessex RTC but plasma was
2 3 4 5 6 7 8 9	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited. Donor admits to homosexual activity but was VDRL negative when he donated blood several days ago (this donation was separated at Wessex RTC but plasma was not dispatched to BPL)."
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2 3 4 5 6 7 8 9 10 11	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited. Donor admits to homosexual activity but was VDRL negative when he donated blood several days ago (this donation was separated at Wessex RTC but plasma was not dispatched to BPL)." Then it sets out the plasma donation number and when it was collected, 27 March 1984, dispatched to
2 3 4 5 6 7 8 9 10 11 12	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited. Donor admits to homosexual activity but was VDRL negative when he donated blood several days ago (this donation was separated at Wessex RTC but plasma was not dispatched to BPL)." Then it sets out the plasma donation number and when it was collected, 27 March 1984, dispatched to BPL on 6 April and the pack was used in the
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	says: "Donor [was] admitted to Bournemouth Hospital with skin rash consistent with Kaposi's sarcoma, leukopenia and anaemia. Biopsy results awaited. Donor admits to homosexual activity but was VDRL negative when he donated blood several days ago (this donation was separated at Wessex RTC but plasma was not dispatched to BPL)." Then it sets out the plasma donation number and when it was collected, 27 March 1984, dispatched to BPL on 6 April and the pack was used in the manufacture of batch HL3186. Then it notes that: "No factor IX was recovered from the cryosupernatant. "No fraction II was recovered from the A + 1 precipitate. "Fraction V was recovered and is presently held as L938 and L939." Factor VIII batch HL3186 has been distributed: on 10 August, 485 vials were sent to Wessex; and on 15 August, 400 vials were sent to Cardiff. There's

recovery of those viais, but we will look at that
same information appears on documents we will look at

51000	a inquiry 8 February 202
1	contamination incident and I know the Inquiry has
2	heard some information and evidence in relation to
3	that in previous hearings but I will go through the
4	material that we have from the Wessex perspective in
5	relation to that.
6	SIR BRIAN LANGSTAFF: Yes. Well, we'll take a break,
7	then, and what do you suggest, quarter of an hour?
8	MS SCOTT: Yes, sir, that will be
9	SIR BRIAN LANGSTAFF: So quarter of an hour, and I hope
10	that gives those who are listening remotely time for
11	a proper break.
12	So we'll come back, shall we, at 11.20.
13	(11.03 am)
14	(A short break)
15	(11.19 am)
16	SIR BRIAN LANGSTAFF: Yes?
17	MS SCOTT: Sir, I'm going to turn, first, to
18	CBLA0000010_183. This, when it comes up on the
19	screen, is a report dated 2 October we can see that
20	at the bottom of the page, 2 October 1984, "BPL
21	Internal Report", and if we go back up to the top of
22	the page, we can see it is prepared by Dr T Snape,
23	it's in relation to batch HL3186, it's a report from
24	Dr D Smith of Wessex by telephone on 2 October,
25	received by Dr Snape, and we can see the distribution
20	42
	42
1	in a little while.
1	
2 3	Then it goes on to set out what the actions
4	were: "Dr Smith (Wessex) was informed of the
4 5	implication HL3186 [by telephone on 2 October] and was
6	asked to recall all vials including any held by
7	patients for home therapy.
8	"Dr Napier (Cardiff) was unavailable but
9	Mr Booth [the senior MLSO from Cardiff] was informed
10	[on the following day, 3 October, but again by
10	Dr Snape] and was asked to recall all vials of HL3186,
12	including home therapy issues.
13	"Both telephone conversations were [copied] in
14	writing"
15	Then the fraction V concentrate was secured and
16	labelled "HELD".
17	Then if we turn over the page, number 4,
18	paragraph 4:
19	"Dr Smith was asked to report any plasma
20	from this donor despatched to BPL (or PFL) within the
20	last 5 years ([and it notes that] blood given by this
22	donor on [7 September '83] and [21 November '82] was
23	not used to supply plasma to BPL). Dr Smith was also
23 24	asked to determine whether the donor had a history of
24	asked to determine whether the donor had a history of

attendance at local special clinics for venereal 44

#### 8 February 2022

We can see, then, if we move then to DHSC0002247\_090,

It's headed "BPL Factor VIII Batch no HL3186"

we see a letter dated 4 October 1984 marked "Confidential" from the Wessex Regional Transfusion Centre, we'll see at the bottom from Dr Barnes, the deputy medical director. So we understand that Dr Smith was, in fact, on holiday at this stage. It's sent to the consultant haematologists in charge of the Haemophilia Centres, and then the Haemophilia Centres

in the Wessex area are set out there.

3 October:

Then it says:

all the batches to the Centre. Then he says this:

before 1982.

personally":

see this at DHSC0000247 093.

and refers to Mr Allison's telephone calls to their Blood Bank Chief "yesterday", so that would have been

"... asking for the above quoted batch of Factor VIII to be re-called and returned to us."

"The reason for this is that one of the donors whose plasma was incorporated into this pool is now thought to be suffering from AIDS. Investigations are being carried out and the diagnosis should be settled, one way or the other, within the next week or two. In the meantime, may I confirm", the request to re-call

> "In order to prevent undue worry to your 46

"There is also a possibility of a donation before November 1982 in this region, which we are attempting to trace. I will, of course, contact you again when [definitive] information is available." We'll look at this letter later but I'll give the reference for the transcript now, DHSC0001690, it's a letter from 5 November 1984, which makes it clear that they haven't found any previous donations

Now, information about the donor's diagnosis came on 16 October 1984, so some days later, and we

"I am extremely sorry to have to tell you that

again a letter from Dr Barnes, 16 October, to all directors of Haemophilia Centres in Wessex, and he

says, with reference to the earlier letter we looked at, 4 October and his telephone call of yesterday "my apologies to those I could not contact

Sorry, DHSC0002247\_093. We can see that this is

1	disease.	1
2	"Dr Tedder was consulted but indicated that	2
3	he did not wish at the moment to receive samples of	3
4	plasma fractions since he did not feel test methods	4
5	presently in use were appropriate. He did however ask	5
6	to receive a sample from the most recent donation	6
7	and this was arranged	7
8	"Dr Craske ( Manchester) was consulted and	8
9	asked to be supplied with a list of haemophilia	9
10	centres supplied with HL3186 in order to initiate	10
11	follow-up studies on patients treated with the batch.	11
12	[Dr Snape] to comply once data is received from Wessex	12
13	and Cardiff, and given the confirmation of donor's	13
14	condition."	14
15	The Medicines Division was informed of the	15
16	situation by Dr Fowler, and Dr Snape would supply	16
17	a copy of the summary report for the director.	17
18	Then a late telephone note from Dr Barnes in	18
19	Wessex and, sir, you'll recall Dr Barnes is the deputy	19
20	director from Wessex: the donation taken on	20
21	21 November '82 was taken at Leeds and time-expired	21
22	plasma from this donation was sent to BPL on	22
23	11 January '83, and "Information on this is to be	23
24	appended by SH".	24
25	Sir, that was the situation on 2 October 1982.	25
	45	
4	nationts, may leak for your dispertion here and for	1
1	patients, may I ask for your discretion here and, for	1
2	the time being at least, to keep this new [I think it	2 3
3	should say 'news'] to yourself. When any definite	
4 5	information does become available, either Dr Smith or	4 5
6	myself will let you know." Also on 4 October, could we look at	6
7	CBLA0000010 209, which is a letter again from	7
8	Dr Barnes, this time to Dr Snape at BPL, and he sets	8
9		9
9 10	out the background to the events, and he sets out what's known about the previous donations.	9 10
11	If we could go down the page, please. We can	10
12	see one from 21 November 1982 taken in Leeds,	12
13	time-expired plasma pooled and sent to BPL; one from	13
14	7 September '83 in Bournemouth, sent to a Portsmouth	10
15	hospital and not returned, and we'll see what happens	15
16	to that in due course; 27 March 1984 in Bournemouth,	16
17	fresh frozen plasma sent to BPL, 6 April 1983, plasma	17
18	reduced blood sent to one of our Portsmouth hospitals	18
19	and not returned; and 25 September 1984, Bournemouth	19
20	plasma separated and frozen, red cells destroyed and	20
21	then aliquot has been sent to Dr Richard Tedder.	20
22	Then it says, in relation to donations 2 and 3:	22
23	"We are not getting in touch with the clinicians	23
24	involved until the diagnosis is confirmed."	24
25	Then, if we go over the page, we can see:	25
	47	_0

the diagnosis of AIDS has now been confirmed. I understand that Dr Snape ... will be writing to all of us within the next day or two, and that further contact will be made by Dr Craske on the follow-up of your patients. In the meantime, I have been asked to

(12) Pages 45 - 48

1	suggest that a policy of discrete surveillance be
2	pursued."
3	We can see there the list of the Haemophilia
4	Centre Directors to whom this was sent.
5	Sir, it is not entirely clear what Dr Barnes was
6	suggesting there by a "policy of discrete
7	surveillance".
8	On the same day, a letter was written to the
9	Surgeon Commander of the Royal Naval Hospital in
10	Haslar. If we can look at that, please, it's
11	DHSC0002247_094. This relates to one of the donations
12	we saw in the earlier letter where it was said that
13	the clinicians were not being informed about this
14	incident until more information was known. So this is
15	taking up this is the letter informing the Surgeon
16	Commander about the donation:
17	"To confirm my telephone call of yesterday,
18	I regret to inform you that a blood donation taken
19	from a donor now known to be suffering from AIDS was
20	sent to RN Hospital, Haslar, earlier this year, was
21	not returned to us, and presumably has been transfused
22	into a patient."
23	Then details are set out. Then he was informed
24	that Dr Tedder is aware of the situation, and pleased
25	to carry out virological studies of the patient and
	49
1	MS SCOTT: Out of the 485 vials sent, they've had, by
2	8 October, 99 returned.

3	We move then onto 23 October, DHSC0001111. This	s
4	is a memo, a report, if we go over to the second page,	
5	please, a summary another report from Dr Snape and	
6	we can see from the bottom that this is dated	
7	23 October 1984, and he sets out the history, and so	
8	on.	
9	Can we turn, please, to page 4 of this report.	
10	We can see there the "Results of factor VIII recall",	
11	so this is 23 October 1984.	
12	"The 400 vials of batch HL3186 despatched to	
13	Cardiff break down"	
14	Recovered: 101 out of 150 vials for Heath Park,	
15	Cardiff; 51 out of 60 for Morriston; and Carmarthen,	
16	36 out of 40; and, altogether, they know that nine	
17	patients have been treated with the product in	
18	Cardiff. So a total of 338 vials were recovered with	
19	nine patients receiving the batch, and that's the	
20	situation in Cardiff.	
21	In Wessex, there's no information given about	
22	how many patients have been treated, but they know	
23	that, out of the 485 vials, 187 have been recovered by	
24	that time: so 105 out of 200 from Lord Mayor Treloar;	
25	by now they know that Salisbury and Winchester had	

1	that Dr Craske is carrying out follow-up of patients
2	who have received plasma or Factor VIII from the
3	donation and is very willing to offer advice.
4	So that, sir, is the information we have in
5	relation to what the dissemination of information
6	about the incident to clinicians, in the immediate
7	aftermath.
8	Turning then, to the action that was taken in
9	relation to re-call of the product, can we turn,
10	please, to CBLA0000010_211. This is a letter of
11	8 October 1984, again from Dr Barnes to Dr Snape, and
12	he says that he confirms an earlier telephone call and
13	the number of vials of Factor VIII batch HL3186 sent
14	to the Haemophilia Centre in Wessex, and sets out
15	there the Haemophilia Centre that had received batches
16	and the number that had been returned.
17	So you'll see, for example, that 70 were sent to
18	Salisbury, they've had none returned; 22 to Lord
19	Mayor Treloar College, 200 sent to them, 33 returned,
20	and so on. So out of the 485
21	SIR BRIAN LANGSTAFF: Sorry, 22 to Lord Mayor Treloar
22	College?
23	MS SCOTT: Sorry, 200 were sent to Lord Mayor Treloar with
24	33 returned.
25	SIR BRIAN LANGSTAFF: Thank you.
	50
1	used all the vials that they had been sent; but

1	used all the vials that they had been sent; but
2	Bournemouth had returned, for example, 60 out of the
3	60 that they had been sent.
4	If we can then turn, please, over the page to
5	page 5 of this report, it's worth noting what Dr Snape
6	is saying on 23 October about the observations on the
7	incident. He makes two observations. At 5.2, he says
8	his:
9	"In this particular instance, the last (and most
10	damaging) donation was received at BPL on
11	6th April 1984, pooled for fractionation on
12	17th May 1984 and issued for clinical use on
13	10th August 1984. This timetable is consistent with
14	the five week period of quarantine presently
15	supportable for fresh frozen plasma and the
16	irreducible six to eight week delay from pooling
17	plasma to release of Factor VIII concentrate for
18	clinical use.
19	"Enforcement of a three month quarantine period
20	would not in this instance have avoided the loss of
21	resource resulting from the plasma pool being
22	compromised by a single donation; it would almost
23	certainly have avoided patient exposure to the product
24	however.
25	"Enforcement of a six month quarantine period
	52 (13) Pages 49 -

(13) Pages 49 - 52

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1	would have prevented release of the batch for clinical
2	use; it would also have allowed the donation to be
3	included before pooling, thus avoiding a very
4	expensive reject situation.
5	"This incident must be an extremely cogent
6	argument for the establishment of cold-storage
7	facilities capable of supporting a six-month
8	quarantine of fresh frozen plasma."
9	He also makes this observation in relation to
10	the follow-up:
11	"The appearance of this donor at three different
12	Centres within two years clearly underlines
13	a fundamental problem when carrying out follow-up of
14	donor incidents of this sort. Surely central
15	co-ordination of donor records is unavoidable."
16	Now, a copy of this report was sent to the DHSS
17	on 24 October '84, we don't need to go to that but,
18	for the transcript, that's PRSE0001658. Can we,
19	though, turn to CBLA0000010_188, which is a document
20	that deals with the follow-up undertaken by Dr Craske
21	of those who were treated with the infected donations.
22	So we have here the front cover, and we can see
23	it's in relation to batch HL3186, and it's Dr Craske's
24	letter to Haemophilia Centre Directors, dated
25	20 November 1984. We can see the list of Haemophilia
	53
1	"1) Only a proportion of the patients
2	transfused with an infected batch are likely to
3	contract HTLV-3
4	"2) Some patients who have received commercial
5	
6	factor VIII since [1 January 1980] will <u>already</u> have
	factor VIII since [1 January 1980] will <u>already</u> have contracted HTLV-3 infection from other infected
7	contracted HTLV-3 infection from other infected batches.
7 8	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected
•	contracted HTLV-3 infection from other infected batches.
8	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected
8 9	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is
8 9 10	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown
8 9 10 11	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can
8 9 10 11 12	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some
8 9 10 11 12 13	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can
8 9 10 11 12 13 14	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some
8 9 10 11 12 13 14 15	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII
8 9 10 11 12 13 14 15 16	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk.
8 9 10 11 12 13 14 15 16 17	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients
8 9 10 11 12 13 14 15 16 17 18	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients who are likely to transmit infection, or who are
8 9 10 11 12 13 14 15 16 17 18 19	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients who are likely to transmit infection, or who are likely to contract AIDS by means of laboratory tests."
8 9 10 11 12 13 14 15 16 17 18 19 20	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients who are likely to transmit infection, or who are likely to contract AIDS by means of laboratory tests." Then he says this, under "Methods of
8 9 10 11 12 13 14 15 16 17 18 19 20 21	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients who are likely to transmit infection, or who are likely to contract AIDS by means of laboratory tests." Then he says this, under "Methods of Investigation":
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients who are likely to transmit infection, or who are likely to contract AIDS by means of laboratory tests." Then he says this, under "Methods of Investigation": "With the above facts in mind, I propose the
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	contracted HTLV-3 infection from other infected batches. "3) The proportion of patients who are infected with HTLV-3 who will eventually contract AIDS is unknown "4) The long term program notice for patients with HTLV-3 verification is unknown "5) There is evidence that HTLV-3 infection can be transmitted by sexual contact. Therefore some sexual partners of recipients of factor VIII contaminated with HTLV-3 may [now] be at risk. "6) We cannot yet distinguish those patients who are likely to transmit infection, or who are likely to contract AIDS by means of laboratory tests." Then he says this, under "Methods of Investigation": "With the above facts in mind, I propose the following strategy. [First of all]

Centre Directors that it's sent to, so those in Wales, and so we've got Swansea there, Carmarthen, Cardiff, as well as those in the Wessex area. It's CC'd to a number of different individuals, including Dr Rizza, Dr Lane, Dr Snape, Dr Smith and the Wessex Regional Health Authority. If we turn then to the page 2, we can see the letter itself, and it says in the second paragraph down: "I have responsibility for the epidemiological follow-up of recipients of that is batch to confirm whether any hazard exists, and to assist in the investigation of patients where required. I hope that we can obtain the maximum information from this unfortunate incident, and devise methods for the prevention of the disease. We also need to confirm the association of HTLV-3 infection and transfusion of factor VIII concentrate." Then, under "Risk to the patient", he says this: "From the foregoing discussion you will see that it is difficult to be certain of the precise risk of any recipient contracting AIDS, but the following facts may help you to appreciate the position." Then he sets out, on the following page, six facts:

"(b) Follow up of patients.	
"Patients identified should be followed up at	
least at four monthly intervals for six years."	
Then he sets out details of how that should be	
achieved.	
If we go over the page, please, he also provides	
them with simplified records forms for the follow-up	
to be provided to him. It says halfway down that	
page:	
"Follow up should be carried out even if	
a patient is found to be positive for HTLV-3 antibody	
in the first specimen tested", ie prior to receipt of	
the infected batch.	
He then sets out that four monthly review and	
how that should be completed, and that the form should	
be sent to him in Manchester. He says this:	
"The follow-up may be carried out using	
an alternative of two different strategies:	
"i) If the patient has been informed of the	
risk associated with this contaminated batch of	
factor VIII, testing could be carried out on each	
specimen as it is obtained at each four monthly	
review. In addition, it would be wise to warn the	
index patient that his spouse may be at risk from	
contracting HTLV-3 infection as a result of any sexual	
56 (14) Pages 53 - 5	56

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risks."

treatment is available.

infection are to be surmounted.

"Restricted follow-up":

already have passed.

also be informed by letter."

And then:

infection."

contraception.

take you to.

He sets out the benefits of this:

HTLV-3 infection to be available to the caring

informed of the risk [and to take precautions].

between the physician and his patient which is

essential if difficult problems arising from HTLV-3

Then the alternative which is entitled

"In this strategy, the identification of

patients who contract HTLV-3 infection will not be

made for 2 years or at the request of the Centre

of infection, since it will not be known when the

index patient first contracts HTLV-3 infection. If

late, as the period of maximum infectivity will

"Other preventative measures

"1) When a patient is told of the risk to

that his sexual partner might also be exposed to

So that is the letter that was sent in November 1984 to all the Haemophilia Centre Directors.

I do that I'll just take you to HHFT0001026\_004.

a few days -- the same day, sorry, as the Craske

the bottom the circulation is to those Haemophilia

It is a letter from the regional medical officer and

Wessex Regional Health Authority, and we can see at

Centre Directors who have received the Craske letter.

First of all it sets out in that first paragraph 60

letter we've just looked at. It's a letter from the

exposure to HTLV-3 infection he should also be warned

Then it goes on to discuss barrier methods of

We don't have very much information about how

that was received save for a couple of documents I can

Can we turn, please, to -- oh, in fact, before

So this is a letter dated 20 November 1984, so

a patient develops AIDS related illness it will be too

58

Director. It will be impossible to warn spouses and

advise preventative measures to limit the transmission

"[It] allows information of the development of

physician as soon as possible, and thereby to identify and treat all complications as they arise where

"It also allows the patient's spouse to be

"It also maintains a trusting relationship

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1	contact. A test for HTLV-3 antibodies can be offered
2	[it says] to Directors at the time of follow-up of the
3	index case. Follow-up can be arranged by the Director
4	or in collaboration with the GP as thought necessary."
5	So that's for those cohorts of patients who have
6	been informed of the risk associated with the
7	contaminated batch and then, on the following page, he
8	sets out an alternative strategy:
9	"An alternative strategy would be not to tell
10	the patient of the risk involved but to observe him at
11	regular clinical review four monthly, to collect serum
12	specimens for HTLV-3 antibody examination and send
13	them to me at Manchester. These would not be examined
14	until two years after the initial exposure, or until
15	the patient develops clinical features suggestive of
16	AIDS, or testing is [required] by the Haemophilia
17	Centre Director."
18	Then it says, the next paragraph:
19	"The ethical problems involved in these two
20	alternative methods of follow-up are discussed in
21	an appendix at the end of this letter."
22	If we turn to page 6, we can see that appendix,
23	"Ethical Problems Associated with HTLV-3 Infection in
24	Haemophiliacs":
25	"1) Informing the patient and his family of the
	57
1	"Any benefit or peace of mind for the patient
2	will be temporary if any other persons exposed
3	develops AIDS. If the patient finds out that he has
4	had this batch, then the trust of the patient will be
5	lost, and the Haemophilia Centre Director placed in
6	a delicate situation.
7	"It is quite likely that any patient who has
8	received commercial factor VIII since 1980, and thus
9	had already possibly been exposed to HTLV-3 infection
10	will not have a greatly increased chance of
11	contracting AIDS, compared with the patient who has
12	received only NHS concentrate until now."
13	Then he says:
14	"In my view option (1) is the only one tenable
15	on moral and ethical grounds."
16	So then if we turn back to page 5:
17	"Should the patient be told?
18	"Ideally I think he should, but this will depend
19	on many factors, including the amount of anxiety
20	concerning AIDS there is already present at the
21	Centre, and the degree to which the patient is capable
22	of understanding the situation. Every effort should
23	be made to encourage the patient to discuss the
24	problem with his spouse and help them to face the
25	problem together. The General Practitioner should
	59

it says "Dear Doctor".

(15) Pages 57 - 60

1	the background to the contamination incident.
2	Second paragraph relates to the working party
3	being set up by the DHSS to look at the questions
4	raised for the Blood Transfusion Service and the
5	recognition of AIDS, and it's the third paragraph
6	that's of particular relevance:
7	"I have discussed the subject of AIDS with two
8	members of the Working Party and feel that in the
9	first instance it would be strongly advisable for the
10	patients who received Batch No. HL 3186 of Factor VIII
11	concentrate, or their parents, to be told, with the
12	emphasis of the benefits of treatment by Factor VIII
13	far outweigh the small risk of the patient developing
14	AIDS. I hope you will agree to do this now and let me
15	know thereafter."
16	Then he goes on to say:
17	"The public interest in this matter will almost
18	certainly lead to further Press inquiries in Wessex
19	before long. I would like to be able to say that all
20	patients have been informed and that the situation is
21	being closely monitored."
22	So turning, then, to the material that we have
23	to understand how this was received and what the
24	Haemophilia Centre Directors actually did in terms of
25	telling patients, can we turn to CBLA0000010196.
	61
4	whethe homeoned well tald them about what
1	what's happened well told them about what
2 3	happens other than that he has asked Dr Craske to test
3 4	the samples that he sent him, which would suggest that those patients at least should have been told. But it
4 5	certainly gives the impression that there isn't much
6	urgency in times of the time that seems to be taken
7	both by Dr Green and possibly by Dr Craske in
8	understanding whether or not these patients had in
9	fact been infected with HTLV-III.
10	In August 1988, Dr Lane wrote to Dr Craske we
11	don't need to go to it but for the transcript it's
12	CBLA0000010_200 wrote to Dr Lane asking him whether
13	a final report had ever been written by Dr Craske
14	resulting from the follow-up that he had undertaken of
15	those patients who had been who had received
16	the infected products.
17	We can look at Dr Craske's response. That's
18	CBLA0000010_202.
19	It's a response dated 23 September 1988, and he
20	says this at paragraph 2:
21	"The follow-up we were doing eighteen months ago
22	of this incident was bedevilled at that time by the
23	reluctance of Haemophilia Centre Directors to cause,
24	what they considered to be, an unnecessary worry to
25	their patients, so that a follow-up of the recipients

51000	a inquiry o February 2022
1	Now this is a letter written from
2	CBLA0000010_196.
3	This is a letter written from Dr Green, from the
4	Portsmouth Haemophilia Centre, to Dr Snape, and it's
5	in response to a letter written from by Dr Snape to
6	the Haemophilia Centre Directors prompting them to
7	provide information about follow-up to Dr Craske.
8	And Dr Green says this:
9	"I object to the tone of your letter. I intend
10	to follow up the patients affected by the transfusion
11	of HL3186 and I reserve to do this in my own time and
12	in my own way. If you had taken the trouble to
13	enquire from Dr Craske you would know that he is in
14	possession of samples from some of my patients and in
15	due time he will be in receipt of samples from all of
16	them."
17	Then he complains:
18	"It has taken [Dr Craske] seven weeks to supply
19	[him] with the results of the tests he does"
20	I think it should say "have":
21	" and I only got them by 'phoning him.
22	Things I dare say will work out in their own time."
23	This doesn't help us very much with
24	understanding whether Dr Green has put his patients in
25	the first or second category, ie told them about
	62
1	who received this product has not been carried out in
2	the formal sense."
3	Then he says at the fourth paragraph down:
4	"Your letter prompts me to re-open this enquiry,
5	as we do need to know the outcome of patients who
6	received this and other batches which may have been
7	contaminated with HIV. I will consult my files and
8	let you have a report as to what is known at the
9	present time."
10	So Dr Craske's analysis of the response from
11	Haemophilia Centre Directors is that they did not want
12	to cause unnecessary worry to their patients,
13	suggesting perhaps that in fact patients weren't told
14	that they had received contaminated product.
15	SIR BRIAN LANGSTAFF: Well, it looks as though, on the
16	face of it, they've adopted the first of the was it
17	the first or the second of the two options?
18	MS SCOTT: The second.
19	SIR BRIAN LANGSTAFF: The second of the two options which
20	Craske had put out in his letter, and they've adopted
21	the course which he regarded as morally and
22	unethically unacceptable.
23	<b>MS SCOTT:</b> Sir, it may be that they haven't even gone that
24	far, because that second option did include follow-up
25	in a formal sense. It did include taking samples and
	64 (16) Pages 61 - 64

INQY1000182\_0016

 "21st November 1982. Leeds BTC. Red cells

unused, time expired plasma sent to BPL ... Two

batches of PPF were made and held."

Then:

1	sending them to Dr Craske. It looks from this as if
2	they haven't even gone down that route, they simply
3	haven't done any follow-up. It may be well, sir,
4	you'll have to decide, but it may be that Dr Craske
5	here is saying he hasn't actually had many samples, at
6	all.
7	SIR BRIAN LANGSTAFF: Yes.
8	MS SCOTT: Even ones that he can't test for the two years
9	or until some other event happens.
10	Now Dr Craske there suggests that he will do
11	a final report but the Inquiry has not found a final
12	report from Dr Craske.
13	So lastly, then, what does the what do we
14	know about what happened to the patients? Can we
15	turn, please, to DHSC0004180_050.
16	Sir, this is a report that's neither dated nor
17	authored, but it does give us some more information
18	about the incident in itself and about what happened
19	to the patients, albeit we don't know where it comes
20	
20	from we don't know who wrote it, I should say. So it sets out the background to the donor
	C C
22 23	becoming ill in the first paragraph, and second
	paragraph sets out what was found and that the
24	diagnosis of AIDS was confirmed. It sets out the
25	donation history and his blood group.
	65
1	Factor VIII batch:
2	"7,000 plasma donations in the pool. 9 patients
3	transfused in Wales and 29 in Wessex. Other units
4	immediately re-called, total batch compromised 485
5	vials sent to Wessex and 400 sent to Cardiff RTC.
6	A total of 338 vials were recovered from Cardiff and 9
7	patients received the batch. In Wessex a total of 187
8	vials were recovered and 29 patients received the
9	batch."
10	Then they set out below the breakdown of where
11	those 29 patients in Wessex were treated, and we can
12	see that eight of those were in Lord Mayor Treloar and
13	eight of those were in Southampton, with Dorchester,
14	Salisbury, and Portsmouth also and Winchester also
15	having patients.
16	Then if we go over the page, we see:
17	"25th September 1984. Wessex BTC. Informed by
18	hospital that donor has AIDS. Donation tested and
19	found HTLV-III Positive by Dr Tedder."
20	And the donation was discarded, and then we see
21	that the donor died on 5 November 1984.
22	So that gives us a little bit more information.
23	We also have a few other bits of correspondence.
24	So we can see from a letter written from the
25	Southampton Haemophilia Centre to Dr Snape,
	67

Then.
"14th February 1983. Birmingham Whole blood
donation transfused. Further information from
Dr Ala."
And we don't, I think, have any further
-
information in relation to that.
"26th August - 10th February 1984. Wessex BTC.
All regular donors sent AIDS leaflets. An AIDS
leaflet was received by the donor early in 1984.
"7th September 83. Wessex BTC. Whole blood
transfused to Mr (SR) following prostatectomy for
benign hyperplasia. Later anti-HTLV-III found in
serum. Patient later died from neoplasm of
rectum."
Then over the page:
"27th March 1984. Wessex BTC. Plasma reduced
red cells transfused 2nd April 1984 to patient for
bleeding peptic ulcer. Follow up anti-HTLV-III
detected in his serum early November 1984."
And that, we can see, is the Royal Naval
Hospital in Haslar.
Then it goes on to discuss the HL3186
66
29 January 1985, CBLA0000010_194.
We have a letter saying:
"Dear Dr Snape,
"Thank you for your letter regarding
follow up of patients treated with Factor VIII Batch
HL3186. All eight patients exposed to this batch at
Southampton have been informed of the problem and sera
from seven of these patients have been sent to Dr John
Craske."
And one of those patients has been followed up
at Lord Mayor Treloar.
So that's a letter from a Dr Bell,
29 January 1985.
Now, we know from another letter written by
Dr Bell to Dr Aronstam which we don't need to go
6
to, but it's TREL0000110_040 that one of those
infected from Southampton was Gary Bennett, who has
given evidence to this Inquiry, and so I think it's
helpful to remind ourselves of what he told this
Inquiry in his written statement about being informed
about the contaminated product.
We find his written statement at INQY0000325.
Sorry, I've given you the wrong account, WITN
WITN0297001. Thank you.
That's the story of that's the first page of
68 (17) Pages 65 - 68

1	the witness statement. If we could go, please, to
2	page 5. It starts at para 18:
3	"I had to go to class room 2A. There were about
4	ten or 11 of us in this particular age band. The
5	nurse and Dr Wassef came in and said have you all got
6	a pen and paper. He then told me personally, if you
7	have such and such a batch number, and he read the
8	numbers out. He said you have permission from the
9	headmaster and I need you all now to use the public
10	phone outside our dormitory's office and ask your
11	parents to check if they have that batch number at
12	home. Not to use it but to return it to your
13	hospital. That batch number that was read out was at
14	home, we had got it from Southampton General.
15	Dr Wassef then left the room. I remember getting off
16	the seat walking down to our dorms and we were all
17	lined up in a row outside our dormitory to see our
18	dorm master, Mr Eggins. He knew why we were there."
19	"19. I rang home and learned that I had one of
20	the batch numbers at home. I spoke to my Dad. They
21	didn't tell us why we had to check these batch
22	numbers. It was a long time ago but looking back, the
23	first part I can actually remember. I left college
24	and went to my hospital to see Dr Chisholm. She knew
25	my brother and me as we had being seeing her for
	69
1	product incident.
2	SIR BRIAN LANGSTAFF: Thank you.
3	<b>MS SCOTT:</b> And that brings to a conclusion the
4	presentation on the early years of the Wessex Regional
5	Blood Transfusion Service.
6	SIR BRIAN LANGSTAFF: Thank you. So, we take a break now,
7	do we until 1.00?
8	MS SCOTT: Yes, 1.00, and Dr Lloyd will give evidence
9	at 1.00.
10	SIR BRIAN LANGSTAFF: And we start at 1.00 because
11	Dr Lloyd is joining us from Canada, and they are
12	five hours behind us.
13	MS SCOTT: Yes.
14	SIR BRIAN LANGSTAFF: Very well.
15	So 1.00 for Dr Lloyd. We'll take those of us
16	who want a lunch break now will have it now.
17	MS SCOTT: Thank you.
18 10	(12.03 pm)
19 20	(The Short Adjournment)
20	(12.59 pm)
21	SIR BRIAN LANGSTAFF: Dr Lloyd, can you see me? Dr Lloyd,
22 23	can you hear me?
23 24	THE WITNESS: Ah, I can now. Good afternoon. SIR BRIAN LANGSTAFF: You can see me?
24 25	
20	THE WITNESS: I can.
	11

1	years.
2	"20. I can remember in 1985 I went and saw her
3	and she changed her tune as I think she knew there was
4	a crisis as she wasn't laughing anymore. She knew all
5	of us but her demeanour had changed to a more serious
6	one. I think she knew and it was as if she was
7	thinking you don't realise what has happened.
8	"21. Tony and I learnt at the same time about
9	the batch numbers. Looking back they had hammered us
10	with bad batches."
11	If we go over the page:
12	"I remember Mum and Dad sitting me down in the
13	front room and saying you've been infected with HIV
14	since 1982. This was around 1986. It came through in
15	a letter to my Mum and Dad from Southampton General.
16	They received nothing from Treloar, ever. We were
17	told via a letter from the hospital despite going
18	there regularly, they never told us face to face."
19	Sir, you will have to marry up this account of
20	being told or when Gary Bennett was told about the
21	infection with the letter we looked at from Dr Bell to
22	Dr Snape of 29 January '85 in which he said that all
23	the patients had been told of the problem.
24	Sir, those were the documents that I want to
25	draw your attention to in relation to the contaminated
	70
1	SIR BRIAN LANGSTAFF: Good. Well, that's the start we
1 2	SIR BRIAN LANGSTAFF: Good. Well, that's the start we want, at any rate. It's 8 o'clock with you, is it, in
2	want, at any rate. It's 8 o'clock with you, is it, in
	want, at any rate. It's 8 o'clock with you, is it, in the morning?
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8 February 2022

1	Q.	I'm going to start by just getting an overview of your	
2		medical career. You took up your first house officer	
3		post in 1975; is that right?	
4	Α.	That's correct, yes.	
5	Q.	Then, between 1975 and 1979, you had various house	
6		officer and senior house officer posts with no	
7		particular emphasis on haematology or transfusion?	
8	Α.	That's correct.	
9	Q.	Then, in 1980, you had your first placement at the	
10		Northern Regional Transfusion Service from 1980 to	
11		1981, as a locum registrar; is that right?	
12	A.	That is correct, yes.	
13	Q.	What led you to that post?	
14	Α.	I was following what would be considered a traditional	
15		medical career, working my way up the ladder, I guess,	
16		and at that time working in neurology at Newcastle	
17		General Hospital, I felt that a career in what one	
18		might call the traditional medical format was not for	
19		me. I watched some of my colleagues trying to move	
20		through the grades doing research jobs, for which they	
21		were neither qualified nor interested, and I decided	
22		to look for something different, and it was very much	
23		by chance that I came to the Blood Transfusion	
24	-	Service.	
25	Q.	, , , ,	
		73	
1		that was mainly to look at virology.	
2	Q.	You also, during this period, had a further period of	
2	ω.	time at the Regional Transfusion Centre; is that	
4		correct?	
5	A.	Yes, that's right. It was officially a rotation, so	
6	л.	I came back into the transfusion centre.	
7	Q.	Can you remember of that period '81 to '83, can you	
8	ч.	remember approximately when you were back in the	
9		transfusion centre, which year it was?	
10	A.	It was likely at the end of that rotation, so probably	
11	71.	1983. I think I would have started off the rotation	
12		by going to the Freeman hospital, and then coming back	
13		to the transfusion centre at the end of the period.	
14	Q.	You tell us in your statement that your time at the	
15	ч.	haematology department at the Freeman Road Hospital	
16		provided insight into hospital blood banking, use of	
17		blood products and clinical issues arising from	
18		transfusion. What kind of issues arising from	
10		transfusion do you recall encountering during that	
20		period of your work?	
20 21	A.	Well, the Freeman Road Hospital housed Newcastle's	
22	л.	cardiothoracic unit, so there were a lot of patients	
22		receiving fairly high volume transfusions and platelet	
23 24		transfusions and support for their coagulation status.	
24			
25		So the issues that arose, we would see quite a lot of	

B1000	inc	aury 8 February 202
1		at that stage, you spent, I understand, some time in
2		each department of the Centre and you've explained you
3		would review donor information and also you became
4		involved in blood banking and component production and
5		the introduction of automated blood grouping, amongst
6		other tasks?
7	A.	Yes, that's right. I can't remember the exact moment
8		when we started work on the automated grouping. It
9		might have been while I was still in the locum
10		position it might have been after I obtained
11		a substantive registrar position. But it was about
12		that time we were trying to move from manual
13		operations to a little bit of automation.
14	Q.	Then from 1981 to 1983, you were a registrar in blood
15		transfusion and haematology and, as I understand it,
16		that involved receiving training and experience in
17		haematology, pathology and microbiology at the Freeman
18		Road Hospital; is that right?
19	A.	Yes, and some clinical biochemistry. So it was all
20		the pathology departments in a big general hospital.
21	Q.	You also, during that period, had a secondment to PHL;
22		is that correct?
23	A.	Yes, I went to the Public Health Laboratory Service,
24		which had laboratories actually based in the same
25		building as the Transfusion Service in Newcastle, and
		74
1		patients with non-specific reactions to transfusion,
2		raised temperature, perhaps rigors, and so on. So
3		there would be some investigation to make sure there
4		wasn't an obvious serological reason for it but
5		I don't recall any other really major issues.
6		I think we had one case of a major transfusion
7		reaction and, I think and I really only think
8		that that was a case of a unit of blood being
9		incorrectly being given to the incorrect patient
10		and caused a major reaction.
11		So we saw some serious things. I do not recall
12		anything that was related to non-A, non-B, for
13		instance, but then that's I don't think people were
14		looking as hard for it as they might.
15	Q.	We'll come back to that at a later stage of your
16		evidence, that issue.
17	Α.	I'm sure.
18	Q.	1983 to 1987 you were then a senior registrar in
19		transfusion and haematology, spending time in each of
20		the three main teaching hospitals in Newcastle. So
21		would that be Freeman Road, Newcastle General and the
22		Royal Victoria Infirmary?
23	Α.	That's correct.
24	Q.	You had a period at the Haemophilia Centre, the
25		Newcastle Haemophilia Centre, at this time. Can you
		70

76

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24

25

1		remember which year that was?
2	Α.	No, I can't now. It would have been at my towards
3		the in the latter half of that period, because
4		I think I started at the Freeman Hospital then the
5		Newcastle General, and then the Royal Victoria
6		Infirmary, and it was while I was at the Royal
7		Victoria Infirmary that I would have had a period
8		working in the Haemophilia Centre. So yes, towards
9		the in the second half of that period.
10	Q.	How long, very roughly, were you at the Haemophilia
11		Centre?
12	Α.	Very roughly very hard to remember now probably
13		four weeks. I doubt whether it would have been
14		longer. There were so many other things to fit into
15		that period of time.
16	Q.	5 1 5
17		a further period at the Regional Transfusion Centre?
18	Α.	Sorry, you froze then but I think you were asking if
19		I had a further period at the transfusion centre?
20	Q.	Yes.
21	Α.	And that's correct, yes.
22	Q.	And you did the second part of your MRCPath exam
23	_	having done the first part earlier in the 1980s.
24	Α.	Yes, yes.
25	Q.	Then in 1987 you took up a post as a locum consultant
		77
1		management than would be normal for that position,
1 2		management than would be normal for that position, including sitting as the Centre's representative on
		-
2		including sitting as the Centre's representative on
2 3	Q.	including sitting as the Centre's representative on union negotiations with staff over changes that we
2 3 4	Q.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.
2 3 4 5	Q.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the
2 3 4 5 6	Q. A.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your
2 3 4 5 6 7		including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point
2 3 4 5 6 7 8	A.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.
2 3 4 5 7 8 9 10 11	A.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes. was medical director and then later became chief
2 3 4 5 6 7 8 9 10 11 12	A. Q.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes. was medical director and then later became chief executive? I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have.
2 3 4 5 6 7 8 9 10 11 12 13	A. Q.	including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make. And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes. was medical director and then later became chief executive? I think I was medical director and general manager.
2 3 4 5 6 7 8 9 10 11 12 13 13	A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q. A.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q. A. Q. A.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Q. A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Q. A. Q. A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit of your answer.</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q. A. Q. A.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit of your answer.</li> <li>Yes, I was medical director and general manager from</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Q. A. Q. A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit of your answer.</li> <li>Yes, I was medical director and general manager from the beginning, and then it was several years later</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q. A. Q. A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit of your answer.</li> <li>Yes, I was medical director and general manager from the beginning, and then it was several years later</li> <li>that we reorganised a bit and I became just the chief</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	A. Q. A. Q. A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit of your answer.</li> <li>Yes, I was medical director and general manager from the beginning, and then it was several years later that we reorganised a bit and I became just the chief executive. We also of course at that time, around</li> </ul>
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q. A. Q. A. Q.	<ul> <li>including sitting as the Centre's representative on union negotiations with staff over changes that we were hoping to make.</li> <li>And then November 1988 you became the director of the Northern Regional Transfusion Service. I think your title at that point Yes.</li> <li> was medical director and then later became chief executive?</li> <li>I think I was medical director and general manager. Excuse me. Sorry, this is a problem I have. I was director and general manager from the beginning. It was some years later that we [frozen screen]</li> <li>Sorry, you froze then, Dr Lloyd, and we lost the last Sorry.</li> <li>No, no, not your fault at all. We lost the last bit of your answer.</li> <li>Yes, I was medical director and general manager from the beginning, and then it was several years later</li> <li>that we reorganised a bit and I became just the chief</li> </ul>

31000	d Ind	quiry 8 February 20
1		haematologist at the transfusion centre, and then
2		June 1987 to October 1988 you were a consultant
3		haematologist at the transfusion centre.
4	A.	Yes, that's right.
5	Q.	What, in broad terms, did that role as a consultant
6		haematologist entail?
7	A.	l had obviously sorry, l shouldn't say obviously.
8		I had quite a number of I spent quite a lot of time
9		with interactions with the individual haematologists,
10		particularly when products were requested. It was not
11		unusual for there to be shortages of platelets,
12		particularly, and so we'd be discussing howthe
13		condition of the patient, their platelet counts.
14		I also looked at information from donors. At
15		the blood donor sessions there was a book which was
16		used to make notes about any particular donor. If
17		there was something that the clerical staff or the
18		nursing staff felt warranted further investigation,
19		a note would be made and each day that list would be
20		looked at and I took my turn at doing it and sometimes
21		would discuss with others who were doing it what was
22		found, were the donations that they had made suitable
23		for use? And obviously in some cases we felt unable
24		to use them.
25		I also became perhaps more involved in
		78
1	~	become the head of our medical services.
2	Q.	And when you took up the role as director in
3		November 1988, your predecessor Dr Collins moved to
4		the clinical haematologist role; is that right?
5	A.	That's correct, yes.
6 7	Q.	I want to ask you next a little about the Centre, its
		facilities and its arrangements. I've just mentioned
8 9		Dr Collins, that was Dr Anne Collins, and prior to her
9 10	Α.	Yes.
11	Q.	appointment, it was Dr Sheila Murray. Who was
12	ω.	director; is that right?
13	A.	That's right. I met her on one occasion in 1980 just
14	л.	as the transfer from herself to Dr Anne Collins took
14		place.
16	Q.	In broad terms, what was the geographical reach of the
17	ч.	Northern Regional Transfusion Service?
18	Α.	It had a very wide geographical area to cover, one of
19	73.	the largest in England and Wales, with some large
20		areas of low-density population and a few very highly
20		dense pockets of population. So it covered it
22		actually took in a little piece of North Yorkshire,
23		which was not part of the Regional Health Authority's
20		and the Nexthern Designal Leeth Authority's

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remit, the Northern Regional Health Authority's remit. It then, from there, went up to the Scottish border

## ected Blood Inquiry

			The Inf
1		and, across to the west side, it took in most of	
2		what's now called Cumbria. We did a little bit across	
3		the border and I think we sort of snuck into Gretna,	
4		but we did not there was a small area of south	
5		Cumbria which we did not cover. Transport links were	
6		very poor and it was covered by the sub-centre at	
7		Lancaster.	
8	Q.	Now the centre which you first worked at in 1980 was	
9		based in the Institute of Pathology in Newcastle	
10		General Hospital, and I think had been since the	
11		1950s.	
12	Α.	Yes.	
13	Q.	Can you describe to us the facilities there and how	
14 15		adequate or otherwise they were for their purpose.	
15	Α.	Yes, that building I believe was opened in 1956. One floor was dedicated to the transfusion service and	
17		that would have been at a time when there was very	
18		little in the way of processing blood into components,	
19		and very little testing I think probably only the	
20		syphilis test and so there was not a lot of space.	
21		By the time I arrived there, several things had	
22		happened to that facility. The basement, which had	
23		never been intended as a laboratory area, part of that	
24		had been converted to make a facility for processing	
25		blood into components.	
		81	
1		Dr Lloyd. You said it was, and then we missed	
2		a little and then you said, "the 1980s".	
3	Α.	Okay. I think it was yes, I said something like:	
4		it was pretty outdated, even by the standards of the	
5		1980s.	
6	Q.	An adjective a use in your statement to describe it,	
7		in fact, is "Dickensian"?	
8	Α.	Yes, sorry about that. Yes, it was in some ways. The	
9		thing that sort of struck me was that we would see	
10		blood grouping being performed and the results were	
11		transcribed by clerks sitting on high stools at wooden	
12 13		benches with great big ledgers. The entries being	
13 14		made in pencil, which of course would be a complete no[frozen screen] after doing repetitive tasks,	
14		which did give you that feel of a Dickensian office.	
16	Q.	I'm going to ask you to look at a document with me,	
17	-æ.	Dr Lloyd, just so that I can pick up one point from	
18		it.	
19		Sully, can we have NHBT0101335_052.	
		e · · · · · · · · · · · · · · · · · · ·	

- A. Sorry, can you say that number again? 20
- Q. NHBT0101335\_052, it should come up on your screen. 21
- 22 A. I was trying to pull it up, but a little too fast for 23 me there
- 24 SIR BRIAN LANGSTAFF: It's still not there for us.
- MS RICHARDS: Have you got it, Sully? 25

- 1 A second -- and it only came back to me the 2 other day -- there was a second laboratory annex, 3 a wooden structure, elsewhere on the site, Newcastle 4 Hospital site, which was being used for the infectious 5 disease testing, at that time hepatitis B and 6 syphilis, but also had a facility for producing 7 cryoprecipitate. 8 Then there was a second hut which housed the 9 donor services department, where all the donor records 10 were kept. 11 So when you look at it, it -- to me, even then, 12 it was a very old-fashioned set-up, a little bit sort of cobbled together with these sheds, these huts, and 13 14 the basement facility. 15 The laboratory equipment was generally old, and 16 laboratory benching -- by today's standards, you know, 17 one would be horrified at the wooden benches and 18 people actually brewing up tea in a laboratory, 19 I recall. 20 The other facility was a garage housing the 21 vehicles. The vehicles were old, not in great 22 condition. Some of them the refrigeration systems 23 were very basic as well for transporting the blood. 24 So it was ... [frozen screen] ... in the 1980s. Q. Again, I'm afraid we lost a few seconds then, 25 82 A. No, say it again? 0101? 1 2
- MS RICHARDS: Sorry, we're just having to reload it on to
- 3 our system here, Dr Lloyd. NHBT0101335\_052.
- 4 A. 052. Is that going to come up for me?
- Q. It should come up on the screen in front of you, 5
- 6 Dr Lloyd. Can you see it now? It should be displayed 7 on the screen on which you're talking to me?
- 8 A. Yes, it has. Okay. Right, I --
- 9 Q. It should now be in front of you. So it's a letter --
- 10 A. Yes --
- 11 Q. -- from you, June 1987 to the regional scientific
- 12 officer at the Regional Health Authority. I needn't
- 13 trouble you with most of the letter, I just wanted to
- pick up something on page 3, please, Sully, bottom 14
- 15 half of the page.
- 16 Sorry, we're having our own problems with
- 17 documents here, Dr Lloyd.
- 18 I actually only need a single sentence, so what
- 19 I'm going to do --
- 20 SIR BRIAN LANGSTAFF: We're there, I think.
- MS RICHARDS: I might just read it. 21
- SIR BRIAN LANGSTAFF: It is there, it is up. 22
- MS RICHARDS: It's not on my screen. 23
- 24 SIR BRIAN LANGSTAFF: Well, it is on mine.
- 25 A. I do have the document in front of me, page 3, so

1		nlease do abead
2	MS	please go ahead. RICHARDS: I'll read it. My screen is not working,
3		although if everyone else's is, that's fine. I've got
4		a hard copy.
5		The paragraph towards the bottom of the page
6		beginning:
7		"Finally, the concept introduced"
8	A.	Yes, I have it.
9	Q.	" that the Centre was designed and commissioned for
10		200,000 donations per annum shows a lack of
11		understanding of current blood transfusion practice."
12		This was the sentence I wanted to ask you about:
13		"The original submissions for this building of a
14		new Transfusion Centre was made in the 1960s, at which
15		time 200,000 donations seemed appropriate. When this
16		Centre was actually planned, transfusion practice had
17		changed dramatically, but to avoid major delays it was
18		decided not to make a new submission to the DHSS.
19		A decision was made to go ahead and build within the
20		confines of the original schedule of accommodation."
21		Now, as I understand it
22	Α.	Yes.
23	Q.	the service moved in 1985 to a new purpose-built
24		centre but do we understand from this that it was
25		a purpose-built centre based upon designs and thinking
		85
1		understand does give a slightly strange impression of
2		the building.
		-
3	Q.	We can take that down, thank you.
4	Q.	We can take that down, thank you. Do you have any knowledge of why, it apparently
	Q.	-
4 5 6	Q.	Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took
4 5 6 7		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised?
4 5 6 7 8	Q. A.	Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind
4 5 7 8 9		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that
4 5 7 8 9 10		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to,
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4 5 7 8 9 10 11 12 13 14 15 16 17		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have been, that Sheila Murray was pushing for a better
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A.	Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have been, that Sheila Murray was pushing for a better facility to produce particularly cryo.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have been, that Sheila Murray was pushing for a better facility to produce particularly cryo. If I can ask you next to look at and again it
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A.	Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have been, that Sheila Murray was pushing for a better facility to produce particularly cryo. If I can ask you next to look at and again it should, I hope, come up on the screen in front of
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q.	Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have been, that Sheila Murray was pushing for a better facility to produce particularly cryo. If I can ask you next to look at and again it should, I hope, come up on the screen in front of you TYWE000052_005.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A.	Do you have any knowledge of why, it apparently having been identified in the 1960s, that there was a need for a purpose-built proper centre, why it took until the mid-1980s for that to be realised? No, I have no idea. The only thing that comes to mind is one of the documents that you submitted in that final group was a document from Dr Sheila Murray to, I think, Mark Sackwood, the Chief Medical Officer at the RHA, in which she discusses issues of introducing more plastic bags and producing more cryoprecipitate. So maybe that was a time when there was a sudden push to produce more cryoprecipitate and, also, you know, platelet transfusion was presumably starting to become a possibility, but maybe that was a bit later. So it may have been, and I only say may have been, that Sheila Murray was pushing for a better facility to produce particularly cryo. If I can ask you next to look at and again it should, I hope, come up on the screen in front of

1		from decades previously?
2	Α.	No, that's not quite the case. I think in this
3		document and this paragraph, what I'm saying is the
4		Regional Health Authority to allow themselves to go
5		ahead and build a new centre at that time, what they
6		felt was fairly quickly, they didn't want to go back
7		and make a whole new submission to the DHSS.
8		So they went ahead using the original envelope
9		of the submission, but what was produced internally
10		had no bearing on the original I never saw the
11		original submission, but the new building was, to my
12 13		mind, well built. I thought the design was very good.
13 14		There were a few little bits you could argue about
14 15		but, in general, it was well built, well designed.
16		The architects spent a lot of time on trying to
10		make sure that the flow of people and materials within the building were logical. They grouped departments
18		next to each other where material was required to move
10		between them. So, for instance, the donor services
20		department which didn't actually handle the physical
21		you know, the material, the blood, was on an upper
22		floor. The dispatch department was fairly close to,
23		you know, the loading bay.
24		So my feeling was that it was well designed, it
25		was up to date and this particular phrase I can
		86
1	Q.	Don't worry, it should, I hope, come up on ours
2	ч.	shortly.
3	A.	and it hasn't come up on the screen yet.
4	Q.	Our document system is struggling today. TYWE
5	Α.	Yeah, I did yeah.
6	Q.	Ah, it should I hope be on the screen in front of you
7		now, Dr Lloyd, on our screen?
8	SIR	BRIAN LANGSTAFF: It is on mine.
9	A.	Oh yes, this is one of
10	MS	RICHARDS: Dr Collins's letters.
11	A.	one of these poorly legible.
12	Q.	Yes, it is. I'll read out the relevant passages. So
13		it's from Dr Collins, it's dated 3 October 1986.
14	Α.	Yes.
15	Q.	So, by this time, the service has moved into the new
16		centre. It's addressed to Dr Donaldson
17	Α.	Yes.
18	Q.	the Regional Medical Officer at the Northern
19		Regional Health Authority, and I'm just going to read
20		out the first four paragraphs.
21		"Dear Liam
22		"Your letter of 24th June requested
~~		rour letter of 24th June requested
23		a comprehensive survey of modern Blood Transfusion
23 24		a comprehensive survey of modern Blood Transfusion medicine, as well as complex information not readily
23		a comprehensive survey of modern Blood Transfusion

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1		systems. Getting it out is very laborious.
2		"As you are aware, we are understaffed at senior
3		level and now have no purely scientific staff. This
4		means that the increasingly complex clinical and
5		scientific problems have to be handled largely by
6		myself. Being virtually single handed during the
7		summer I have not had sufficient time to devote to
8		this report.
9		"However, Dr Lloyd has rejoined us on the Senior
10		Registrar rotation and is well experienced in the
11		workings of the centre from within and also as a user
12		of the Service.
13		"I have discussed all these matters with him and
14		he has been working hard compiling this preliminary
15		report."
16		The question I want to ask you rising from this
17		document is really about the staffing situation by
18		this time, 1986, and you obviously then returned full
19		time to the Centre in 1977. What do you recall about
20		the staffing problems that Dr Collins is referring to
21		here.
22	Α.	The problems, I think, were quite significant. Anne
23		Collins, as the director, I don't think there was
24		no other full-time consultant. There was some
25		clinical assistants I think they called them
		89
1	A	antenatal laboratory.
2	A.	Yeah.
2 3	A. Q.	Yeah. Then if we go to the next page, I wanted to ask you
2 3 4		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood":
2 3 4 5		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for
2 3 4 5 6		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year
2 3 4 5 6 7		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities
2 3 4 5 6 7 8		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned
2 3 4 5 7 8 9		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'.
2 3 5 6 7 8 9		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons:
2 3 4 5 7 8 9 10 11		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has
2 3 4 5 6 7 8 9 10 11 12		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available.
2 3 4 5 6 7 8 9 10 11 12 13		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it
2 3 4 5 6 7 8 9 10 11 12		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available.
2 3 4 5 6 7 8 9 10 11 12 13 14 15		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of
2 3 4 5 6 7 8 9 10 11 12 13 14 15		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and massage haemorrhage."
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and massage haemorrhage." Then there are "Comments", four comments:
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and massage haemorrhage." Then there are "Comments", four comments: "(i) Pressure of reduced whole blood supply will
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and massage haemorrhage." Then there are "Comments", four comments: "(i) Pressure of reduced whole blood supply will force some change in use.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and massage haemorrhage." Then there are "Comments", four comments: "(i) Pressure of reduced whole blood supply will force some change in use. "(ii) Education at hospital clinical meetings
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		Yeah. Then if we go to the next page, I wanted to ask you about this next section. So headed "Whole Blood": "This region has a relatively high demand for whole blood. There are many periods during the year when whole blood is not available in the quantities requested, despite some whole blood being returned 'out-dated'. "Reasons: "(a) Previous patterns of use. Whole blood has tended to be freely available. "(b) Many surgeons and anaesthetists find it easy to have whole blood available for operations. Plasma blood is available in most cases. "(c) Hospital blood banks maintain stocks of whole blood for emergency use for major trauma and massage haemorrhage." Then there are "Comments", four comments: "(i) Pressure of reduced whole blood supply will force some change in use. "(ii) Education at hospital clinical meetings may help accelerate the changes.

1 clinical assistant grade -- but their ability and 2 their knowledge range was extremely limited. So 3 really, she was working very much on her own. The 4 support from the others there at the time, the other 5 medical staff was really -- didn't touch on what I would call significant clinical issues or the, sort 6 7 of, management of the Centre. 8 So yes, she had a difficult time. Very little 9 support. Q. Then if we look at a report which may, I think, have 10 been the report produced that's referred to in this 11 12 letter. It's NHBT0101 --I can tell you, NHBT -- (overspeaking) --13 Α. 14 Q. -- 332 045. 15 A. 332 -- that is the one, you're correct. 16 Q. Good. So hopefully it will come up on the screen again in the not too distant future. 17 Yes, NHBT0101332\_045. Thank you. 18 19 So we can see there a page which has various 20 sections set out. If we go over the page, we can see 21 section 1 is "Major products and services provided by 22 the Northern Regional Transfusion Centre", and then we 23 can see it's red cell products, fresh plasma products, 24 time expired plasma, platelet concentrates, reagents, 25 and then reference to the transfusion laboratory and 90 1 the level of requests. 2 "(iv) Optimal additive red cells provided 3 acceptable alternative to whole blood in most 4 instances." 5 Then you go on in the next part of the document 6 to talk about the optimal additive red cells. 7 What essentially was the issue here that you 8 were recounting in 1986 about the use of whole blood? 9 A. Well, if you looked at the amount -- the percentage of 10 donations that we produced that were issued as whole blood, it was high compared to other parts of 11 12 the country. 13 I had a chance to look at some figures from elsewhere around the country so I was aware that we 14 15 were, if not at the top, very close to it. I think we 16 probably were the highest issuer of whole blood, and 17 that sort of seems to go back -- when I was in the old 18 centre in the early part of the 1980s, the laboratory 19 manager always pushed very hard for us to -- for whole 20 blood. To the extent that the Centre production staff 21 were sometimes unoccupied because blood that was 22 expected to be converted was not being converted, it 23 was being left as whole blood. 24 It was a strange situation. We were collecting 25 blood into multiple bag packs designed for producing

(23) Pages 89 - 92

## The Infected B

1		multiple components, and yet we left it as whole	
2		blood, clipped off the extra blood packs and threw	
3		them in the waste.	
4		So there is a long history in this Centre of	
5		using whole blood, issuing it. And if you look at	
6		that, the Centre really, I don't think, had an	
7		opportunity to discuss these issues with the	
8		hospitals. But also, most many to the hospitals	
9		outside sort of the two bigger centres, sort of like	
10		Newcastle, had no haematologist. The blood bank and	
11		haematology was operated by was overseen by	
12		a pathologist. So that was not their specialty. And	
13		there was a big push by Professor William Walker at	
14		the Royal Victoria Infirmary to get haematologists	
15		into all the hospitals in the region and that was	
16		successful.	
17		So it would have been hard to make a change at	
18		that time and we were putting out lots of whole blood.	
19		A second point, and that comes up in another	
20		article another document, is that and I think it	
21		was from Anne Collins that we are trying to produce	
22		blood optimal additives or sometimes referred to as	
23		SAG-M, saline-adenine-glucose-mannitol, the optimal	
24		additive, saying you don't give us you have the	
25		money to produce this product on a regular basis.	
		93	
1		"Has been unable to initiate discussions on	
2		plasma supply with RHA. Could not in any case	
3		increase supply in present premises. New RTC should	
4		open in 1985/6."	
5		Then:	
6		"Confidence in achieving target.	
7		"Not hopeful of obtaining necessary funding."	
8	A.	Yeah.	
9	Q.	So that would suggest	
10	Α.	I'd say that if I might say, there is another	
11		document where Dr Collins specifically mentions	
12		the problem of erratic supply of optimal additive, or	
13 14		SAG-M, so there is another document, and I'm sorry	
14 15		I can't remember it, but I have seen it. So yes,	
16	Q.	there's more than one reference to this problem. And then if we pull up CBLA0002392.	
17	Q. A.		
18	A. Q.	Oh, yes. And if we could go to page 165, please, Sully.	
10 19	હ.	This is a document you drew attention to in	
20		a recent addendum to your statement, Dr Lloyd.	
20		So we've got table 11:	
22		"Number of units of red cell products made	
23		in 1985/86."	
23		Then if we look at the regions on the left-hand	
25		side, as I understand it region B is the Northern	

lood	Inc	quiry 8 February 202
1		This product is a good alternative to whole blood, but
2		if we can't produce it on a regular basis, on
3		a consistent basis, then the individual hospital users
4		are not going to change over to it.
5		So we had a sort of a little bit of
6		a chicken-and-egg situation there. And so yes, it was
7		a lot of whole blood, and the demand appeared to be
8		there but that's possibly because the education hadn't
9		filtered through that whole blood is not a good
10		product for many patients.
11	Q.	Just picking up
12	A.	I hope that answers your question.
13	Q.	Absolutely. Just picking up your reference to the
14		document from Anne Collins, CBLA0001800, please,
15		Sully.
16		This is a report by Dr Gunson. If we go to the
17		second page if we just go a little closer, please,
18		Sully, into the table.
19	A.	I know the document.
20	Q.	So we've got the reference there: Northern Regional
21		Transfusion Centre:
22		"1984-5
23		"- Does not expect to separate more plasma than
24		1983/4. Cannot obtain finance for SAG(M)."
25		And then "1985":
		94
1		Region, is that right?
2	A.	In this table. It's different in different tables.
3		So you can't use B across everything.
4	Q.	Well, that's useful to know, thank you, Dr Lloyd.
5		And we can see there highlighted for us on the
6		screen the relevant figures, which show, if we look at
7		the figure under the heading "SAG(M)" a very
8	Α.	Compared to most of the other centres.
9	Q.	Exactly, a very modest use compared to the other
10		centres.
11	A.	You know, it's not only a modest use, it is
12		emphasises the fact that you couldn't provide this
13		product on a regular basis. If you only make 2,000 in
14		a year, you can't offer it as an alternative to
15		whole blood.

- 16 Q. And if we go two pages further on, please, Sully, to 17 page 167.
- 18 This is the second table you referred into your
- addendum statement, Dr Lloyd. Table 13. I think this 19
- 20 is -- region B is still the Northern Region in this
- 21 table, and we can see there the percentage --
- 22 A. Yes, a little group.
- 23 Q. Yeah, "Percentage of Red cell products issued", and we

96

- 24 see there, with the exception of region J, which is
- 25 apparently not offering any --

(24) Pages 93 - 96

1 2 "There has been no significant change in total

usage of this product."

			The fille
1	A.	Yes.	
2	Q.	the Northern Region is offering a modest amount	
3		indeed compared to	
4	Α.	2 per cent.	
5	Q.	other Centres.	
6	Α.	Yes, region J was East Anglia for some reason.	
7		I don't know why they didn't use optimal additive.	
8	Q.	Then I'll come back to how things changed in due	
9		course, Dr Lloyd, but I'm just trying to get a sense	
10		of what things were like in the first half of the '80s	
11		through to sort of 1986 or thereabouts.	
12		Sully, could we go back, then, to	
13		NHBT0101332_045.	
14	Α.	What page would you like to look at on that?	
15	Q.	Page 8, please.	
16	Α.	Yes.	
17	Q.	In this report, Dr Lloyd, I'm saying this for the	
18		benefit of others, really, you give a snapshot of the	
19 20		position in relation to the range of different	
20		products used. I'm not going to go through the detail	
21 22		of it but I mention that so that others listening can	
22		look as appropriate. But I just wanted to pick up the figures in	
23 24		relation to cryoprecipitate at the bottom of the page.	
25		You say there:	
20		97	
		31	
1		seems likely that orthopaedic surgery will increase	
2		again as arrangements are made to carry out surgery on	
3		HIV/HTLV III positive patients."	
4		Then we've got the figures for the Royal	
5		Victoria Infirmary's cryoprecipitate use for that same	
6		period, 1982 to 1985 and we can see there the reduced	
7		usage. Then, if we just go a little further down the	
8		page, under the heading "Major Users of Cryo", we then	
9		see the other users: Middlesbrough Group, QEH and	
10		North Tees.	
11		I'll come back and ask you a little more about	
12		issues relating to the Haemophilia Centre in a little	
13		while, Dr Lloyd.	
14		Can I then, just in terms of an overview of the	
15		Centre's work, pick things up with an inspection	
16		report in 1989. NHBT0006234, please, Sully.	
17		I'll just get my own copy.	
18		So we can see the date of the inspection by the	

2		usage of this product.
3		Then we've got the figures from 1982 to '85.
4		The units showing a fall in '83, a slight rise again
5		in '84, and then a slight rise again or a further rise
6		in '85. But not a huge variation.
7	A.	There was those numbers the differences in those
8	Λ.	numbers are not significant. I mean, they are very,
9		very small differences in the overall picture. And
10		I think even if you I did present a chart with some
11		other years and again, for quite a period we were
12		running along at around that[frozen screen]
13	Q.	I'm sorry, you froze again, Dr Lloyd. The last we got
14		was you said, "for quite a period we were running
15		along at around that"?
16	Α.	Around about 5,000. So it stayed at about that level
17		over quite a long period of time.
18	Q.	If we go to the top of the next page or the first half
19		of the next page, we can see it says:
20		"This, however, hides an underlying trend. The
21		major users were the haemophilia units at Newcastle
22		and Middlesbrough. The use of cryo at the [Royal
23		Victoria Infirmary] fell significantly in 1983 and
24		1984, probably due to a reduction in surgery on
25		haemophiliacs due to HIV/HTLV III positivity. It
		98
1		"The Northern Regional Transfusion Centre is
1 2		"The Northern Regional Transfusion Centre is housed in a purpose-built building, opened in 1985
		housed in a purpose-built building, opened in 1985
2 3		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly
2 3 4		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly 3.1 million over a wide geographical area, collecting
2 3 4 5		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly 3.1 million over a wide geographical area, collecting around 120,000 donations annually and employing
2 3 4 5 6		<ul> <li>housed in a purpose-built building, opened in 1985</li> <li>"The Centre serves a population of nearly</li> <li>3.1 million over a wide geographical area, collecting around 120,000 donations annually and employing a staff of 220."</li> </ul>
2 3 4 5 6 7		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly 3.1 million over a wide geographical area, collecting around 120,000 donations annually and employing a staff of 220." Then we have the staff list there set out. I'm
2 3 4 5 6 7 8		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly 3.1 million over a wide geographical area, collecting around 120,000 donations annually and employing a staff of 220." Then we have the staff list there set out. I'm not going to go through the details of that.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly 3.1 million over a wide geographical area, collecting around 120,000 donations annually and employing a staff of 220." Then we have the staff list there set out. I'm not going to go through the details of that. If we go over the page, to page 4, we've got a list of the products being produced as at for the period April '88 to March 1989. Then, under the heading "Inspection", I just want to pick up a handful of points with you there. It says: "There is a plasmapheresis clinic in the Centre equipped with 8 Haemonetics machines, the donor panel currently numbering around 1000. However, apart from very occasional walk-ins, normal donations are not collected at the Centre and all normal donor sessions are mobile. A visit was made to a mobile session held in Whikham Community Association Hall." Then the next paragraph tells us that: "Donor records are not computerised, the 101 card system still being used", and there is then
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		housed in a purpose-built building, opened in 1985 "The Centre serves a population of nearly 3.1 million over a wide geographical area, collecting around 120,000 donations annually and employing a staff of 220." Then we have the staff list there set out. I'm not going to go through the details of that. If we go over the page, to page 4, we've got a list of the products being produced as at for the period April '88 to March 1989. Then, under the heading "Inspection", I just want to pick up a handful of points with you there. It says: "There is a plasmapheresis clinic in the Centre equipped with 8 Haemonetics machines, the donor panel currently numbering around 1000. However, apart from very occasional walk-ins, normal donations are not collected at the Centre and all normal donor sessions are mobile. A visit was made to a mobile session held in Whikham Community Association Hall." Then the next paragraph tells us that: "Donor records are not computerised, the 101

100

the heading "Introduction", we can see here the move

Medicines Inspectorate was July 1989, so you were, by

If we can go, please, to page 3, Sully. Under

this time, in post as director and we can see it's

inspection was March 1987.

has taken place:

a routine reinspection and the date of the previous

19

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21

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23

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25

(25) Pages 97 - 100

		•
1		"If a donor reports having had a recent illness
2		or course of medication, brief notes of this are
3		written onto a page of a duplicate notebook, alongside
4		the [donor] number, and at the end of this session,
5		this sheet, known as the 'Illness Sheet', accompanies
6		the blood to the Blood Components section, where it is
7		used to identify unsuitable donations."
8		Can you just tell us a little bit more about how
9		that latter procedure operated: the illness sheet and
10		identifying unsuitable donations?
11	A.	Sorry, I lost that little piece.
12	Q.	So, in relation to the procedure described in that
13		paragraph I just read out, the completion of the
14		illness sheet and then its use to identify unsuitable
15		donations, how did that work in practice? Who would
16		identify them as unsuitable and what kind of
17		information would lead to that conclusion?
18	A.	Okay, this was the I mentioned this earlier in my
19		evidence today that at the sessions there was
20		a book, as it mentions here, a duplicate book, and if
21		there was something that sort of fell outside the
22		normal or the that the clerk, who was clerking them
23		in wasn't, sure about, that information would be
24		written on the illness sheet, and if one of the donor
25		attendants or the team leader or, indeed, the medical
		101
1		But this is how it had worked for I mean,
2		that illness sheet book, that duplicate book, they had
3		been in use for years, and years, and years. That's
4		how it worked.
5	Q.	Then if we can go to page 9 of this document, I just
6		want to ask you about another aspect of the Centre's
7		operations. So under the heading "Despatch":
8		"Orders for blood and products are generally
9		telephoned in to the Despatch department but there is
10		also a 'milk run' of set journeys to a number of
11		hospitals. Telephoned orders are first noted onto

12 a piece of scrap paper and then transcribed onto
13 an official order form."
14 Then it goes on to talk about the orders being
15 put together, the donation numbers, et cetera, all
16 recorded manually "in the Blood Issues

- 17 Request/Despatch Book. There is a system of using18 different coloured ink for each type of product but
- this not always adhered to."
  Then if we just go to the fourth paragraph, we
  can see there it explains what happens with returned
  packs:
- 23 "... (of which there are many) are logged into24 a Returns book ..."
  - Then it says:

25

		,,
1		officer at the session felt there was some piece of
2		information about which they weren't sure[frozen
3		screen] written in this illness sheet, it came back
4		to the Centre.
5		Then every morning, the next morning after the
6		day's sessions, the illness sheets were passed to one
7		of the medical staff whose job it was to go through
, 8		all the illness sheet information, compare it to the
9		known criteria for donation, in some cases to put the
10		donation on hold while further enquiries were made of
10		the donor's general practitioner. Sometimes there'd
12		
		be, you know, if it was a more junior member of staff
13		doing it, they might refer it to perhaps myself or
14		Dr Collins.
15		So a decision was made whether or not that
16		donation was suitable. Sometimes the donation was
17		considered suitable for plasma but not for red cells.
18		It varied. Unfortunately, there were it highlights
19		an issue that we tried to deal with later which was
20		that we were taking donations from people where we
21		weren't sure if their donations were going to be
22		suitable for full use, which we felt later when we
23		came to this issue, we tried to change that round and
24		say we shouldn't take a donation from someone unless
25		we're sure that their donation is suitable for use.
		102
		102
1		
1 2		" the task of tracing the fate of
		" the task of tracing the fate of an individual pack would be extremely laborious and,
2 3		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible."
2 3 4		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously
2 3 4 5		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes
2 3 4 5 6		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process,
2 3 4 5 6 7		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside
2 3 4 5 6 7 8		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set
2 3 4 5 6 7 8 9	Δ	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals
2 4 5 7 8 9	A.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm.
2 3 4 5 6 7 8 9 10	A. Q.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the
2 3 4 5 6 7 8 9 10 11 12		" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned
2 3 4 5 6 7 8 9 10 11 12 13	Q.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned in or did it give rise to shortages?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned in or did it give rise to shortages? The telephoned orders, requests for blood, didn't specifically give rise to shortages. The shortages
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned in or did it give rise to shortages? The telephoned orders, requests for blood, didn't specifically give rise to shortages. The shortages were more of a structural issue with the way that the Centre was you know, how much the Centre was producing. So the[frozen screen] Sorry, Dr Lloyd, you froze again? throughout the day but also in the evenings yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned in or did it give rise to shortages? The telephoned orders, requests for blood, didn't specifically give rise to shortages. The shortages were more of a structural issue with the way that the Centre was you know, how much the Centre was producing. So the[frozen screen] Sorry, Dr Lloyd, you froze again? throughout the day but also in the evenings yes. Not your fault at all. You were telling us that it
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. A.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned in or did it give rise to shortages? The telephoned orders, requests for blood, didn't specifically give rise to shortages. The shortages were more of a structural issue with the way that the Centre was you know, how much the Centre was producing. So the[frozen screen] Sorry, Dr Lloyd, you froze again? throughout the day but also in the evenings yes. Not your fault at all. You were telling us that it was a structural issue with the way the Centre was
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. A. Q.	" the task of tracing the fate of an individual pack would be extremely laborious and, in some cases, impossible." Can I just again, this is obviously pre-computerisation and we'll come on to the changes that were made over the following years. The process, first of all, of dispatching products, leaving aside the milk run, which presumably was essentially a set of standing orders to different hospitals Mm-hm. to what extent were you able to deal with the <i>ad hoc</i> orders for blood and products being telephoned in or did it give rise to shortages? The telephoned orders, requests for blood, didn't specifically give rise to shortages. The shortages were more of a structural issue with the way that the Centre was you know, how much the Centre was producing. So the[frozen screen] Sorry, Dr Lloyd, you froze again? throughout the day but also in the evenings yes. Not your fault at all. You were telling us that it was a structural issue with the way the Centre was how much the Centre was producing.

## The Infected Blo

1		described as the "milk run", although that's not
2		a phrase I ever heard any of our staff use. The
3		orders that came in for ad hoc were promptly,
4		dispatched whether it was during the day or whether it
5		was in the middle of the night. They didn't
6		specifically of their own give rise to shortages.
7		What I can say is, and this is also touched on
8		in the records storage report prepared by the CMO
9		office, DHSS, and you have a copy of it, it's
10		a rambling report but it does say that hospitals that
11		they went to often exaggerated the demand
12		exaggerated their order because they knew that their
13		transfusion centre would issue less than the amount
14		they'd asked for. And that was absolutely classical
15		of the Newcastle Centre; people ordered twice as much
16		as they wanted, as they needed, because they knew
17		their order would get cut back, and then one day they
18		would make that large order and it wouldn't be cut
19		back, because there happened to be enough of it
20		around.
21		So it was a very poor system, a lack of
22		cooperation perhaps not cooperation, a lack of
23		understanding between both sides. And that was one of
24		the things we did try and change, was to say our job
25		is to issue what you asked for, not issue what we
		105
1		RDL in Eletroe. So yes, there was a lot of . Ifrozon
1		BPL in Elstree. So yes, there was a lot of[frozen
2		screen] was the regular delivery runs, which
2 3		screen] was the regular delivery runs, which I think I only say I think well, particularly
2 3 4		screen] was the regular delivery runs, which I think I only say I think well, particularly for the hospitals outside Newcastle, were pretty much
2 3 4 5		screen] was the regular delivery runs, which I think I only say I think well, particularly for the hospitals outside Newcastle, were pretty much a fixed quantity of each blood group. To the extent
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31000	d Inc	quiry 8 February 2022
1		think you should have.
2		So, yes, it was a difficult time, and it
3		required a lot of change to move from it.
4		Your other issue is that was brought up on
5		this is, of course, that everything was manually
6		recorded, and everything virtually everything in
7		that Centre was manual.
8	Q.	Then the paragraph I read out relating to returned
9		packs included the phrase in brackets "of which there
10		are many".
11	Α.	Yes.
12	Q.	Is that accurate, and why were there many? Was that
13		a feature of people asking for more than they needed?
14	Α.	I'm not sure I can give you a definitive answer on
15		that. There certainly were many. The amount of blood
16		that was returned to the Centre unused was
17		considerable. It dropped off later, I think, as
18		demand increased and supply didn't increase a lot, and
19		also with better arrangements between the Centre and
20		the hospitals.
21		But if you go back into the 1960s and 1970s, you
22		see vast quantities of blood being returned from
23		hospitals unused. You know, thousands of units were
24		being returned unused, which was why the Centre spent
25		a lot of time collecting outdated plasma to be sent to
		106
1		recall not being able to trace it.
2		I mean, this is a report from an inspector.
3		What I would say is that although the Centre had an
4		incredibly manual system, it was a system that had
5		been in place, you know, from almost time immemorial,
6		if I might say, and so people did know how to use it.
7		It was slow. It was slow. I mean, it could
8		take you days to find out what had happened to
9		a donation. What we did have more of was donors who
10		would phone in after they'd donated, perhaps a week
11		later, and say, "Look, I've come down with a cold", or
12		something, and you would try and you needed to
13		retrieve that donation, which had been issued perhaps
14		in two or three parts to hospitals. It could take,
15		you know, a couple of days to actually trace that
16		going back through manual records.
17		But I think it was[frozen screen]
18	Q.	I'm sorry, Dr Lloyd, we lost a few seconds again.
19		You said it could take you a couple of days to
20		trace going back through the manual records?
21	Α.	Yes, and it was difficult, it was slow, and obviously,
22		as it says there, extremely laborious. But it was
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24  $\,$  Q. Now, we saw from the beginning of this document that

there'd been an inspection in 1987. This was

23

25

possible.

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## The Infected Blo

			men
1		a routine re-inspection in '89. Do you have any idea	
2		whether there had been inspections in the first half	
3		of the 80s, and if so, how frequently they'd taken	
4		place?	
5	A.	No, I have no recollection of previous inspections.	
6		The '87 one maybe I wasn't in the Centre but	
7		I certainly don't recall it. And of course, we have	
8		to recognise that this was at a time when the Health	
9		Service operated under crown immunity, and therefore	
10		whatever the inspector might have said or might have	
11		recommended, there was no sort of requirement on the	
12		centres for or their management, in this case the RHA,	
13		to actually get things changed.	
14		So yes, we do you know, it is I don't	
15		recall them inspecting before, but obviously, as they	
16		said, they had.	
17	Q.	You tell us in your statement, it's WITN6935001,	
18		page 11, so it'll be on your screen, Dr Lloyd. You	
19		tell us there	
20	Α.	Okay.	
21	Q.	about the introduction of the Blood Management	
22		Computer Network System. I'm not going to ask about	
23		the details of that because you very helpfully set it	
24		out in your report, and the Blood Donor Management	
25		System, and then the CDIC.	
		109	
1		that they might be able to help us and we I, in my	
2		humble opinion, yes, it helped.	
3	Q.	Now one of the	
4	А.	And if you want to know more about it	
5	Q.	No, I think that's fine, thank you. We can take that	
6	ч.	down, thank you, Sully.	
7		Your statement tells us you made a number of	
8		-	
		organisational changes to the Centre as director.	
9		I'll pick up one in relation to donor services later	
10		but there's just one I wanted to pick up now. That	
11		was the testing of donations for infectious diseases,	
12		consolidated through the usage of a single	
13		manufacturing system. Now, we'll talk about	
14		hepatitis C screening and its introduction at a later	
15		stage of your evidence probably tomorrow, but in broad	
16		terms what was this single system, and what was its	
17		advantage in your view?	
18	Α.	Okay. Before we introduce that, we were testing	
19		you know, for hepatitis B and HIV, and there were two	
20		different systems. So we were using completely	
21		different mechanics, equipment, for each test. That	
22		gave rise to data transfer issues, so you now have to	
23		develop two systems of data transfer, two systems of	
24		data validation, two systems of authorisation of the	
25		transfer of records into your main system.	
		. ,	

Blood Inquiry 8 February 2		
1		At the bottom of the page, you explain that you
2		asked Birmingham University Health Services Management
3		Group to carry out an assessment of the management of
4		the Centre and develop a programme of predominant
5		development.
6		What had prompted you to ask for that
7		assessment, and what, again, in broad terms, was it
8		designed to address?
9	Α.	Well, you have to understand that, you know, myself
10		and, you know, I had a medical training. None of my
11		training included anything on how to manage, which
12		was, you know, a shame. And I became director quite
13		suddenly. There was no opportunity to take any
14		additional sort of training courses. I started to
15		read quite extensively on how to manage, and
16		management issues, and I think together with my senior
17		managers we realised that we did need to improve what
18		we were doing. We needed to become more professional
19		in how we operated and so the I had been to
20		a two-day a weekend course arranged for new
21		consultants, arranged by the Regional Health
22		Authority, presumably when I first became
23		a consultant, and they that little course was run
24		by the people from Birmingham University. And so
25		I sort of knew what sort of style they had, and felt
		110

1	You also have a training issue. You now have to
2	train your staff on two different systems. You have
3	to I mean, it goes on. I keep saying two. But
4	whenever you're using two different sets of equipment
5	it gives rise to a multiplicity of issues. You have
6	to do everything twice. Your quality control is going
7	to be different, your quality assurance programme for
8	it is going to be different, your training is going to
9	be different. It makes it more difficult for staff to
10	change between one machine, one test and another.
11	So we moved to a single system offered by the
12	Abbott Plc, I think the official company we dealt with
13	was based in Germany, but it's an American corporation
14	and they produced equipment which had a much higher
15	level of automation than the equivalent other
16	companies offered. So it integrated a lot more of the
17	quality control into the system, automatic pipetting
18	and delivery of samples.
19	But basically they're using the same system to
20	do different tests, and then the test results come
21	together, and they had one module which brought the
22	test results together, which allowed you to do one
23	authorisation process to release the results into the
24	general computer system or wherever.
25	So it gave you a lot of advantages, not only in
	112 (28) Pages 109 - 112

1		mechanics of running it, the training staff	
2		[frozen screen] run systems.	
3	Q.	I'm sorry, Dr Lloyd, we lost you again.	
4		So we last had it when you said it gave you	
5		a lot of advantages, not only in the mechanics of	
6		running it, the training of staff	
7	Α.	And things I've already mentioned. So the quality	
8		control and the single authorisation of results before	
9		they're transferred out for use by the rest of the	
10		system in[frozen screen]	
11		I have to thank the staff who worked there for	
12		really bringing a lot of that to my attention, and	
13		helping recognise that there were some good	
14		alternatives out there.	
15	Q.	Can I then ask you a little about the relationships	
16		that you had with other bodies and organisations. So	
17		first of all, relationship with your Regional Health	
18		Authority. How would you characterise the	
19		relationship that you had or, to your knowledge, your	
20		predecessor had?	
21	Α.	I'll start with my predecessor. Dr Collins did appear	
22		to have difficulty with the Regional Health Authority	
23		and her dealings with it. My understanding from	
24		talking to somebody at the Regional Health Authority	
25		was that they were to some extent unhappy that when	
		113	
1		more senior staff at the Regional Health Authority,	
2		particularly Liam Donaldson now, I think Sir Liam	
3		Donaldson, you know, he understood issues. He did.	
4		He was he understood health care, and I found	
5		that I was able to, you know, we did manage to get	
6		things done. So it became a reasonable relationship.	
7		In the early days there was as I mentioned in	
8		my witness statement, there was a lot of detailed	
9		stuff coming from some of the lower areas levels of	
10		the Regional Health Authority. And some of that got	
11		pretty tedious, asking us to produce flowcharts and	
12		I think something called a Gantt chart, all sorts of	
13		bits and pieces which really I felt weren't necessary	

		5
13		bits and pieces which really I felt weren't necessary
14		to the running of the Centre and weren't helping us to
15		move forward, and there was a lot of detailed stuff.
16		But as time went on, that became less, and part
17		of that was of course the move to separate us out into
18		a clinical agency of the Regional Health Authority.
19	Q.	Now, in terms of relations with other directors of

- 20 Regional Transfusion Centres, you were present at what21 turned out to be the last Regional Transfusion
- 22 Directors meeting in January 1989. It wasn't clear to
- 23 me whether it was also your first meeting as
- 24 a Regional Transfusion Director, I think it might have
- 25 been?

		dany or obtainy 20
1		automated blood grouping was brought in, Anne Collins
2		would not reduce the staff commensurate with that
3		automation.
4		We had dozens of junior at the time called
5		technologists or technicians, which we didn't need
6		once it became automated in that particular
7		department. So I think there was sort of a little bit
8		of a stand-off about that. So I think, you know, she
9		did have difficulties with her dealings with the RHA,
10		and I am sure we will come back to the RHA's view on
11		plasma production later.
12		When I took over, I got along reasonably well
13		with the people at the Regional Health Authority,
14		initially the regional scientific officer, Mr
15		Geoff Whittaker and, as time went on, the Regional
16		Health Authority changed its you know, who I dealt
17		with. I got moved to deal with somebody who dealt
18		with a number of regional services, Mr Tony Garland,
19		I think. I'm not great on names. But I was sort of
20		moved and I got along with them. I wouldn't say, you
21		know, that every communication was wonderful but, you
22		know, we got along quite reasonably and they did seem
23		to start responding to issues that we were able to
24		bring up.
25		And as time went on, I found that some of the
		114
1	A.	It was.
•		

	А.	it was.
2	Q.	So your first last and meeting, and I won't display
3		the minutes because we've looked at them on a number
4		of occasions but you'll recall, and you note it in
5		your statement, it suggests that the decision to
6		disband the meetings was unanimous. Your
7		recollection
8	Α.	Yes.
9	Q.	I think, is different?
10	Α.	Yes, recollection is always a tough thing. Sometimes
11		you recall what you want to recall. But I do note the
12		informal minutes of that meeting, I think, produced by
13		Dr Ewa Brookes, which said that the announcement or
14		the decision to end the meetings was met by universal
15		silence, and that there had been no discussion about
16		ending the meetings. So[frozen screen] myself,
17		you know, my first meeting, I'm the junior, very much
18		the junior, I'm sure I wouldn't have stood up
19		I think you've lost I'm sure I wouldn't have
20	Q.	I can hear you.
21	Α.	I'm sure I wouldn't have stood up and said, "No, don't
22		do this" because, you know, I was (a) I wouldn't
23		have got anywhere because everyone else seemed to be
24		okay with it and, yes, I was very junior, in terms of
25		the number of years that all most of the others had

		т	ł
1		served as[frozen screen] Yes, I probably	
2		acquiesced, let's put it that way.	
3	Q.		
4		was clear, I think, what you were saying.	
5	Α.	Okay.	
6	MS	RICHARDS: Sir, I note the time. I've got couple of	
7		documents I'm going to want to look at, so perhaps do	
8		that after the break?	
9	SIR	BRIAN LANGSTAFF: Yes, okay. That's a good idea.	
10		Let's take a break now, what shall we say, 25 minutes?	
11	MS	RICHARDS: Yes, that would be fine.	
12	SIR	BRIAN LANGSTAFF: So 25 minutes. Let's come back	
13		at 2.40, our time, and that's 9.40, thank you. Your	
14		time.	
15	Α.	9.40.	
16	SIR	BRIAN LANGSTAFF: Let me say to you what I say to all	
17		witnesses at this stage, if I haven't said it	
18		previously, and it's this. You're giving evidence.	
19		You must not talk to anyone until you've finished	
20		giving evidence about the evidence you have given or	
21		anything you think you may be asked to say in evidence	
22		but you can talk about anything else you like.	
23	Α.	I understand that, sir.	
24		BRIAN LANGSTAFF: 9.40.	
25	MS	RICHARDS: Thank you, sir.	
		117	
1		and together with people from the Department of	
2		Health, DHS, DHSS as what it was at different times,	
3		and a representative from the Scottish Blood	
4		Transfusion Service.	
5		And that is I mean that's mentioned by	
6 7		Dr Ewa Brookes in her informal minutes of that meeting	
7		saying, you know, you may come to rue the moment you	
8 9		agreed to this meeting ending.	
9 10		So the National Directorate, to me, had ended up severing certain lines of communication, so that	
10		I don't know how other directors felt but I felt that	
12		I was, sort of fed, you know, small snippets of	
12		information and really didn't have a lot of input; and	

13	information and really	y didn't have a lot of input; and

- sometimes that meant that you didn't understand thecontext of some things that were happening.
- 16 So, yes, the National Directorate, to me, was
- 17 a poorly put together ...[frozen screen]... It could
- 18 have functioned a lot better within the confines of
- 19 what it was given. Sorry, I rambled a bit.
- 20 **Q.** That's quite all right a bit.
- I want to ask you to look at a document which
   was produced by you in March 1991, so approximately
   three years into the life of the National Directorate,
   NHBT0001864. So the document should be on your
- 24 NHBT0001864. So the document should be on your25 screens, Dr Lloyd. It's "Framework for a National
  - 119

1	(2.15 pm)
2	(A short break)
3	(2.40 pm)
4	MS RICHARDS: Dr Lloyd, your arrival as director largely
5	coincided with the creation of the National
6	Directorate. What was your experience of the National
7	Directorate and its ability to coordinate or take
8	decisions?
9	A. Well, if you look at some of the documents that have
10	been submitted in my correspondence with the National
11	Directorate, I think that speaks to the fact that I
12	did not have a very high opinion of that organisation.
13	I felt that they were poor at making decisions. We
14	know from Dr Gunson's own statements that he felt that
15	he had no authority, and that's the case. He was
16	not the National Directorate wasn't set up to have
17	a line of authority.
18	On the other hand, if you had recognised that,
19	you could have worked with people to get agreement,
20	and what we saw, as we mentioned earlier, as you
21	brought up earlier, there was the last of the Regional
22	Transfusion Directors meetings. And, in that in
23	dissolving that meeting, you removed a degree of
24	coordination which would have been possible, bringing
25	all the directors together with the national director,
	118
1	Directorate of the Blood Transfusion Service in the
2	post White Paper Era", and it's dated on page 6
2	A. Right.
4	Q 14 March 1991. You say in the "Introduction" that:
5	"Since the creation of a National Directorate
6	there have been significant changes in the NHS."
7	You describe links with Regional Health
8	C C
	Authorities starting to weaken, and then you say: "That raises the question of a future role for
9 10	a National Directorate."
10	
12	You suggest that: " there is an important and valuable role for
13	[it], covering in particular the areas of information
14	on Transfusion Medicine and Transfusion Management and
14	the provision of a public face"
15 16	Then if we just go to page 4, if we pick it up
10	
17	halfway down the page, under the heading "The
	authority for a National Directorate", just wait until
19 20	we get there.
20 21	SIR BRIAN LANGSTAFF: Are we on the right page?
21 22	A. (Overspeaking).
22	MS RICHARDS: Yes, we're on the right page but we need the

120

Yes, so "The Authority for a National

bottom half of the page.

Directorate".

23

24

25

(30) Pages 117 - 120

1	A.	Oh okay.
2	Q.	You say:
3		"At present the National Directorate is
4		officially working to a brief dating from 1998. That
5		brief is out of date"
6		Then skipping over a couple of lines:
7		"It's long term role appears uncertain unless
8		a clear role can be developed that fits with the
9		current White Paper philosophy."
10		Then you refer to the National Directorate and
11		the CBLA and then, over the page, next page, you set
12		out "A Proposal for the way forward". I'm not going
13		to through the detail of that but just pick it up at
14		the "Summary", bottom half of the page:
15		"A re-definition of the role of the National
16		Directorate, with a clear brief to support the UK
17		Transfusion Centres and to provide cost effective
18		information, public relations and certain coordinating
19		functions is proposed."
20		Now, we know this isn't what happened and, in
21		due course, we have the National Blood Authority,
22		which I'll come on to in a couple of minutes, but what
23		was it that led you to advocate this redefined role
24		for the National Directorate? What were you hoping it
25		would achieve?
		121

1		into on it?
2	Q.	No
3	Α.	Just to say, I was just flying a kite.
4	Q.	We know there was then a consultation on forming
5		a National Blood Authority, and there's a response to
6		that consultation by the Northern Region Blood
7		Transfusion Service at DHSC0004584_039.
8		If we go to the third page, under the heading
9		"Introduction" picking it up in the third paragraph:
10		"In essence the NRBTS believes that strong local
11		management with local accountability provides the best
12		option for the future. This option is outlined in the
13		section 'Preferred future management arrangements'.
14		Central coordination is available through a small
15		organisation operating on behalf of Regional
16		Transfusion Centres."
17		Then the next paragraph:
18		"It is accepted that the strongly independent
19		stance that we would like to take, whilst possibly
20		appropriate for ourselves will not be suitable for
21		a number of Transfusion Centres. It is also accepted
22		that BPL requires more support to survive."
23		Then if we just keep the whole of it on screen,
24		Sully, I think it's fine.
25		The next paragraph:

1	A.	Goodness, yes, I was obviously[frozen screen]
2		I was trying to look for something that didn't
3		require the National Directorate to be completely
4		brief, redeveloped. In other words, you didn't want
5		to have to go to the Department of Health and say, you
6		know, "Create a different beast". So what could the
7		National Directorate do that would deliver, you know,
8		value to the transfusion centres? So I'm looking at
9		certain things.
10		As an individual transfusion centre director,
11		I was obviously heavily consumed in running, you know,
12		what was then a multimillion-pound operation. And the
13		amount of time available to do some of these things
14		was limited. So, you know, the time to travel to, you
15		know, international meetings and get a good
16		understanding of what was going on from around the
17		world, you know, that would have been something that
18		the National Directorate could have done because the
19		National Directorate doesn't have to actually manage
20		anything other than a handful of people in an office.
21		So I was looking for things that they could
22		deliver, which would help the Transfusion Services,
23		and so I think that's sort of where it where I was
24		going. Gosh, it's a long time since I wrote this.
25		I don't know, is there anything else you'd like to dig
		122

1		"We have assessed various options against the
2		standards that we believe appropriate for
3		a Transfusion Service in the United Kingdom"
4		You refer to a proposal put forward by the
5		Transfusion Centre Directors and Managers. Then you
6		say:
7		"The NBA proposal as presented in the
8		consultation paper does not meet our criteria on a
9		number of important points. These are amplified in
10		the section 'Perceived problems in the NBA proposal'.
11		It does however address the national co-ordination
12		question, the need for a national image for the NBTS
13		and the link between the NBTS and BPL. We therefore
14		support the formation of an NBA but believe it should
15		be in the form of revised proposals from the
16		Transfusion Centre Directors & Managers."
17		I'm not going to go through the whole document,
18		Dr Lloyd, but can you tell us essentially what it was
19		that you were proposing and why you were not
20		supporting the idea of an entirely National Blood
21		Authority, essentially a single transfusion service?
22	Α.	Yes. As I said in that document, you know, what we
23		were proposing may not have been entirely appropriate
24		for every transfusion centre. I'm certainly aware
25		that quite a number of transfusion centre directors
		124 (31) Pages 121 - 124

		11	e
1		strongly wanted a central service organisation.	
2		I guess I had found that I had a really good	
3		group of staff in the Transfusion Centre, at many	
4		levels, and we were able to work together to make	
5		changes. And we could make them quickly. Relatively	
6		quickly. Some of them we could make very quickly.	
7		So you can get things done with a good	
8		management team and good staff. You can get them done	
9		locally. Once you become national, particularly in	
10		the early years, you've got an enormous task to try to	
11		bring disparate organisations together. And certainly	
12		from my point of view, and it's mentioned elsewhere,	
13		I didn't really want to be in a position of just being	
14		told what to do.	
15		You know, one was aware that the NBA changed	
16		some of things we did quite quickly, perhaps stupid	
17		things changing telephone systems, you know	
18		which removed direct outside lines into our dispatch	
19		department, apparently. And I quote that from someone	
20		who worked there after I left.	
21		You know, so I'm not a lover of big	
22		organisations, I have to say. I'm not a lover of the	
23		big bureaucracy. So yeah, I pushed for something to	
24		keep us independent, but not [frozen screen]	
25		standards. How you meet them doesn't matter. It's	
		125	
		120	
1		an organisation, this sort of rather unknown	
2		organisation, you know, yes, that gave me the impetus	
3		to put my CV, my résumé out there.	
4	Q.	Now I'm going to ask you next about the relationship	
5	α.	with Haemophilia Centres.	
6		Just before I ask you about that from your	
7		perspective as director of the Regional Transfusion	
8		Centre, can I just come back to the short period of	
9		time you worked at the Haemophilia Centre during your	
10		registrar years.	
11		Do you have any recollection of what Dr Jones'	
12		approach to treatment or treatment philosophies were,	
13		based on your own very short time there?	
14	Α.	Yeah, very short time. I mean he was a great advocate	
15	Ω.	for home treatment. And having, you know, knowledge	
16		of what haemophilia had been like for individuals	
10		prior to the availability of factor concentrate and	
18		then prior to the move to home treatment, you realise	
10 19		that home treatment offered a terrific potential	
20 21		terrific improvement to life. Now we know what	
21		happened. But just the very fact of you know, he wanted	
23		patients to live a more normal life, if they could.	

- 24 So yes, home treatment was, I think, the bedrock of
- 25 what was done at that Haemophilia Centre. But

		dully 01 ebidaly 202
1		meeting the standard. And if you can meet that
2		standard, or exceed it, then that's good. So it's not
3		saying, "Let's just forget about standards and we'll
4		do our own thing", it's, "We'll do our own thing and
5		meet what is appropriate."
6		So yeah, you see me being pretty clear on
7		(unclear).
8	Q.	And I understand from your statement that
9		the establishment of the NBA in the form it ultimately
10		took was a factor in you deciding to leave your post
11		and move on to pastures new?
12	Α.	I have to put it in context. When I became director
13		I had said to myself, and I think I've written that in
14		my witness statement, that I didn't want to stay in
15		that position for too long. One of the reasons for
16		that was that I had met a number of other transfusion
17		centre directors, and sort of felt that perhaps, you
18		know, they'd started off with great ideas and, and so
19		on, but had rather stagnated, and I didn't want to let
20		myself get into that position.
21		So once, you know, by the time the NBA came into
22		[frozen screen] so the combination of my own
23		idea, that I didn't want to stagnate, and the fact
24		that the NBA would really take away my ability to get
25		things done that I wanted to do, and I'd be subject to
		126
4		
1 2		I didn't have time to go into, you know, what his
2		philosophy was and how long he'd gone down that path. So I and after that, it becomes hearsay.
4	Q.	One of the documents in the 80s tell us tells us
5	ω.	that the haemophilia patients in the Northern Region
6		area were all managed from the Newcastle Centre rather
7		than their own more local unit. Do you have any
, 8		knowledge as to why that was the case?
9	A.	I really don't, no. I mean, I know that there were
10		some sub-centres but I don't even really know how they
11		were staffed or managed. It did seem to be that
12		Newcastle was the you know, the Centre that managed
13		and offered management to patients in the whole
14		region.
15	Q.	Now I'm going to look in a moment at a letter that you
16		wrote at the time of the HIV litigation, but before we
17		do that, just in broad terms, as I understand the
18		position, in relation to commercial concentrates, the
19		Regional Transfusion Service had nothing to do with
20		the ordering or stocking or supply of commercial
21		concentrates. That was all dealt with directly by the
22		Newcastle Haemophilia Centre; is that right?
23	Α.	[Frozen screen] Haemophilia Centre and their
24		pharmacy organisation. We did not order, choose,
25		supply any of those commercial products.
		100

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(32) Pages 125 - 128

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1	Q.	In relation to the NHS concentrates, the BPL
2		products and we'll explore issues of plasma supply
3		a little later on but, as I understand it, the
4		Regional Transfusion Centre did have a role there, in
5		the sense it received those products from BPL, and it
6		supplied those products to the Haemophilia Centre?
7	Α.	Yes. Without going too much into semantics, when we
8		say "supplied", I mean that was just an issue of
9		a matter of transferring the product. We had, you
10		know, we had a truck that went down to Bio Products
11		Lab, BPL, with plasma, it came back with finished
12		product, the Factor VIII was put into refrigeration,
13		and then it was for the Haemophilia Centre, the RVI,
14		you know, to collect that product.
15		I don't recall them actually ever ordering it.
16		They didn't sort of say, you know, "Can you supply us,
17		you know, ten boxes", it was a case of "We've got the
18		product from BPL, come and get it".
19	Q.	If we look then at the letter from the time of the HIV
20		Litigation, TYWE0000064, please, Sully. If we go to
21		the second page, it's a letter from you to a Mr Slack
22		of Crutes Solicitors, heading "HIV Litigation", you
23		say:
24		"Attached is a fairly brief set of answers to
25		the questions put by you recently As I only became
		129
4		Cantra Deserves we have a vehicle travelling to
1		Centre. Because we have a vehicle travelling to
2		Elstree carrying raw plasma to that factory, and the
3		van is then returning to Newcastle, we bring back all
4		the Factor VIII and Factor IX allocated to the
5		Northern Region and then despatch it to the
6		Haemophilia Centre. At various times we have held
7		some of this product in stock, awaiting instructions
8		from the Haemophilia Centre to have it sent across.
9		As mentioned elsewhere, there have been times when it
10		has been necessary to remind the Haemophilia Centre
11		that supplies of NHS Factor VIII are available and
12		awaiting collection."
13		Just pausing there in relation to that last
14 45		sentence, Dr Lloyd, you refer in your statement to
15		Dr Collins showing you boxes of Factor VIII in
16 17		a walk-in fridge that Dr Collins told you the
17		Haemophilia Centre was reluctant to take; is that
18 10		right?
19	Α.	Yes, that's correct, and I think you have also
20		supplied a document which is a letter from Dr Collins
21		to Dr Jones, in which I think she uses the phrase
22		"embarrassingly large supply that hasn't been
23	~	shifted".
24	Q.	Yes and we well just look at that
25	Α.	(Overspeaking)

1 Director/General Manager in late 1988 my involvement 2 with, and hence knowledge of, certain aspects of this 3 Litigation is limited." 4 You then refer to having gone a through large 5 quantity of files created by Dr Collins and some files 6 dating back to Dr Murray, and you say: 7 "... clear from my examination of the files that 8 very little was put to paper by the previous Director, 9 or if it was, no copies now exist at the Transfusion 10 Centre." 11 If we go to the next page, there is a heading at 12 the top of the page, "BTC Responsibilities in Relation 13 to the Haemophilia Centre": 14 "The Transfusion Service responsibility to the 15 Haemophilia Centre in this Region is little different 16 to its responsibility to any other Health Service 17 Department or Unit. We provide, within our 18 capabilities, the products that are requested by the 19 Haemophilia Centre. Some of the products we provide 20 are locally produced, including cryoprecipitate and 21 individual packs of fresh frozen plasma. 22 "As far as the supply of Factor VIII and 23 Factor IX are concerned, we have acted purely in 24 a handling intermediary position between the Blood 25 Products Laboratory at Elstree and the Haemophilia 130 Q. -- TYWE0000015\_002. If we just zoom in on the text, 1 2 please, Sully. 3 It looks like it's 26 August 1983 but I'm not 4 100 per cent sure. 5 A. Yes, that's what I thought. 6 Q. It's from Dr Collins. 7 Thank you, Sully, I think that's right. 8 It's from Dr Collins to Dr Jones: 9 "Dear Peter 10 "We have an embarrassingly large supply of BPL 11 Factor VIII in stock. How about it?" 12 It would appear from what you -- from what 13 Dr Collins related to you, I think, and what you relate in this document, that the Transfusion 14 15 Service's understanding was that the Newcastle 16 Haemophilia Centre used, to a very substantial extent, 17 commercial concentrates; is that correct? 18 A. As far as I know, they did. We know, and I'm sure 19 we'll get into this at some stage, there was very 20 limited supply of BPL Factor VIII. It would not have 21 met the regional demand, particularly once you start 22 a fairly aggressive home treatment policy. But,

despite that, you know, there were still -- obviously

immediately. So yes, they used a lot of commercial

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there were still some products not getting used

(33) Pages 129 - 132

1		product concentrate, and you see that in other
2		documents that have been submitted.
3	Q.	If we go to the next page of this document, just pick
4		up an answer you gave to one of the questions. So
5		it's TYWE0000064, and it'll be page 4, please, Sully.
6		So paragraph 5 says:
7		"To what extent were there shortages of
8		Factor VIII?"
9		This, as I understand it, was part of your
10		answer.
11		"Factor VIII has, since the 1970s, been produced
12		by the Blood Products Laboratory at Elstree in
13		quantities less than those required for the treatment
14		of the haemophiliacs in this country. The level of
15		shortage in each region has varied because of the
16		supply of raw plasma, from which Factor VIII is made.
17		As mentioned elsewhere, I believe that this Region
18		took a decision in the 1970s to purchase Commercial
19		Factor VIII rather than invest in the transfusion
20		centre, with a view to producing more plasma."
21		Can you recall, Dr Lloyd, what the basis was for
22		your understanding that there had been a positive
23		decision by the Regional Health Authority, I assume
24		it's the Health Authority you're referring to there,
25		to invest in
		133
1		having said we won't look at that document, I'm going
2		to suggest that we do.
3		Sorry, Sully, could we have TYWE0000022.
4		So this is the draft statement from Dr Collins.
5		I just want to pick up on what she says at pages 4 to
6		5 and then ask if you have any observations or any
7		reflections of your own based on your conversations
8		with her.
9		So if we go to page 4, please, thank you.
10		If we pick it up halfway down the page:
11		"A further difficulty arose from the
12		arrangements which were made from about 1980 onwards
13		with the distribution of Factor VIII. The system
14		introduced at that time was known as the 'pro rata'
15		arrangement, by which [RTCs] were intended to receive
16		back amounts of blood products in proportion to the
17		amount of blood plasma sent by Regional Transfusion
18		Centres throughout England and Wales. Because some
19		Regional Transfusion Centres, such as the Leeds
20		Centre, sent a disproportionately large amount of
21		blood plasma, the northern transfusion service 'lost
22		out', even when the amount of blood plasma sent to
23		Elstree increased."
24		Do you have anything or any particular insight
25		into or understanding of what Dr Collins had in mind
		105

Blood	Inc	uiry 8 February 20
1	A.	Yes.
2	Q.	commercial concentrates rather than rebuilding the
3		transfusion centre?
4	Α.	Okay, at the time I wrote that, I would have been
5		fairly heavily influenced by comments made by my
6		predecessor, Dr Anne Collins, because I wrote that
7		before I was director, and I would have had
8		I wouldn't have seen some of the documents that you
9		now have given me access to over decisions by the
10		Regional Health Authority.
11		So I am here, I think, pretty much quoting the
12		view that came from my predecessor without having sort
13		of hands-on evidence to support that those
14		statements.
15	Q.	And I should say, I'm not going to go to it now, sir,
16		but we do have a draft statement from Dr Collins
17		produced I think, again, for the purposes of the
18		HIV litigation.
19 20	A.	Yes.
20 21	Q.	I won't take time with it now, but for the transcript it's TYWE0000022. I may come back to it in the course
21		of Dr Lloyd's evidence. But we do have Dr Collins's
22		input there.
24	A.	Yes. I have read that.
25	Q.	There are a couple of comments that actually,
20	ч.	134
		104
1		there, this sense that the pro rata system somehow was
2		stacked against the Northern Region in some sense?
3	Α.	Well, not particularly against the Northern Region, it
4		happen to act against the Northern Region.
5		If you look at some of my one of the charts
6		I presented in my witness statements showing the
7		pro rata distribution of products in general to the
8		Northern Region, it shows that over a period of
9		a number of I think it was actually only couple of
10		years this data relates to, I just didn't happen to
11		have a larger range of data, but you can see that in
12		that chart that the amount of plasma being sent to BPL
13		from the Northern Region stayed the same, but the
14		amount of product that came back diminished.
15		And that was a fact that's how the pro rata
16		system worked. You took the total quantity supplied
17		by all transfusion centres and you, you know, divvied
18 10		it up, accordingly the production accordingly.
19 20		So if some centres produce more but others stay

the same, the ones who stay the same are going to getless product back. And that's what Dr Collins is

22 referring to here. And as I say, I did produce

- 23 a small chart showing that in operation.
- 24 Q. I'll certainly come on to some of the charts that25 you've produced, Dr Lloyd, in the course of the

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			THE III
1		afternoon.	
2		Then if we just go to the next page, page 5, so	
3		still in Dr Collins's statement, picking it up in the	
4		second paragraph she says:	
5		"It became apparent that there was a preference	
6		at the Haemophilia Centre for commercially produced	
7		Factor VIII blood product for the following	
8		reasons"	
9		Then she sets out three: solubility, allergic	
10		reactions, and a more attractive presentation of	
11		commercial Factor VIII.	
12	Α.	Mm-hm.	
13	Q.	Now that's what Dr Collins was saying.	
14		Do you have any direct evidence or information	
15		of your own as to what might have been the preference	
16		of Dr Jones for commercially produced Factor VIII	
17		product? Is it something you ever discussed with him?	
18	Α.	I mean no, I don't think I discussed it with him.	
19		I mean, I was certainly aware, because whilst I was	
20		a senior registrar at the Royal Victoria Infirmary, we	
21		often treated haemophiliacs who came in after hours	
22		when the Haemophilia Centre wasn't open, and we used	
23		the product that was allocated, you know, for that	
24		patient. If that patient was on a certain commercial	
25		product, that's what we used.	
		137	
1	Q.	And it refers to the possibility of collecting plasma	
2		from the parents to provide cryoprecipitate for	
3		treating their son.	
4		Now I'm not going to ask you anything about the	
5		individual family concerned, but just as a broad	
6		topic, this idea of what I think you refer to in your	
7		statement as "family-specific cryoprecipitate", did	
8		that take off? Was that something that was done, and	
9		had it ever been contemplated before this?	
10	Α.	I don't recall it being done at other times. You	
11		know, I read this letter and it you know, it	
12		obviously brought the issue back to mind, but it	
13		wasn't something that I was aware of as a certainly	
14		wasn't a major component of what we were doing in the	
15		transfusion centres. We were obviously prepared to do	
16		it, but I don't recall it becoming a frequent	
17		certainly not a frequent issue. We might have done	
18		others but I honestly, I'm sorry, I can't remember	
19		now.	
20	Q.	Do you know whether what had triggered this possible	
21		arrangement was concern about viral infection, or	
22	,	whether it was unrelated to that issue?	
23	Α.	No, I don't know. I didn't deal with the parents, and	

24 certainly, you know, it was Dr Jones who worked with 25 the parents to get a suitable means of treatment.

1		And it's true, the commercial Factor VIII was
2		more easily soluble. In other words you could put the
3		distilled water in I think it was distilled
4		water into the vial, and dissolve it much more
5		quickly than you could the BPL product. So I
6		actually, you know, have experienced that.
7		I don't know really enough to say about the
8		allergic reactions, the rate of those. But, you know,
9		obviously Dr Collins had some knowledge of that. But
10		I don't know what specifically Dr Jones was saying
11		about that. But, you know, it is the case that that
12		product, the BPL product, was less easy to use, and it
13		wasn't presented, if you like, in a nice package. It
14		didn't come with its with everything together. So
15		a little more difficult to use.
16	Q.	And then just before we move more generally to issues
17		relating to plasma supply, whilst still on the topic
18		of haemophilia treatment, can I ask you to look at
19		NHBT0078890_022.
20		When it comes up, Dr Lloyd, you'll see it's
21		a letter from you. So it's dated 13 November 1986.
22	Α.	Yes.
23	Q.	It's addressed to the parents of a boy with
24		haemophilia.
25	Α.	Mm-hm.
		138

1		So I don't know what discussions took place to come to
2		this conclusion. So I'm sorry, I can't help you
3		further on that one.
4	Q.	Thank you. We can take that down, Sully.
5		I'm going to ask you now to look at three
6		documents, all of which, I'm afraid, predate your time
7		as director, but they're three short documents
8		relating to issues of plasma supply and meeting
9		targets, and so on. Then I want to ask you about some
10		observations you make in your witness statement.
11		So the first document is DHSC0002247_077. This
12		is a letter dated 18 October 1984 from the regional
13		general manager at the Northern Region Health
14		Authority to the Department of Health. We can see
15		it's headed "Supply of Plasma to the Blood Products
16		Laboratory".
17	Α.	Yes.
18	Q.	It says this:
19		"Your letter dated 10 August 1984 on this
20		subject was discussed by the Regional Health Authority
21		at its recent meeting when commitment to achieving the
22		target for this Region was reaffirmed but only
23		a qualified assurance with regard to timing could be
24		given in the light of additional capital and revenue
25		resources required and more particularly the need to
		140 (35) Pages 137 - 14

(35) Pages 137 - 140

			i ne n
1		build up the number of plasma donors in the Region.	
2		In this latter connection, the recent closure of	
3		factories in the Region has had a considerable effect	
4		on the ready availability of blood donors."	
5		So I appreciate you wouldn't have seen this	
6		letter at the time, Dr Lloyd, and, indeed, it doesn't	
7		even appear to have been copied to Dr Collins. But it	
8		suggests an in-principle commitment to meeting the	
9		targets and, presumably, the ultimate objective of	
10		self-sufficiency but not an equivalent guarantee of	
11			
		being able to do so. Is that, more broadly, a fair	
12		reflection of your understanding of the position at	
13		around this time, and the position you then inherited	
14		later in the '80s?	
15	Α.	Yes, I think so. I think there's another document	
16		also from the Regional Health Authority probably from,	
17		was it the Regional Director of Resources, which	
18		I think may have followed up this letter, which you	
19		also, you know I didn't see at the time, which	
20		gives it perhaps a little more background to it. But,	
21		yes, my understanding was that we're not going to put	
22		a lot of money into the Centre. It's going to be	
23		expensive. We have limited resources, and so, at the	
24		moment, yes, we'll when you read it, you say: yes,	
25		well, we we'd like to go along with you, but	
		141	
1		"I will let you know when any agreement is	
2		reached."	
3		So it would appear that Dr Collins is	
4		effectively awaiting approval from the Regional Health	
5		Authority to take the steps outlined, fairly modest	
6		steps, potentially outlined in the third paragraph of	
7		her letter.	
8	Α.	Yes, yes. She wasn't she felt, you know, she	
9		couldn't you couldn't you can't spend money that	
10		you don't have, you know, you don't have the authority	
11		to. And so the two things there, the bags containing	
12		the optimal additive, SAG-M, were more expensive and,	
13		of course[frozen screen] expensive operation.	
14		There was a small plasmapheresis centre in the new	
15		building with a small number of units. We saw that in	
16		the Medicines Control Agency Inspection Report	
17		earlier, where I think they mentioned eight	
18		Haemonetics machines, although that might have been	
10		a little bit later than this.	
20 21		Yes, it was the next year, wasn't it, that	
21 22		report.	
22		So she had she couldn't go ahead with some of	
23		the things that she would have liked to have done	
24	~	because she didn't have the funding to do it.	
25	Q.	Then I think we see that perhaps most starkly in the	
		140	

1		actually we're not going to. Haha.
2		That's what it appears to say. And the little
3		bit about the closure of factories, and so on, is just
4		a little bit of icing on the cake to try to show that,
5		you know, it was going to be difficult.
6	Q.	Then I'll just pick up two other documents, they're
7		not, I think, the one you're referring to, but I'll
8		try and find the reference to that later.
9		So the second is a letter from Dr Collins to the
10		DHSS, May '85, DHSC0002269_021, so 1 May 1985, headed
11		"Plasma Procurement for BPL":
12		"I am sorry for my late reply to your letter re
13		Plasma Procurement for BPL. The matter was raised at
14		the recent [Regional Health Authority] meeting,
15		members being advised that additional finances would
16		be required for the proposed plan and that information
17		was still being collected.
18		"I am therefore not in a position to assure you
19		yet of any increased supply from this region.
20		"The new Transfusion Centre building should
21		become available later this year, thus resolving one
22		constraint upon us. The proposal being considered
23		comprises a small increase in routine blood donations,
24		use of SAG-M for a proportion of donations and the
25		shortfall being made up by plasmapheresis.
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4		third letter I wanted to ask you to look at briefly,
1		third letter i wanted to ask you to look at bheny,
1		it's TYWE0000051_004. It's almost illegible but I'm
2	A.	it's TYWE0000051_004. It's almost illegible but I'm
2 3	A. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr
2 3 4	-	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling.
2 3 4 5	Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist
2 3 4 5 6	Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling.
2 3 4 5 6 7	Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December,
2 3 4 5 6 7 8	Q. A. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think.
2 3 5 6 7 8 9	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes.
2 3 4 5 6 7 8 9 10 11 12	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be
2 3 4 5 6 7 8 9 10 11 12 13	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this."
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. A. Q. A.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what Dr Collins is saying in the first main paragraph
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. A. Q. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what Dr Collins is saying in the first main paragraph there: insufficient funding for self-sufficiency.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. A. Q. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what Dr Collins is saying in the first main paragraph there: insufficient funding for self-sufficiency. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what Dr Collins is saying in the first main paragraph there: insufficient funding for self-sufficiency. Yes. So those letters really then lead, I think, to some
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Q. A. Q. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what Dr Collins is saying in the first main paragraph there: insufficient funding for self-sufficiency. Yes. So those letters really then lead, I think, to some observations you make in your witness statement,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. A. Q. Q.	it's TYWE0000051_004. It's almost illegible but I'm going to read it out. It's Dr Collins to Dr Dr Jobling. Jobling, a pathologist Jobling. at the Preston Hospital, and it's December, 9 December 1985, I think. Yes. She says: "I must point out that the Regional Health Authority does not fund this service to be self-sufficient in plasma products." Then she says: "However there has been recently a shortfall in supplies of processed material from BPL, and we will now be able to let you have a small additional number of units, as they are correcting this." So again, I think it's fairly obvious what Dr Collins is saying in the first main paragraph there: insufficient funding for self-sufficiency. Yes. So those letters really then lead, I think, to some

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1		Sully WITN6935001, and we go to page 39. So
2		paragraph 29 says "Barriers to achieving plasma
3		targets", and you identify three points there:
4		"Prior to 1985 limited and outdated
5		facilities", which you've already told us about in the
6		course of your evidence.
7	Α.	Yes, yes.
8	Q.	Then "The Centre's belief that a large proportion of
9		whole blood was required by the hospitals it
10		supplied", is the second bullet point.
11	Α.	Mm-hm.
12	Q.	Does that take us back to the issue you referred to
13		earlier about the very substantial proportion of blood
14		or or products being supplied in the form of whole
15		blood rather than, for example, the use of the red
16		cells and SAG-M?
17	A.	Yes, yes. I mean, when I started as I'm just
18		reiterating what I said before the Centre seemed to
19		think, at least its laboratory staff at that time
20		not later, but at that time seemed to believe that
21		what the hospitals needed was whole blood and that's
22		what we were going to give them. And the we didn't
23		fractionate sorry, not factor we didn't separate
24		a lot of the whole blood into components as we should
25		have done and, of course, you couldn't put it into an
		145
1		with a Northern Region receiving less by way of BPL
2		factor concentrates; is that right?
3	A.	Yes. Yes, I mean, you're talking about a close
4		to 50 per cent reduction in products sent back to the
5		Northern Region from whatever BPL was producing at the
6		time. And the Northern Region hadn't done anything
7		other than stood still. The rest of the world had
8		moved on.
9	Q.	And then, if we turn to WITN6935003, we have, I think,
10		now, information about the same thing, in the sense
11		it's plasma dispatched to BPL. This is purely
12		relating to the Northern Region. And it's now for the
13		period from the '85/'86 to '93/'94, and we can see
14		a very significant increase in the amount of plasma
15		being dispatched to BPL over that period.
16	A.	Yes.
17	Q.	We'll look at a handful of further documents,
18		Dr Lloyd, but essentially, how was that achieved, that
19		increase?
20	A.	Okay. My if I may start with what I was thinking
21		at the beginning of that period, perhaps just before
22		I became director, which was that probably the only
23		way to get a major change in plasma production was to
24		go full force into plasmapheresis, as the way some
25		other centres had done Leeds has been mentioned
		147

1		optimal additive because we didn't have the bags and
2		the money to, you know, buy them.
3		So that's definitely what I was talking about
4		and that's what I'm talking about here.
5	Q.	Then the third bullet point, "Prior to 1988 the RHA's
6		approach to funding plasma collection", and that's
7		really the point that emerges from the correspondence
8		we've just looked at; is that right?
9	Α.	Yes, yes. Yes.
10	Q.	Can we then just look at some of the graphs that
11		you've exhibited to your statement. If we start with
12		WITN6935013, so this is the supply of fresh frozen
13		plasma from the Northern Region to BPL, 1981 to 1985.
14		Can you just well, I think this is probably one of
15		the pieces of information you were referring to
16		earlier.
17	A.	Yes, it is.
18	Q.	The amount in terms of volume supplied remains
19		relatively static during that period. There are
20		increases and decreases year in, year out
21	A.	Yes.
22	Q.	but there's not a huge difference. But the
23		percentage, in terms of the percentage contributed by
24		all centres, we can see significantly reduces over
25		that period, which results, under the pro rata system,
		146
		140
1		hofers. But and I get into the ich you know
1		before. But once I got into the job, you know,
2		I realized that we had a tarrific appartunity to
2		I realised that we had a terrific opportunity to
3		separate a lot more blood, and instead of sending out
3 4		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were
3 4 5		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this
3 4 5 6		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red
3 4 5 6 7		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something
3 4 5 6 7 8		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something in an optimal additive. So we did change our view.
3 4 5 7 8 9		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something in an optimal additive. So we did change our view. We ran a small plasmapheresis operation within
3 4 5 7 8 9 10		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something in an optimal additive. So we did change our view. We ran a small plasmapheresis operation within the Centre. We were able to do that with very little
3 4 5 7 8 9 10 11		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something in an optimal additive. So we did change our view. We ran a small plasmapheresis operation within the Centre. We were able to do that with very little extra cost because we had the facility. We still
3 4 5 7 8 9 10 11 12		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something in an optimal additive. So we did change our view. We ran a small plasmapheresis operation within the Centre. We were able to do that with very little extra cost because we had the facility. We still had we had the machines there, and you know, it
3 4 5 7 8 9 10 11 12 13		separate a lot more blood, and instead of sending out whole blood, we would produce products where we were able to salvage the remove the plasma for this purpose and send the hospitals either concentrated red cells or we'd reduce that, or we sent them something in an optimal additive. So we did change our view. We ran a small plasmapheresis operation within the Centre. We were able to do that with very little extra cost because we had the facility. We still had we had the machines there, and you know, it needed a bit of staffing and organisation. And that
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#### The Infected

1		with them. And I have to say they were extremely
2		cooperative. I mean, you know, the haematologists
3		across the region understood that whole blood is not
4		a good product to use, you know, generally. A few
5		specific cases, maybe[frozen screen]
6		concentrated red cell products, and using plasma
7		products and so on as needed was something they
8		recognised. And they were able to change and deal
9		with their staff and surgeons, anaesthetists and so on
10		at the hospitals, and allow this change to happen.
11		And I think we did it in two stages. We sort of set
12		a target and then we went to a second stage after
13		a further meeting and said, "Well, can we reduce this
14		further?" And they said yes, of course. And by the
15		end of that period, whole blood was a rare beast.
16		I mean, less well under 1 per cent of our output
17		was whole blood.
18		So most of this was done by working with the
19		hospitals, with people who understood, you know,
20		transfusion and blood banking.
21		And we also changed our manufacturing techniques
22		to allow us to produce more plasma per pack. We
23		became probably the biggest user of an automated or
24		semi-automated system for separating blood, the
25		Optipress system from Baxter Corporation, which
		149
1		moved to the new centre, we were at the top of the
2		league table of producing whole blood. So other
3		centres were able to reduce it, reduce the use of
4		whole blood, so there's no reason why we shouldn't.
5		I would say that I think, and I don't have
6		terrific information, the Northern Region probably had
7		fewer haematologists in post, particularly outside
8		the you know, a couple of the bigger centres, which
9		would have made it more difficult to do. You know,
10		you need a good haematologist, with good transfusion
11		knowledge, who can talk as an equal to the surgeons
12		and the anaesthetists about this. So yes, we could
13		have started it could have been started earlier.
14		It would not have been as easy for me to do at this
15		time with so many haematologists in post.
16	Q.	You told us a few moments ago that when you started
17		out as director, at the forefront of your thinking had
18		been using plasmapheresis more. I'm not going to go
19		to the document because you've explained what happened
20		in relation to that, but for the transcript there was
21		a report which you produced in around I think 1988,
22		which is at NHBT0001580, which had a proposal at that
23		time for increasing plasmapheresis.
24		If we just go, however, to the graph
25	A.	Correct, yes.

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1		allowed us to eke out, you know, that extra 10, 20ml
2		of plasma from a lot of the products we produced, at
3		the same time as improving the quality of the product.
4		So it was a multifaceted change, but it was done with
5		very little in the way of capital investment.
6	Q.	If we look at one further graph on this topic,
7		WITN6935002.
8		This is, I think, a visual depiction of what
9		you've just told us. So percentage of red cells
10		issued as whole blood
11	Α.	Correct.
12	Q.	for the period '85/'86 to '93/'94, and we can see
13		its decline too, as you just indicated, and there
14		being a tiny proportion, if any, being issued by the
15		time we get to '93/'94.
16	Α.	Mm.
17	Q.	Is there any reason why this could not have been done
18	-	significantly earlier than it was?
19	Α.	Oh, it could certainly have been done earlier. I mean
20		as I said, when I just before I started as
21		director, my views were different. I didn't really
22		appreciate the extent of what we could do. It did
23		take a year before I well, before I really got into
24 25		it. So yes, it could have been done. Of course it could have been done. Newcastle was even before we
20		
		150
1	Q.	which you produced relating to plasmapheresis
2		donations, which is WITN6935012.
3		We can see from this an increase in
4		plasmapheresis donations again over the period 85/86
5		to 93/94. So would it be right to understand although
6		this wasn't the central plank of your strategy for
7		increasing the supply of plasma, nonetheless you were
8		able to achieve a significant increase in
9	_	plasmapheresis collection?
10	Α.	Yes, yes. We got us a small plasmapheresis unit, got
11		some great staff together to run it, and got it up
12		quite quickly to producing the 4 tonnes, and we sort
13		of left it at that, because we seemed to be able to
14		produce plasma from other sources. And plasmapheresis
15 16		plasma is more expensive. The physical location
16 17		within the Transfusion Centre had originally been
17 18		designed as a location for blood donor sessions, so we with a very small pheresis section at the far
19		end of it, with room for two machines, I think
10		

- 20 I think that was in the original plans drawn up by
- 21 FaulknerBrowns. So we did a bit of a remake, turned
- 22 it over to plasmapheresis, and then somewhere in the
- 23 middle of that, with a lot of help from the staff
- 24 running that unit, we remodelled it to increase its
- 25 efficiency, using some ideas that they came up with.

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			THE HIE
1	Q.	And I think we can get a snapshot of the	
2		plasmapheresis facilities at NHBT0003365. This is	
3		a short note from Dr Gunson, 14 August 1989, "Notes on	
4		Visit to Northern RTC".	
5		He discusses issues relating to the plasma	
6		targets and the core records in the past of the first	
7		section.	
8		And then section 2, "Plasmapheresis", we can	
9		see:	
10		"2.1 Plasmapheresis centre in RTC.	
11		"2.2 Eight machines in operation."	
12		He gives then details of the staffing.	
13		And then 2.4:	
14		"Currently there are 1000 donors on the panel	
15		which have been recruited in the last six months."	
16		Prior to the new centre being opened in 1985,	
17		would plasmapheresis have been possible in the old	
18		Regional Transfusion Centre?	
19	Α.	I don't think so. I mean that facility was crammed,	
20		physically not set up for this. I'm trying to	
21		think I'm trying to reimagine the building. I	
22		really cannot think of anywhere in that building where	
23		you could have set up plasmapheresis. You know, you	
24		might have built another shed, another hut, in the	
25		grounds and used it as a plasmapheresis centre but not	
		153	
1		particularly for planned surgery. So we were	
2		fortunate in being able to offer it. It was a small	
3		operation. But I was very concerned that if	
4		autologous transfusion was carried out locally with	
5 6		poor control, you had the risk of blood going to the wrong person or not being stored properly, not being	
7		labelled properly, and that would negate the benefit	
8		that autologous transfusion was bringing to you.	
9		So we did offer it. It didn't have a great	
10		uptake. I think it's at the end of the contract	
11		there's a list of hospitals who that used it in the	
12		previous year and I can't remember if it's six in this	
13		document or nine. But, you know, it's a small number	
14		and a small number of units. But it was an option for	
15		people, and, you know, once you've realised	
16		particularly once you start thinking beyond HIV, then	
17		autologous certainly makes more sense. If you only	
18		think of HIV, then, because of the very low incidence	
19		in the Northern Region, it was hard to make a case for	
20		it. But certainly with non-A, non-B, and then hep C,	
20		the belowse dates 1 think, non 2, and thorntop 0,	

- 21 the balance does, I think, change.
- 22 Q. We can take that down, thank you, Sully.
- 23 A. We should have done more earlier.
- 24 **Q.** That leads neatly to my next question for you, which

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1		in the existing structures. I don't think so.
2	Q.	Then if we look at WITN6935024.
3	·	Now this is just on the topic of
4		autologous transfusion. I don't think we need to look
5		at anything other than the first paragraph, which
6		explains that there's a:
7		•
8		" pre-deposit Autologous Transfusion service for hospitals within the Northern Region. This
9		service is provided on request and aims to ensure that
10		any patient due for planned surgery and for whom there
11		is a likelihood that blood will be required will be
12		able to benefit from [it]"
13		Was there the potential for any wider use of
14		this, as a method of collection?
15	Α.	Yeah, autologous is an interesting topic. I think
16		and there is some documentation earlier than this date
17		where I actually sort of say I don't think it's really
18		a very good idea or not that it isn't a good idea,
19		but it probably isn't necessary from a safety point of
20		view. Perhaps by this time I was I'd got to
21		a point where, "Mm, perhaps I shouldn't be quite so
22		sure of myself."
23		And there were patients and their physicians
24		sorry, their doctors, who really felt that they wanted
25		their patients to have autologous transfusion for
		154
4		
1		look specifically at non-A, non-B hepatitis, if you
2		can go back to your training years in the 1970s,
3		Dr Lloyd, what can you recall being taught about the
4		risks associated with blood and blood transfusion, in
5		particular the risks of viral transmission?
6	Α.	I trained at the Royal Free Hospital which was the
7		centre of liver disease treatment and investigation.
8		So we knew a little bit about it. I was, I think,
9		aware that there was a problem with patients
10		undergoing cardiac surgery. There was a big cardiac
11		surgery unit in the south of England, in Hertfordshire
12		perhaps? I can't remember now.
13		So we were aware of a problem but at what point
14		between you know, during my training I became aware
15		of that, I'm not sure. It sort of sits somewhere
16		back at the back of my mind that there was this
17		issue. So yes, there was I had some understanding
18		and then, obviously, as I went through my
19		particularly my senior registrar training, where I had
20		to read extensively on transfusion issues, it became
21	~	much more apparent.
22	Q.	We heard evidence a few weeks ago from
23		Professor Marcela Contreras and she told us of writing
24		on chalkboards in the classrooms of medical students
25		the words to the effect "Blood can kill", and
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1		obviously there may be a range of reasons why that
2		might be the case not limited to, but including, viral
3		transmission.
4	Α.	Mm-hm. Okay.
5	Q.	Was that sense of needing to be aware of the dangers
6		of the use of blood and blood products very much part
7		of the thinking at the Northern Regional Transfusion
8		Centre in the '80s or was it not?
9	Α.	Ooh, I'm trying to think what it was like before I was
10		director, when I was just around as registrar.
11		I don't think it wasn't a terrific sort of
12		I don't sort of see that message up on the chalkboard:
13		it's dangerous. Certainly, it was being used
14		relatively freely, and we were still seeing units
15		being given you know, single unit transfusions, and
16		the like. So I don't think there was quite as strong
17		an emphasis as Dr Contreras showed where she was
18		teaching students. So perhaps not as significant, no.
19	Q.	Then non-A, non-B hepatitis, can you recall, as it
20		were, the evolution of your understanding of non-A,
21		non-B hepatitis, both in terms of its incidence as
22		a risk of transfusion, and as to its seriousness?
23	Α.	Taking the risk of non-A, non-B, a lot of what I knew
24		in the earlier days was material that came from the
25		States, and certainly was aware that there were a lot
		157
1		there was a link. It was statistically significant.
2		I don't recall seeing that sort of information
3		coming out in the UK. We had some studies but they
4		were underpowered. They weren't powered to give us
5		the real knowledge we needed. And they didn't make
6		that firm link with patients who were getting
7		hepatitis. So my knowledge of it, sort of, developed,
8		I think, relatively slowly, and so I got to a point
9		where I and I put it in my witness statement you
10		know, should we have been doing ALT testing, for
11		instance? Yes, I think we should have been. Was

- 11 instance? Yes, I think we should have been. Was 12 I standing up there shouting from the rooftops, saying 13 should we do it? No, I wasn't, and probably should have done more. But, yes, it took the UK -- for some 14 15 reason, the UK seemed to have this attitude that this 16 was not a serious disease, and we didn't need to do 17 much about it. 18 We've seen documents, articles, which seemed to 19 imply that it's not a cost effective thing to do. 20 There's a lot of information about, oh well, we're 21 going to lose too many donors. Well, heck, that's the 22 transfusion centre's job, is to replace the donors
- 23 with safe donors. That was what we should do and, you
- 24 know, if we lose 1,000 donors we can replace them.
- 25 You take the Northern Region, we lost thousands and

of differences in the way that, you know, donations were collected in the States, the separation between the voluntary side, under the umbrella of the ABB, and the commercial side. So you got a sense that maybe we're not in as bad a position as they are. And of course, we probably weren't, but it wasn't -- it wasn't a panacea. We weren't wonderful, by a long way.

And so you saw that. It then gradually, you know -- there wasn't a -- one of the documents that has been presented to me was a journal article which studies non-A, non-B in the States, I think, in -certainly in two areas: Texas and New York, I'm not sure.

15 Anyway, it's an article that you presented. 16 And, you know, you read that article and you see 17 people have taken care to develop a study over a long period of time, they've got good information, they've 18 19 used an independent panel to assess the recipients of 20 blood to see if they had hepatitis and whether it was 21 significant, and they were able to test large numbers 22 of donations that went to these patients, and they 23 used some fairly sound statistical analyses which 24 showed that there were, you know, the link between the 25 blood and the hepatitis and the patients, you know,

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1		thousands of wonderful donors because the factories,
2		the shipyards, the steelworks, closed down. We lost
3		those donors, but we made them up. We made up more
4		numbers from those losses than we would have had to
5		have made up from starting the ALT testing. You know,
6		we should have been there.
7		As to its severity, I didn't do a lot of work
8		clinically to actually see it, and obviously you'll
9		read it, but I was very surprised by Dr Gunson's
10		comment around the time of HCV introduction saying
11		that non-A, non-B or hepatitis C, this hepatitis was
12		not a significant disease. I mean that really
13		surprised me, even then.
14	Q.	I'll pick up on some of those issues again tomorrow,
15		Dr Lloyd, when we look in more detail at the
16		introduction of hepatitis C testing.
17		Hepatitis B. Now, obviously testing for
18		hepatitis B had been in operation long before you
19		joined the Centre. Can I just ask you couple of
20		questions about
21	Α.	No, sorry. Sorry, can I can you
22	Q.	Yes?
23	Α.	Sorry, can you clarify that? You said hepatitis C
24		testing.
25	Q.	B, hepatitis B.
		400

1	Α.	
2	Q.	I'm moving to hepatitis B, my apologies. So I just
3		want to ask you a couple of questions in relation to
4		hepatitis B testing. If we go to NHBT0072680. This
5		is a letter you wrote in May 1992 to Dr Castervan at
6		the Freeman Hospital, and it looks like you've been
7		asked a question about
8	Α.	Can I just point out, sorry. Please note that that is
9		not his correct name, that is an error on that letter,
10 11		it is Dr Kesteven with a K. But anyway, thank you
12	0	Patrick Kesteven, yes, I do recall this. Thank you. Yes, so you'd obviously been asked
13	Q.	
13	A.	a question about the position in 1974? Mm-hm.
14	Q.	
16	Q.	You say: "According to our records for the whole of 1974
10		we were still testing for Hepatitis B antigen using an
18		electrophoretic method."
10		And then you explain it was definitely less
20		sensitive than the assay brought in in 1975, probably
20		missing as much as 20 per cent of the hepatitis B
22		positivity in the donor population.
23		Can you recall what had prompted that enquiry?
24		It looks as though it may have been a case of someone,
25		a recipient, getting hepatitis B.
20		161
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1		may have preferred commercially produced Factor VIII
1		may have preferred commercially produced Factor VIII
2		were"
2 3		were" Then we've seen two of the points already
2 3 4	A.	were" Then we've seen two of the points already discussed, the reactions
2 3 4 5	A. Q.	were" Then we've seen two of the points already discussed, the reactions Yes.
2 3 4 5 6	A. Q.	were" Then we've seen two of the points already discussed, the reactions Yes. and solubility.
2 3 4 5 6 7		were" Then we've seen two of the points already discussed, the reactions Yes. and solubility. Then over the page, (c) is about the
2 3 4 5 6 7 8		were" Then we've seen two of the points already discussed, the reactions Yes. and solubility. Then over the page, (c) is about the characteristics of the commercial product, (d) about
2 3 5 6 7 8 9		were" Then we've seen two of the points already discussed, the reactions Yes. and solubility. Then over the page, (c) is about the characteristics of the commercial product, (d) about purity. It was (e) I wanted to ask you about. You
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2 3 5 6 7 8 9		were" Then we've seen two of the points already discussed, the reactions Yes. and solubility. Then over the page, (c) is about the characteristics of the commercial product, (d) about purity. It was (e) I wanted to ask you about. You say: "Dr Jones may have considered that the methods
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Blood Inquiry 8 February 2			
1	A.	Yes, I no, I've read this letter. I can't remember	
2		what the you know, what letter was sent, you know,	
3		came through or question was sent to me about this.	
4		I mean, you look at that, and say maybe Patrick was	
5		being asked to, you know, make a witness statement	
6		for, you know, for litigation. But it goes back, you	
7		know, obviously a lot of years. But no, I don't	
8		recall. I'm sorry.	
9	Q.	When you first started work at the Centre in 1980, do	
10		you recall what form of hepatitis B testing was then	
11		in use?	
12	Α.	No, I don't. I couldn't tell you what the technology	
13		was. I mean I did go into that lab and see it being	
14		done but I can't remember the exact test that was	
15		[frozen screen]	
16	Q.	Then if we could look at TYWE0000067, please.	
17		This is another letter to Crutes Solicitors, and	
18		it refers to you having returned a witness statement,	
19		which, if we go to page 3, we can see the statement.	
20		For present purposes I just wanted to pick up on	
21		something you say on page 7, but if we start at the	
22		bottom of page 6, you and this was about Dr Jones	
23		again and his choice of commercial produced	
24		Factor VIII. So you've said:	
25		"As I understand it, the reasons why Dr Jones	
		162	
4		mana an Abet a sint	
1 2	^	more on that point. And do you recall whether at any point in the 1980s	
2	Q.	or first half of the 1990s when you were at the	
4		Centre, do you recall any cases of	
4 5			
6		transfusion-transmitted hepatitis B being drawn to your attention?	
0 7	٨		
, 8	Α.	I don't remember any. And I know we have two areas	
0 9		there. One is patients who received blood and regular	
9 10		blood products, and I don't recall having to do any hepatitis B, you know, look-backs. I might be wrong.	
10		And probably the cases of hepatitis B in the	
12		haemophiliac population, one suspects that, you know,	
13		that was more an issue with the fractionators rather	
13		than the Centre. And obviously the Centre produced	
14		the plasma but the fractionators converted it into the	
16		finished Factor VIII, Factor IX.	
17		So I would imagine that the haemophilia	
18		population who developed hepatitis B, that information	
10 19		would have been sort of fed back to the to, say,	
20		BPL or, if they received commercial product, to the	
20 21		commercial people, manufacturers, and so you may have	
21		seen a difference in hepatitis B rates between the two	
23		groups. But I wasn't a certainly not party to that	
23 24		information	

- 24 information.
- 25  $\,$  Q. Then in terms of transfusion-associated hepatitis more  $\,$

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(41) Pages 161 - 164

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		•
1		generally, so leaving aside whether it's hepatitis B
2		or non-A, non-B hepatitis, was there a system for such
3		infections being notified to the Centre or did it just
4		very much depend upon whether a clinician who had
5		a patient who might have a case of
6		transfusion-associated hepatitis, whether they
7		happened to tell you?
8	Α.	Yeah, I don't think there was any sort of proper
9		set-up a sort of there wasn't like a sort of
10		a document that said, you know, "You will inform us".
11		So I suspect that it would have been very ad hoc.
12		And it's quite possible that, you know, they
13		just if it was a non-A, non-B hepatitis, then,
14		well, you know, there's was no point in telling the
15		Centre because they're not testing for it. And, you
16		know, it is something that could have been done but
17		no, we didn't do it. But there was certainly non-A,
		•
18		non-B hepatitis around, and you saw that in one of the
19		documents that was presented which references an
20		article by another Dr Collins, at the Freeman
21		Hospital, Dr Collins and James and a couple of others,
22		who actually followed up a number of cardiac surgery
23		patients who developed hepatitis.
24		So it was around, and I don't recall that
25		information sort of flowing back into the Centre.
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1 2	TH	E WITNESS: I don't know if the technical people can
2		E WITNESS: I don't know if the technical people can assist for a moment.
2 3		E WITNESS: I don't know if the technical people can assist for a moment. RICHARDS: We'll try and get that resolved if we break
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MS SIF (4.2 (4.2 MS A. Q. A. Q. A.	E WITNESS: I don't know if the technical people can assist for a moment. RICHARDS: We'll try and get that resolved if we break for five minutes. BRIAN LANGSTAFF: Okay, break. 20 pm) (A short break) 28 pm) RICHARDS: Dr Lloyd, can you hear me now? I can hear you clearly, sorry for the interruptions. Thank you. I'm going to ask you next about the arrangements for donor selection. You tell us in your statement that, in broad terms, the sessions historically could be divided into the general public sessions and industrial sessions; is that right? Yes, correct. The general public sessions would take place in village halls and community centres and the like; is that correct? That was the usual arrangement, yes.

4		a reporting obligation, as far as you can recall?
5	Α.	Not that I recall. No.
6	MS	<b>RICHARDS</b> : Sir, I'm going to move now to a different
7		topic of in relation to the donor selection, and
8		donor arrangements. So I wonder whether if we take
9		our second break now, and then I can pick that up
10		after the break.
11	SIR	BRIAN LANGSTAFF: Well, let's do that shall we and
12		come back at 4.20. So 4.20, if you please.
13	(3.5	9 pm)
14		(A short break)
15	(4.1	9 pm)
16	MS	RICHARDS: Dr Lloyd, I'm going to ask you a little bit
17		now about the arrangements at donor sessions. You
18		tell us in your statement that the donor sessions
19	Α.	Sorry, I don't have sound at the moment. I don't have
20		sound at the moment should be all right
21	Q.	can you hear me now?
22	Α.	but I can't hear anything.
23	MS	RICHARDS: Hmm, sir, shall we break for a couple of
24		minutes.
25	SIR	BRIAN LANGSTAFF: Let's do that.
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1		a room in the old Centre that would take it but, no,
2		I don't recall it.
3	Q.	Then once you had the new Centre, is it right that
4		there were some blood donor sessions that together
5		place in the new Centre but it wasn't a major part of
6		the Centre's use?
7	Α.	No, it wasn't. The drawing has been shown as a donor
8		facility, a donor room was given over to
9		plasmapheresis, so we allowed I say allowed we
10		accepted occasional walk-in donors who just thought:
11		well, here's the Transfusion Centre, I'll donate
12		blood. We would take their donations in the
13		plasmapheresis unit.
14		But we did hold some, sort of, full-blown
15		sessions by clearing out the dining room and using
16		that as a site, and we'd bring up a set of beds that
17		would normally be used on a mobile session and we'd
18		set up almost as though it was a mobile facility that
19		happens to be in our building.
20	Q.	In terms of the geographical reach of the donor
21		sessions, is it right that the sessions took place all
22		over the area but there were fewer sessions in Cumbria
23		because of, I think, transport and road links?

Q. And if cases of hepatitis or transfusion-associated

hepatitis were reported to the Centre, was there

anybody or organisation to whom the Centre then had

- A. Yes, yes. The road link from Newcastle into the 24
- Cumbria area, even to Carlisle, remained sort of --25

1		a city in that area was one road, the A69, and
2		a big stretch of it was not even divided. It was just
3		single track in each direction. And we ended up
4		the arrangement was that the team would go out on one
5		day and then they'd be put up in a hotel, and then
6		they would run the session the next day and perhaps
7		stay overnight another night, do another session, and
8		then come back. So it was complicated. It was time
9		consuming. It was expensive. So the Cumbria area was
10		underserved.
11	Q.	You told us in your addendum statement that there was
12		a satellite office in Middlesbrough, known as the
13		Teesside office. Did the donor sessions in that area
14		take place at the Teesside office or was it a question
15		of mobile questions going out from the Teesside
16		office?
17	A.	No, it was mobile sessions. The sessions essentially
18		organised the same as the rest of the area, except
19		that the Teesside office did two things: one, it
20		looked after the donors in that area, parts of North
21		Yorkshire, Durham and surrounding areas around
22		Teesside, Stockton anyway; and they also managed,
23		as I mentioned, the voluntary team of donor attendants
23		from the British Red Cross and the St John Ambulance
24 25		
20		Brigade, somewhat unusual, but interesting.
		169
1		a lot of walk-in donors that we hadn't invited turning
1 2		a lot of walk-in donors that we hadn't invited turning up. So it's interesting what you find out when you
		-
2		up. So it's interesting what you find out when you
2 3		up. So it's interesting what you find out when you start getting the information. But, yes, public
2 3 4		up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation.
2 3 4 5		up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual
2 3 4 5 6		up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what
2 3 4 5 6 7		up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out
2 3 4 5 6 7 8		up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes
2 3 4 5 6 7 8 9	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets
2 3 4 5 6 7 8 9	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed.
2 3 4 5 7 8 9 10 11	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document
2 3 4 5 6 7 8 9 10 11 12 13	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is
2 3 4 5 6 7 8 9 10 11 12 13 14	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987. You note there'd been a continued fall in the intake
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987. You note there'd been a continued fall in the intake of blood and the number of new donors attending had
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987. You note there'd been a continued fall in the intake of blood and the number of new donors attending had fallen still further. Relative decline in the value
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987. You note there'd been a continued fall in the intake of blood and the number of new donors attending had fallen still further. Relative decline in the value of the publicity budget was also noted. Then there's
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987. You note there'd been a continued fall in the intake of blood and the number of new donors attending had fallen still further. Relative decline in the value of the publicity budget was also noted. Then there's a further discussion about rejection of donors.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q.	up. So it's interesting what you find out when you start getting the information. But, yes, public sessions were by invitation. Industrial sessions were mainly the individual companies organised, you know, who would come at what time, and so we didn't actually send them out individual letters, and you'll see that factor comes into play when there was the when AIDS leaflets were to be sent and distributed. Then, if I can just ask you to look at one document from 1988, NHBT0059596_001. So this is a meeting, 12 January 1988 at which you were present and this is from the point in time at which you were a consultant haematologist at the centre but not the director. If we just go to page 5 and pick it up under "Any Other Business", the second paragraph refers to you presenting the donor panel statistics for 1987. You note there'd been a continued fall in the intake of blood and the number of new donors attending had fallen still further. Relative decline in the value of the publicity budget was also noted. Then there's

1	Q.	Then you told us in your main statement that you
2		thought there was an area just north of the Scottish
3		border which was supplied by the Regional Transfusion
4		Centre and you didn't recall any blood donor sessions
5		being held there but, in your addendum statement,
6		I think your recollection now is that you didn't
7		supply that hospital but you did hold donor sessions
8		in that area; is that right?
9	Α.	Yeah, I mean that's boy, I'm sorry, that's really
10		rusty. I think we did hold a session, perhaps in
11		Gretna. I really can't remember. It's so minor, it's
12		a very, very minor issue. You know, we also crossed
13		into the Yorkshire Region's area and supplied
14		a hospital. These are, in the big picture, very
15		minor.
16	Q.	Then, in terms of the general public sessions, were
17		they based upon donors being called up from the panel
18		or were they drop-in sessions or was it a mixture of
19		both?
20	Α.	We called people to the general public sessions so
21		they were invited by letter. And so, you know, we had
22		statistics that showed, you know, how many people we
23		invited, and how many turned up. We're very proud of
24		our statistics until we introduced a new computer
25		system and found out that, actually, there were quite
		170
1		of new donors we needed additional funding and this
2		had been requested in the short-term programme for
3		1988/89. He also felt that if any savings were to be
4		obtained from reorganisation within BTS then
5		a significant part of these resources should be
6		applied to the donor sessions to make them more
7		attractive. Some discussions followed on ways of
8		improving the appearance of donor sessions. It was
9		generally felt that the use of rather dingy church
10		halls left us with an image that was very similar to
11		that seen in the 1950s. It was clear however there

## 12 was no easy answer to this problem as good quality 13 accommodation was extremely limited." Then there's a later document, I won't go to it, but there's an article from 1989 which quotes you talking about difficulties in attracting donors given the lack of standards. Do you recall what was -- whether you were able to do anything about the issue here of not being attract donors because of -- well, described here as "rather dingy church halls" and not being attractive accommodation or "good quality accommodation" to hold

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24 A. I mean, we did make some changes in our donor services 25 department, and tried to focus, get some people in to

the donor sessions in?

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			The Inf
1		focus on different types of sessions, so that they had	
2		more chance of trying to get better accommodation. It	
3		was certainly difficult. You know, we were competing	
4		with other organisations. If you have an organisation	
5		that wishes to use a nice community centre and they're	
6		going to use it once a week, then we want to come in	
7		on one of their days but only twice a year or four	
8		times a year, it you know, it's a difficult issue.	
9		So you can't it's hard to get better	
10		accommodation. It certainly was. Once you have the	
11		accommodation available to you, then you can perhaps	
12		start trying to make the session run more effectively.	
13		But that's obviously another issue.	
14	Q.	Do you know what consideration was given when the	
15		general public sessions were being held to creating	
16		opportunities for privacy, so that donors could speak	
17		in confidence perhaps to the medical officer,	
18		especially if they're being asked questions about	
19		high-risk activities?	
20	Α.	No, it wasn't good. I think we used to use an area	
21		we had a screened area in our sessions, which wasn't	
22		sort of wonderful, but you could take the donor out of	
23		the main area and into this an area with screens	
24		around. I think it was sometimes used for someone who	
25		wasn't feeling very well, as a recovery. And there	
		173	
1		if the numbers dwindle we're not going to sort of say,	
2		"Hey, you must, must, must get more people!" But,	
3		yeah, it's a valid concern, I agree.	
4	Q.	Do you know whether, in the workplace sessions, again,	
5		whether there were opportunities for donors to be able	
6		to speak confidentially, again in the context of	
7		discussions about high-risk activities in particular,	
8		it may be particularly problematic for a donor if	
9		their colleagues are within earshot, to be candid in	
10		response to questions asked.	
11	Α.	You had the same physical set-up with the screened	
12		area so that's sort of really as good as it got.	
13		How close other donors would have been to that	

How close other donors would have been to thatwould perhaps vary from session to session. You know,

15 in some of the shipyard sessions, you could have

- 16 difficulty talking to people, they were so far away.
- 17 You know, a great big hall ...[frozen screen]... where
- 18 the accommodation is certainly tighter. So -- but the
- screened area, you know, was available. Not perfect,
   certainly.
- 21 **Q**. Then I'm just going to ask you to look at couple of
- 22 the graphs you've exhibited to your statement on the
- 23 donor numbers. If we start with WITN6935008, please.
- 24 Oh no, sorry, my fault, Sully. I've given you
- 25 the wrong reference. WITN6935006, I meant to start

1		was also a screened-off area where they did some work
2		on the bags after collection. So donors could be
3		taken out of the main area. Certainly not perfect but
4		they weren't being when you got away from the
5		initial questioning to go into something more
6		detailed, there was an opportunity to go to a slightly
7		more private area.
8	Q.	In terms of the workplace or industrial sessions on
9		which you've already told us the region was very
10		heavily reliant, was any consideration given to
11		concerns that a workplace donor might not be a truly
12		voluntary donor because they may feel pressured to
13		give blood if their employers had arranged a session?
14	A.	Yes, I mean that's a valid concern. I don't recall
15		that we did anything to try to alter that. The donors
16		in workplace sessions, I don't know how much in the
17		they were put under pressure. It's hard to tell. You
18		know, perhaps some confidential surveys might have
19		been a good idea. But, yeah, there's always a risk in
20		any group, whether it's a family, you know, members of
21		the family or extended family donating, pressures
22		there. Pressures of work, certainly possible.
23		We never tried to pressure the workplace to,
24		sort of, push people into donating. It was very much,
25		you know, you'd bring as many people as you can, but
		174
1		with, sorry.
2		So this gives an overall picture of donor
3		numbers from 1947 to 1994 in the region and we can
4		see, obviously, a significant increase overall, but it
5		looks like it remained relatively stable from really
6		the 1970s onwards, some increase when we get on to
7		1993, with a drop in '87 and, I think, '88 in
8		particular.
9	A.	Yeah.
10	Q.	Do you have any recollection as to what caused that
11		particular drop?
12	A.	Yes, I think there's another chart I've produced which
13		shows employment rates. If you knew the north east at
14		that time, the number of shipyards closing down, you
15		know, steelworks closing down, steel fabricators, it
16		was a very difficult time. We lost yeah, we lost
17		a lot of people. And it's very hard, if you lose your
10		ich to bring yourself to come back and donate and do

- job, to bring yourself to come back and donate and dosomething voluntary would be hard.
- 20  $\quad$  Q. Then I won't go to the charts but there are two charts
- which look at registered donors and industrial donorsand then the employment rates, and for the transcript
- they're WITN6935008 and WITN6935009.
  Can I then ask you little about the process for
- 25 donor screening. I'm going to start by asking you to

1		look at a national document, CBLA0002307, please.
2		Oh, no, that's not the document I had in mind at
3		all.
4	A.	Probably not.
5	Q.	Okay, let's try a different version. DHSC0046337.
6		Okay, so this is the 1985 version of the
7		"National Blood Transfusion Service Guidance for the
8		Selection, Medical Examination and Care of Blood
9		Donors", and if we go over the page, we can see there
10		it starts with a section on the "Selection of Donors".
11		Now, Dr Lloyd, we've got a version from 1977,
12		a version from 1984. This one is 1985.
13	A.	Yes
14	Q.	We've got later versions from '87 and 1990. Until you
15	-	introduced your own selection booklet, was this
16		the guidance that was used, do you think, some form
17		of one of the
18	A.	Oh yes, yeah.
19	Q.	versions of this?
20	A.	I mean, this document is very familiar to me. I mean,
21	л.	you could pull up several from different years and
22		they don't change a lot, but this was the base for the
23		selection of donors that we used. I mean, we didn't
23 24		deviate particularly from this, it's just that we
24 25		tried to make something that was easier for our staff
20		-
		177
1	Q.	Yes, if we go then to the bottom of page 6 because
2	ч.	you'll see it says, "See note ix", and then
3	A.	Okay.
4	Q.	note ix is at the bottom of page 6:
4 5	ω.	"Transfusion of blood or blood products received
6		in the last six months."
7		Then it says:
8		"6 months minimum depending on nature of disease
9		or injury."
10	A.	Yeah.
11	Q.	In any event, if we then go back to page 4, please,
12	ч.	I just want to pick up a couple of other conditions or
13		situations.
14		So the third item down here is "Drug abuse
15		Disqualify." Can you recall what procedures were to
16		try to assess whether somebody fell into that
17		category? Were there specific questions that were
18		asked or was it very much dependent upon that
10		information being volunteered?
	٨	
20 21	Α.	I don't think people are going to volunteer to answer and say, "Do you abuse drugs?" Looking back on this,
21		
44		you think that perhaps the wording being used was not
23		really appropriate
23 24		really appropriate.
24		"Am I drug abuser? Oh no, but I did use drugs

1		to use so that they could be more effective in
2		selecting donors.
3	Q.	And if we go to the next page, please, this sets out
4		the questions that the donor session clerk should ask
5		about medical history. And then we've got a number of
6		conditions listed. We can see AIDS would lead to
7		disqualification.
8		Blood transfusion in last six months is referred
9		to the medical officer. Can you recall what the
10		practice was in the Northern Region if there was
11		someone with a blood transfusion in the last six
12		months?
13	Α.	Well, they would be deferred, as far as I can recall.
14		For some reason I thought it was longer than six
15		months, but yes, we deferred blood donation within the
16		last six months. I see there in that document it
17		says, "Blood donation within 4 months",
18		"Action: Wait", which is don't take. In six months,
19		presumably meaning between four and six months, "Refer
20		to MO".
21		I'm not sure why there was that distinction
22		between four and six months. I'm not sure what the
23		logic behind that was. But this is the sort of
24		document we would have used, and so we would have
25		followed, you know, that instruction, "Refer to MO".
		178
1		Is that person a drug abuser? Do they consider
2		themselves to be a drug abuser? So I think, you know,
3		our wording is not that was not very good. I think
4		it changed later. But as to weeding out who might be
5		at risk, I don't think we we probably didn't do
6		a great job at it.
7	Q.	Then if we look further down the page, we've got:
8	-	"Hepatitis Refer to MO See appendix 1"
9		And we see the same at the top of the next page,
10		it says, "Jaundice Refer to MO See appendix
11		1".
12		If we just go to appendix 1, page 12, please.
10		

13 So we can see it's the fifth paragraph down, headed

# "Hepatitis". A. Yes.

16 Q. "Individuals who give a history of jaundice or

- 17 hepatitis or in whose blood anti-HBs is present may be
- 18 accepted as donors providing they have not suffered
- 19 from jaundice or hepatitis in the previous
- 20 twelve months, have not been in close contact with
- 21 hepatitis or received a blood transfusion of blood or22 blood products in the previous six months ..."
- 22blood products in the previous six months ..."23As far as you can recall was that the practice
- 24 at the Northern Region, that someone with a history of

180

25 jaundice or hepatitis could donate if it was more than

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1		12 months ago? And subject obviously to the HBsAG	
2	A.	I mean, at that time, you know at that time I don't	
3		recall that we would have done anything other than	
4		follow this. I certainly don't recall anyone saying	
5		we should have a different arrangement. We	
6		followed you know, in this case we followed these	
7		guidelines as they came out every few years. Yeah.	
8		I think that's I mean, I don't have documentary	
9		evidence to say that we did anything different. So	
10		yes, we would have followed this.	
11	Q.	Then if we come to guidance produced by the Northern	
12		Region itself, if we start with NHBT0007497, we can	
13		see a letter from you to Dr Gunson, January 1994	
14		saying:	
15		"I know you are now getting reasonably close to	
16		producing the Selection of Donors booklet. I thought	
17		you might like to see the version we have introduced.	
18		The main aim in producing this booklet was to put all	
19		the possible information together into one alphabetic	
20		section. This means staff are less likely to have to	
21		jump from one section of the book to another", and so	
22		on.	
23		Then if we go on to NHBT0007498, we've got the	
24		booklet or a version of it dated December 1993	
25	Α.	Yes.	
		181	
1	Q.	Then if we look towards the bottom half of this page,	
2		"Rationale":	
3		"There are two major considerations with regard	
4		to donating blood. These are:	
5		"(i) That all care should be taken to protect	
6		the voluntary donor from harm, and.	
7		"(ii) That the blood or plasma collected should	
8		be safe for its intended use.	
9		"In addition to this it is the policy of the	
10		NRBTS not to take donations of blood or plasma from	
11		donors unless at the time of collection, it is	
12		believed that the donation is suitable for use. It is	
13		unethical to accept donations from donors in the	
14		knowledge that the donation is unlikely to be used	
15 16		because it does not meet specifications. Unusable donations also represent waste of materials, money and	
10		conaucos also represent waste of materials money and	

- 16 donations also represent waste of materials, money and
- the time and effort of members of staff."
   Had that always been the policy of the Northern
- 19 Region or was that a shift which you introduced?
- A. That was a shift. Perhaps not as massive as it looks
   there. But we did collect ...[frozen screen]... it
   was --
- 23 Q. I'm sorry, Dr Lloyd --
- 24 A. -- remember we had -- sorry?
- 25 Q. You froze there for a moment. Sometimes when you

1	Q.	so probably what you were referring to in your
2		letter to Dr Gunson?
3	A.	Yes.
4	Q.	If we go to page 5, we can see, under the heading
5		"Introduction", it provides:
6		" the information required to assist staff of
7		the Northern Region Blood Transfusion Service in the
8		process of selecting Blood Donors and Donations with
9		regard to both the safety of the donor and the safety
10		of the donations for transfusion and for further
11		processing into plasma derived products."
12		Do you know whether there have been any or
13		can you recall whether there was any earlier version
14		of a locally produced booklet or was this the first
15		time that one had been produced?
16	Α.	I think this was the first one. It is marked as
17		Version 1. So I think don't think we produced an
18		earlier one of this. It took some time to produce
19		this and, as I say, it was part of our what we were
20		trying to do was make it easier for the staff to get
21		the information and use it. This was probably
22		introduced at about the same I think we introduced
23		the information on medication, might have been a bit
24		earlier but, yeah, I don't think we did anything
25		separate prior to this.
		182
4		freeze Lantithink welte leave whet you're arving
1 2		freeze I don't think we're losing what you're saying
2		but I think we might have done there.

- 3 A. Okay.
- 4 **Q.** So the last we heard was you said, "But we did collect", and then we lost you.
- 6 A. Okay, yes. We did collect donations that we couldn't 7 use. Our statistics, as we gradually built up our 8 information systems in the centre, we realised that we 9 were taking a lot of donations that weren't either 10 being used at all, or were only being partially used. And we felt that was not good for the Centre and it 11 12 wasn't good for the ...[frozen screen]... medical 13 staff meeting, there was a question about someone who was homosexual and, you know, should we take 14 15 a donation from them just, you know, so it looks nice 16 and then throw it away? Well, no, we shouldn't. 17 So it was a change. We were trying to do what
- 18 we said in this document and, obviously, we hadn't19 done it before this time.
- 20 Q. Then if we go to page 7, we've got the heading
- 21 "Medical Assessment":22 "In practice it is
  - "In practice it is impossible to perform a
- 23 complete medical and physical examination of every
- 24 prospective donor. A significant part of the
- 25 assessment procedure will usually rely on answers to

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1		simple standard questions relating to general health,
2		past medical history and medication. This is combined
3		with simple visual assessment of the donor and
4		selected testing of samples collected at the time of
5		donation."
6		Then the next paragraph refers to donors
7		undergoing medical investigations. Then this:
8		"Where doubt exists, the donor should be
9		deferred and permission obtained to contact the
10		Donor's [GP] or other appropriate Medical attendant."
11		Then:
12		"Any active and/or chronic disease which may be
13		transmissible, should be a reason for permanent
14		exclusion."
15		In terms of the "Where doubt exists, defer and
16		seek permission to contact the GP or other"
17	A.	Lost you. In terms of these?
18	Q.	The paragraph which begins "Where doubt exists, the
19		donor should be deferred"
20	A.	Yes.
21	Q.	was that a shift in policy at this time?
22	Α.	I think we were moving more to excluding, if we were
23		in doubt, rather than collecting the donation and
24		perhaps following up afterwards. Now, in terms of the
25		safety of the blood we collect, you might argue that
		185
1		recall that ever having happened in the past and so
2		now we were bringing medical officers in for
3		whether it was a day or an afternoon, I can't
3 4		-
		remember but we had training sessions. So we
4 5		remember but we had training sessions. So we you know, trying to change the, sort of, attitude and
4		remember but we had training sessions. So we
4 5 6	Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were
4 5 6 7	Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful.
4 5 6 7 8	Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that
4 5 6 7 8 9	Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they
4 5 7 8 9 10	Q. A.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before
4 5 7 8 9 10 11		remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm.
4 5 7 8 9 10 11	A.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible.
4 5 7 8 9 10 11 12 13	A.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with
4 5 7 8 9 10 11 12 13 14	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my
4 5 7 8 9 10 11 12 13 14 15	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then?
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4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my witness statement, you'll see a leaflet that we produced. You'll see it stands out. It's white with
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my witness statement, you'll see a leaflet that we produced. You'll see it stands out. It's white with a lot of red lettering on it and most of the text is
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my witness statement, you'll see a leaflet that we produced. You'll see it stands out. It's white with a lot of red lettering on it and most of the text is blue with headings in red. I can't remember what
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4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my witness statement, you'll see a leaflet that we produced. You'll see it stands out. It's white with a lot of red lettering on it and most of the text is blue with headings in red. I can't remember what number it was but we produced that was one of the things we produced and sent out with all the call-up.
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my witness statement, you'll see a leaflet that we produced. You'll see it stands out. It's white with a lot of red lettering on it and most of the text is blue with headings in red. I can't remember what number it was but we produced that was one of the things we produced and sent out with all the call-up. And that
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q.	remember but we had training sessions. So we you know, trying to change the, sort of, attitude and our approach, and it's very hard to know if we were successful. You talk in your statement about trying to ensure that donors were informed about donation criteria before attending, to avoid them wasting their time if they turned out to be ineligible. Mm. Was that done by sending out standard literature with the call-up cards, then? Well, in one of my documents that I attached to my witness statement, you'll see a leaflet that we produced. You'll see it stands out. It's white with a lot of red lettering on it and most of the text is blue with headings in red. I can't remember what number it was but we produced that was one of the things we produced and sent out with all the call-up. And that You know, the thought process, if you've come to

lood	lood Inquiry 8 February 202				
1		that doesn't make a big difference, as long as you			
2		have a doubt, and that is acted upon, donation is put			
3		on hold, and then we follow it up. That's probably			
4		not a dramatic change because we were all you know,			
5		we'd always done that. But what we're trying to do is			
6		actually not take the donation in the first place.			
7	Q.	We can take that down. Thank you.			
, 8	ч.	What systems or processes did you put in place			
9		to try and avoid donors whose donation might well end			
10		up getting rejected from attending in the first place?			
11		How did you tackle that issue?			
12	A.	I mean, two things. One is with a document like the			
13	л.	selection document you've just seen, and working with			
14		the staff to who went out and did this work, to try			
15		to, you know when I started, there were very few			
16		training sessions for anybody. So, you know, we			
17		gradually introduced more training, gradually			
18		introduced standard operating procedures, which staff			
19		were required to read and understand and be shown to			
20		understand. So that we were trying to get the session			
21		staff to understand what we were trying to do as			
22		an organisation.			
23		So we did a lot more training and I think for			
24		the first time we started having training sessions			
25		back in the Centre for the medical officers. I don't			
		186			
		100			
1		and then we go into the peer pressure thing, and			
2		you're presented with an AIDS leaflet at the session,			
3		that's a little bit late, a little bit harder to get			
4		out. If you've had that in the privacy you know,			
5		a letter sent to you personally, you might be able to			
6		make an informed decision prior to making going out			
7		to a session. So try and give them more information.			
8		And it wasn't just about, sort of, the safety			
9		issue it was also about looking after the donors and			
10		making things easier. There were a lot of simple			
11		things where donors are not able to donate, so and			
12		they only found that out after they'd come to the			
13		session. So give them that information before the			
14		session, it may save them the journey to a church			
15		hall, which might be, you know, a few miles away. And			
16		so it will save them time and effort and hopefully			
17		mean that if circumstances change they'll be more			
18		prepared to come back again.			
19	Q.	The letter that you referred to that you exhibited to			
20		your statement is WITN6935020.			
21	Α.	Yes.			
22	Q.	It's not, I think, dated but I think it must be after			
23		1989 because, if we just look at the letter on the			
24		right-hand side:			
25		"Dear Depor			

25 "Dear Donor,

1		"On behalf of the Blood Transfusion Service in
2		the North East and Cumbria, I would like to take this
3		opportunity to thank you for your willingness"
4	Α.	Yes, we put a date.
5	Q.	"to help us by donating blood.
6		"During 1989 there was an increased demand for
7		blood and blood components and I am very pleased to
8		say that many more donations of blood were given,
9		helping us to meet that need. This year it is clear
10		that even more blood is being used and still more
11		donors will be needed."
12		Then the next paragraph talks about the value
13		placed upon the voluntary nature of the donation.
14		Then if we just go, next paragraph down:
15		"In this leaflet there is information about
16		donating blood which I hope you will find useful. In
17 10		particular it is designed to help avoid the annoying
18 19		situation where after going to a blood donor session
20		you find that your donation cannot be accepted because you may have taken some tablets recently, or perhaps
20		you have travelled to certain foreign countries
22		recently."
23		Then there's an opportunity to telephone
24		a number for further information, and then the next
25		paragraph says:
LU		189
		109
4		nut out
1	0	put out. Then, if Lean ack you to look at your statement
2	Q.	Then, if I can ask you to look at your statement,
2 3	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the
2 3 4	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it.
2 3 4 5	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over
2 3 4 5 6	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say:
2 3 4 5 6 7	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for
2 3 4 5 6 7 8	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the
2 3 4 5 6 7 8 9	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process."
2 3 4 5 6 7 8 9 10	Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the
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2 3 4 5 6 7 8 9 10		Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process." What kind of limitations were you referring to
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2 3 4 5 6 7 8 9 10 11 12 13 13		Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process." What kind of limitations were you referring to there? The donation process doesn't mean, in that context, just putting the needle in the arm. It's the whole process of the session, and selecting the donor and
2 3 4 5 6 7 8 9 10 11 12 13 14 15		Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process." What kind of limitations were you referring to there? The donation process doesn't mean, in that context, just putting the needle in the arm. It's the whole process of the session, and selecting the donor and so it is the whole process. So and then it refers
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process." What kind of limitations were you referring to there? The donation process doesn't mean, in that context, just putting the needle in the arm. It's the whole process of the session, and selecting the donor and so it is the whole process. So and then it refers to the fact that new documentation was produced to support the clerical staff, providing clear information. So we this is part of this process: let's not do what we did in the past and collect blood for which
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	A. Q.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process." What kind of limitations were you referring to there? The donation process doesn't mean, in that context, just putting the needle in the arm. It's the whole process of the session, and selecting the donor and so it is the whole process. So and then it refers to the fact that new documentation was produced to support the clerical staff, providing clear information. So we this is part of this process: let's not do what we did in the past and collect blood for which we really had no use. We can take that down It's not fair to the donors. And then what, if any, systems were in place at the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. Q. A.	Then, if I can ask you to look at your statement, WITN6935001, page 10. It'll be the bottom half of the page, please, Sully, when we get to it. So, in that long paragraph at the end, just over halfway down, you say: "In the past many donations were labelled for 'laboratory use' because of limitations in the donation process." What kind of limitations were you referring to there? The donation process doesn't mean, in that context, just putting the needle in the arm. It's the whole process of the session, and selecting the donor and so it is the whole process. So and then it refers to the fact that new documentation was produced to support the clerical staff, providing clear information. So we this is part of this process: let's not do what we did in the past and collect blood for which we really had no use. We can take that down It's not fair to the donors.

BIUUU	IIIN	aniy o Peblualy 2022
1		" I hope that this leaflet will help you
2		avoid a wasted journey or a long wait at the session."
3		I'm going to ask you separately about some
4		specific issues relating to the AIDS leaflets but, in
5		terms of this kind of letter, this personal letter
6		being sent out to donors, was this the first time that
7		this was done in 1990, probably, I think, or was this
8		something that had been done earlier, do you know?
9	A.	Oh dear, I can't remember. I happen to have a copy of
10		this leaflet in one of my old files here. So, you
11		know, it sort of brought it back. But I can't
12		remember it's the sort of thing that we would
13		have we were trying to do. So I wouldn't be
14		surprised if we hadn't done it a little bit earlier
15		but, you know, 1990, did we do it before 1990
16		[frozen screen] first.
17	Q.	l'm sorry
18	Α.	given the timing and, oh
19	Q.	We missed a bit there. So you said
20	Α.	Okay.
21	Q.	you asked the rhetorical question: did we do it
22		before 1990? Then we lost it for a few seconds.
23	Α.	Okay. Looking at the timing and thinking back about
24		our thought processes of changing how we, you know,
25		dealt with donors, this is probably the first one we
		190
1		had been excluded from giving blood in your region
2		would not give blood in another region? Was there any
3		way of ensuring that?
4	A.	Oh no, no, I don't think so. If we excluded someone,
5		I don't think there was any I don't recall sort of
6		a system of broadcasting that information to other
7		transfusion centres.
8	Q.	And do you recall any occasions in which your service
9	-	was notified by another regional service of a donor
10		who'd been excluded? Or deferred?
11	A.	I do not recall that happening. It's a lot of years
12		ago, but I don't recall it, no.
13	Q.	I just then want to pick up on a couple of what might
14		be regarded as high-risk groups. So prison donations,
15		first of all. If we look at NHBT0008628_001. This is
16		a document that was put up together for a Scottish
17		Transfusion Directors' meeting in September 1983. It
18		says:
19		"Telephoned survey"
20	Α.	Yes.
21	Q.	" of England and Wales Transfusion Centres
22		regarding use of prisons as a source of donor blood."
23	Α.	Yes.
24	Q.	I think this may have been an exercise undertaken by
25		Dr Brookes, but I
		192 (48) Pages 189 - 192
		, , <b>G</b>

INQY1000182\_0048

1	A.	I think it probably was.	
2	Q.	And obviously it sets out the position in relation to	
3		a number of regions. But if we go over the page, the	
4		second region is yours, Newcastle.	
5		"Long ago stopped holding session is Durham and	
6		Northallerton but continued to use an 'Open' prison in	
7		West Cumberland which housed 'civil crime' prisoners	
8		(bigamy, fraud, etc).	
9		"Latterly they had noticed an increase in	
10		incidence of hepatitis B markers and discovered that	
11		prisoners from Walton Jail (Liverpool) were being sent	
12		there for their pre-release 6 months.	
13		"This session has now been dropped, so that	
14		Newcastle now holds no prison sessions."	
15		Now that's as at autumn 1983. Do you know	
16		yourself how long before that this practice had been	
17		dropped?	
18	Α.	No, I don't. I mean, I do you know, I recall, and	
19		I think I said it in my initial witness statement,	
20		that I thought we didn't hold sessions at prisons, in	
21		my time, and I mean by that going back to 1981,	
22		1980/81, when I first worked in the transfusion	
23		centre. But then I saw this, and obviously it makes	
24 25		it possible that we held sessions at that facility in Cumberland after 1981, but prior to[frozen	
20		193	
		195	
1	A.	That's my best recollection. I sort of feel that it	
2	71.	was something that she told me early on, certainly	
3		when I was still a registrar, or locum registrar. So	
4		it's the '80/81, possibly '82, but I sort of feel that	
5		it was probably in the earlier part because I do	
6		recall, you know, this thing: we don't do sessions in	
7		prisons anymore. And that came from other people as	
8		well.	
9	Q.	You tell us in your statement this, you say:	
10		"I recall from informal discussion with staff in	
11		the Centre that it was known that prisoners were given	
12		privileges for donations such as cigarettes. This	
13		went against our policy	
14	Α.	Yes.	
15	Q.	of not offering inducements to donate."	
16	Α.	Mm-hm.	
17	Q.	Were you being told or led to understand that that was	
18		something that was being given out by the Transfusion	
19		Service or by the prison?	
20	Α.	I mean, first of all, that was not those sessions	
21		weren't occurring at the time. This was a historical	
22		information. But those the cigarettes were given	
23		out, as far as I you know, they were given out by	
24		the prison staff. We didn't unless I'm extremely	

25 mistaken, we didn't supply cigarettes. But I think

<ol> <li>stopped actually telling me this information: that</li> <li>they had stopped taking blood from prisons because o</li> <li>the higher rate of hepatitis B markers. So she did</li> </ol>	f
	-
5 tell me that. And she would have[frozen	
6 screen] one maybe, you know, I can't be absolutely	
7 sure but it was in that early phase when I was first	
8 starting working there, and I recall her telling me	
9 about this.	
10 <b>Q.</b> We lost you for a couple of seconds, a couple of	
11 occasions, Dr Lloyd. I'm just going to read back	
12 broadly what you said and see whether we caught all	
13 of it.	
14 So you said it may be "possible that we held	
15 sessions at that facility in Cumberland after 1981".	
16 Then you referred to Dr Collins telling you that	
17 they'd stopped because of the higher rate of	
18 hepatitis B markers.	
19 <b>A.</b> Mm-hm.	
20 Q. Then you say you can't be sure but it was in that	
21 early phase when you first started working there and	
22 you recall her telling you about this.	
23 So is it right to understand it's in the 1980/81	
24 period that is your best recollection of when she told	
25 you this?	
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1 the prisoners would get a benefit of some cigarettes	
2 for donating. And that came from the prison.	
3 <b>Q.</b> And then do you recall whether the Northern Region	
4 collected blood from military institutions, barracks	
5 or Air Force bases or the like?	
6 <b>A.</b> Yes, we did. I'm pretty sure that we went to	
7 Catterick barracks, near Northallerton, actually in	

- 8 north Yorkshire. And we also went to a small --
- 9 I think it was -- I can't remember if was run by the
- 10 Royal Navy or the Royal Air Force, a munitions depot
- 11 in the Carlisle area. So we certainly did those two.
- 12 The munitions depot would have been a slightly
- 13 different beast to the Catterick garrison, but yes, I
- 14 believe we did.
- 15 Q. And were there any US bases where donation sessions16 were held?
- 17 A. No, as far as I -- well, I know we didn't do any
- 18 sessions at US bases, and I don't know that there were
- 19 any US bases in our region. There might have been an
- 20 Air Force base and some facilities around the North
- 21 York Moors, but no, we didn't do any sessions at US22 bases.
- 23 Q. Can you recall whether any active consideration was24 given to the position of those donating at military
- 25 sessions, that, again, they may not be truly voluntary

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1		or it may be even more difficult for them to admit to
2		high-risk activities than it might be in other
3		settings?
4	Α.	Yeah, yeah. Yes. No, I don't think we did give
5		consideration to it. I don't recall us discussing
6		that. So yes, they you know, "You, you and you
7		will donate today". It's certainly possible.
8	Q.	And then you referred earlier to the position of
9		people coming along with family members to donate and
10		the difficulties that might arise there.
11	Α.	Mm-hm.
12	Q.	I just want to pick that up by reference to a document
13		you exhibited to your statement, WITN6935018.
14		Some notes, I think authored by you, headed
15		"Transfusion - Do We Have Any Choice?" I'm going to
16		come back to what you say elsewhere in this document
17		tomorrow, but if we just turn to page 4, halfway down
18		the page it says:
19		"This leaves two more areas:
20		"Predeposit and something that I have not
21		mentioned before - Directed donations."
22		Then you say:
23		"Directed donations are those made by family or
24		friends for a patient. This sounds like a good idea.
25		My 'brother', 'sister', 'aunt', 'uncle', 'best
		197

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1		family to donate for another family member or for
2		a friend in hospital, so we direct the donations
3		because they must be safer. And I was saying: well,
4		no, there's not really any evidence that they're
5		safer. And in fact they may be less safe because they
6		are under social pressure, as you've alluded to in
7		other cases, they're under social pressure to donate.
8		So I perhaps around that time directed donations
9		was something being talked about, so I thought it
10		would be a good thing to bring up in a talk.
11	Q.	I want to then pick up the issue of AIDS. How and
12		when, as far as you can recall, did you first become
13		aware of AIDS and it's potential transformation
14		through blood or blood products?
15	Α.	It's hard to remember when. I mean, you know, during
16		training, you know, you read a lot so you know that
17		there's a problem. And, you know, I recall reading
18		the the earliest journal articles talking about
19		this new disease, that something was happening. So,
20		you know, we're going back to the very early days of
21		this, because I recall these articles and they're
22		saying, "Well, we don't know what's causing it".
23		There were even people saying with haemophiliacs it
24		might be due to some odd change in the constitution of
25		Factor VIII by fractionation which is impairing their

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d Blood	d Inc	quiry 8 February 2022
1		friend', 'neighbour' cannot possibly be at risk of
2		HIV/Hepatitis/Venereal Disease etc, hence much safer
3		than the blood donor."
4		Then if we look in the next sorry, at the
5		bottom of the page. You say:
6		" Voluntary donors are safer."
7		This is the last three lines:
8		"Family members who are not volunteer donors are
9		therefore ordinary members of the population with
10		a higher risk of HIV infection and other infections."
11		We haven't, I think, with other witnesses,
12		discussed this particular category of potential
13		donors, the directed donation. What was your thinking
14		here?
15	Α.	I mean, these were just notes I made for myself ready
16		to give a talk at a hospital at a hospital I
17		anyway. Um, my thought process, as you see there, it
18		can't you know, "Someone in my family can't possibly be at risk". You sort of have this innate
19		feeling that your family and friends must be, you
20 21		know, very good, very clean living or whatever. And
21		so if you and this was very much about directed
22		donations not going to an ordinary voluntary session.
23	Q.	Yes.
25	A.	So it would be nice to you know: let's get our
20		198
1		immune system.
2		So I've been aware of transmission certainly
3		since, you know, some of those early articles started
4		to confirm out in the States.
5	Q.	Again, putting it back in the context of your own
6		career, you were in that period, 1982 through to say
7		1984, that was your I think senior registrar training
8		when you were doing the rotation between the different
9		hospitals?
10	A.	Mm-hm.
11 12	Q.	So do you recall any sense in the haematology
12 13		community at that time any particular sense of urgency
13	A.	or concern about the potential threat that AIDS posed? Goodness. Um I don't recall that terrific sense
14	Π.	of urgency. I mean, I recall seeing some of the first
16		haemophiliacs who were exhibiting signs and symptoms
17		associated with AIDS when I was at the RVI. So, you
18		know, people we knew there was this was going
19		on, this was happening, but did we know it was
20		happening amongst non-haemophiliacs? People receiving
21		regular transfusions? No, I don't think we did.
		J

regular transfusions? No, I don't think we did. 22 It would have been unusual, because the number 23 of people we -- donors we picked up once we started

24 testing for HIV, the numbers were very, very small.

25 So the likelihood of this being an issue that was

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1		being brought to people's attention on a regular
2		basis, with people getting it from transfusion in the
3		Northern Region was low. We knew about it from other
4		regions, and certainly I don't think there was
5		a terrific I don't feel a terrific sense of urgency
6		amongst the general transfusion population you
7		know, haematologists. But you should ask them.
8	Q.	And just in terms of seeing haemophiliac patients with
9		early signs at the Royal Victoria Infirmary, again,
10		just trying to put that in a chronological context,
11		you told us earlier that you thought your RVI
12		placement was the third of the three.
13	Α.	Mm-hm.
14	Q.	So would that have been around 1986, then, that you
15		were there?
16	Α.	Um[frozen screen] '86, I'm trying to
17		I honestly, you know, my one of the things I found
18		about this whole business is that I have difficulty
19		putting things into sort of chronological order, and
20		I do find at times that I am not quite sure. So
21		I wouldn't like to be sure but I, you know, as you
22		said, I believe my RVI placement was the third of four
23		in that block so it would have been in the latter
24		part. So you're probably about right.
25	Q.	Then perhaps just one more document before we finish

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1		second paragraph under that records:
2		"The transmission by blood or blood products is
3		now well documented, and this includes 'needle stick'
4		injuries in staff handling infected materials,
5		intravenous drug abusers sharing needles and patients
6		receiving blood or certain blood products. It appears
7		that Human Albumin Solutions (PPF) do not transmit the
8		virus, nor do intramuscular preparations of
9		immunoglobulin. Factor VIII concentrate is known to
10		transmit HTLVIII, and one case is documented of
11		a patient who had received only UK produced
12		[Factor VIII] concentrate developing AIDS."
13		Then if we just go to the next page, it's the
14		last long paragraph
15	Α.	You can see there's a lot of pages a lot of pages
16		missing. I think that has "Page 12" at the top.
17	Q.	It does.
18	Α.	I didn't attempt to reproduce the whole thing.
19	Q.	It says:
20		"Prospects for limiting the spread of the
21		disease including encouraging homosexual men to limit
22		the number of partners they have, to use condoms, and
23		presumably once known to be HTLVIII antibody positive,
24		to refrain from sexual contact."
25		Then you go on to talk about the implications
		202

1		for today, WITN6935027. These are handwritten notes.
2		Are they your handwritten notes?
3	A.	They are indeed.
4	Q.	They're remarkably legible, in that case:
5		"The Acquired Immunodeficiency Syndrome and the
6		Human T-Lymphotrophic Leukaemia Viruses.
7		"Notes made at a symposium held at the London
8		School of Hygiene and Tropical Medicine on
9		3rd April 1985. With some additional material from
10		a Brief review published in Blood, February 1985, and
11		the Interim guidelines from the Advisory Committee on
12		Dangerous Pathogens."
13		So it looks, Dr Lloyd, as though you attended
14		this symposium in April 1985. Can you recall what
15		prompted you to attend?
16	Α.	This was a major issue I mean, AIDS and so, yes,
17		I wanted to go to this. It wasn't just a, sort of,
18		a routine one of the conferences coming up.
19		I certainly wanted to go to this. It was and as
20		you can see I mean, what you see here, I only
21		reproduced a couple of pages, the first and last, and
22		perhaps the one in the middle. It was a longer
23		document and I took a lot of notes.
24	Q.	If we go to the second page, there's a heading, nearly
25		halfway down, "Mode of Transmission", and then the
		202

1 for transfusion:

1		
2		"For blood transfusion, all donations should be
3		screened for HTLVIII antibody as tests are now
4		available, although not yet as commercial kits.
5		Potential donors from risk groups must be excluded as
6		far as possible. Effective literature and advertising
7		campaigns should be used. All plasma for processing
8		should be tested and treatment of finished products
9		should be carried out to render the product
10		non-infective. Heat treatment of [Factor VIII]
11		concentrate may render the product non-infective, but
12		at the cost of a 50% reduction in potency and a
13		resultant increase in [cost]."
14		So do you recall anything more in relation to
15		that symposium, any further discussions about the
16		implications for blood transfusion and the measures
17		that should be implemented in the Transfusion Service?
18	Α.	No, I don't. I mean, I have the document, and if you
19		want to see my whole document, I'm quite happy to scan
20		it and let you read it. But now, off the top of my
21		head, I can't remember all the other things that
22		were that I wrote. But, obviously, this sort of
23		colours your informs your view of the issues,
24		certainly. I mean, we can see that we've got
25		a problem.
		00.4

	TI
1	SIR BRIAN LANGSTAFF: Well, a slightly different tack, can
2	we just go back to the page before?
3	MS RICHARDS: Yes, it's page 2. WITN6935027, page 2.
4	SIR BRIAN LANGSTAFF: It's not this page, maybe the next
5	page, maybe the page before that.
6	Yes, I think this is it, thank you.
7	Just something that caught my eye as we flicked
8	through this, it's the third sentence under
9	"Introduction":
10	"The number of cases of AIDS reported to the
11	Communicable Disease Surveillance Centre at Colindale
12	was 140 as at March 1985."
13	So the context of this is, as you have set out
14	from the seminar earlier, that 140 had been reported,
15	it's a figure which doubles every six months or so.
16	So that gives some idea of the background, against
17	which you were considering screening and safety of
18	donations.
19	A. Mm-hm. Oh yes.
20	SIR BRIAN LANGSTAFF: Those were the cases of AIDS, so
24	that's the manifestation of an infection which if

- 21 that's the manifestation of an infection, which, if
- 22 the cases of AIDS are doubling, the infection must
- 23 have been doubling before that, so it all depends how
- long people have actually been infected, and --A. Yes.
  - 100.

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1	the English experience in as at March '85 in the
2	States, it's recording over a thousand cases by the
3	end of '86, or suggesting. Yes, thank you very much.
4	MS RICHARDS: Sir, I'm going to pick up next with
5	Dr Lloyd's some of the measures that he referred to
6	on the page we looked at a few minutes ago, how they
7	were implemented in Newcastle in terms of leaflets and
8	so on, but given the time, perhaps we should pick that
9	up tomorrow morning.
10	SIR BRIAN LANGSTAFF: Yes.
11	MS RICHARDS: Tomorrow afternoon, Dr Lloyd's tomorrow
12	morning.
13	SIR BRIAN LANGSTAFF: Dr Lloyd, your 8 o'clock again, if
14	you're kind enough to be with us in your early
15	morning, we should be very grateful.
16	For us
17	A. That's absolutely no problem.
18	SIR BRIAN LANGSTAFF: For us, it's 10.00 in the morning
19	for our next presentation.
20	MS RICHARDS: Yes, and then we'll pick matters up with
21	Dr Lloyd at 1.00 tomorrow, our time.
22	SIR BRIAN LANGSTAFF: So until 10.00. Thank you very
23	much.
24	(5.32 pm)
25	(The hearing adjourned until 10.00 am the following day)
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1000	mo	ury 8 February 20
1	SIR	BRIAN LANGSTAFF: been able to pass it on.
2	Α.	Yes.
3	SIR	BRIAN LANGSTAFF: So if one traces it back, there
4		could be actually quite a lot of people in society who
5		might unwittingly wish to donate blood who would be
6		coming forward.
7	Α.	Yes, the number you know, you go well, as I'm
8		sure you know, I'm sorry, you start off by getting
9		infected and you don't there's virtually no
10		indication that you're infected. Then there's
11		a period of whether it was, you know, depending on
12		the person, one, two, three, four, five years while
13		they're infectious but haven't got any overt symptoms.
14		So that's significant, particularly in the period
15		before HIV testing.
16		After HIV testing was introduced, the really
17		significant period is that bit between being infected
18		and becoming antibody positive and presumably a small
19		number of people going on who were infectious but
20		weren't seroconverting, weren't becoming HIV positive.
21		But, you know, this meeting, you know, does it
22		really opened your eyes.
23	SIR	BRIAN LANGSTAFF: Yes.

- 24 A. This was a significant issue we're going to face.
- 25 SIR BRIAN LANGSTAFF: And it goes on to say that that's 206

1	
2	Presentation by COUNSEL TO THE INQUIRY about THE WESSEX REGIONAL BLOOD TRANSFUSION CENTRE
3	
4	DR HUW LAWRENCE LLOYD (affirmed) 72
5	Questioned by MS RICHARDS 72
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	45/23 47/14 75/7 98/4	87/23	12.03 [1] 71/18	1970s [5] 106/21	142/10 144/8 145/4
MS RICHARDS: [21]	'84 [3] 40/2 53/17 98/5	008 [1] 27/4	12.59 [1] 71/20	133/11 133/18 156/2	146/13 153/16 167/23
72/23 83/25 84/2	'85 [7] 70/22 98/3 98/6		120,000 [1] 100/5	176/6	177/6 177/12 202/9
84/21 84/23 85/2	142/10 147/13 150/12		<b>13 [1]</b> 96/19	<b>1971 [5]</b> 8/19 33/25	202/10 202/14 205/12
88/10 117/6 117/11					
117/25 118/4 120/22	207/1	<b>013 [1]</b> 41/5	13 December 1971 [1]	38/21 38/24 39/2	<b>1985/6 [1]</b> 95/4
166/6 166/16 166/23	<b>'85/'86 [2]</b> 147/13	<b>014 [1]</b> 40/18	39/2	<b>1972 [3]</b> 10/2 11/8	<b>1986 [7]</b> 70/14 88/13
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207/4 207/11 207/20	<b>'86 [4]</b> 147/13 150/12	<b>022 [1]</b> 138/19	35/17	<b>1973 [1]</b> 31/2	138/21 201/14
MS SCOTT: [47] 1/6	201/16 207/3	<b>039 [1]</b> 123/7	13 March 1982 [1]	<b>1974 [9]</b> 6/4 6/17 9/11	<b>1987 [9]</b> 2/20 8/11
1/8 1/10 5/5 5/12 5/16	'87 [3] 109/6 176/7	<b>040 [1]</b> 68/16	22/11	30/17 30/19 32/22	76/18 77/25 78/2
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12/21 13/20 13/22	'88 [5] 23/4 23/21	050 [1] 65/15	13.9.83 [1] 12/23	73/5 161/20	<b>1988 [17]</b> 1/22 23/2
17/6 20/8 20/11 20/14	24/14 100/11 176/7	<b>052 [4]</b> 83/19 83/21	14 August 1989 [1]	<b>1976 [2]</b> 3/5 25/14	24/1 24/19 25/10
20/19 20/23 21/3	<b>'89 [1]</b> 109/1	84/3 84/4	153/3	<b>1977 [4]</b> 35/19 36/2	25/21 25/23 63/10
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42/8 42/17 50/23 51/1	<b>'94 [3]</b> 147/13 150/12	4	14 March 1991 [1]	21/1 73/5	1989 [11] 1/23 2/4
	150/15	1	120/4	1980 [23] 2/19 5/20	2/20 99/16 99/19
64/18 64/23 65/8 71/3	'99 [1] 24/15	1 April 1982 [1] 22/3	14 October 1985 [1]	5/21 6/14 6/22 13/25	100/11 115/22 153/3
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SIR BRIAN	<b>'B' [1]</b> 37/2	1 per [1] 149/16	<b>140 [2]</b> 205/12 205/14	17/13 17/25 20/7 21/6	<b>1990 [10]</b> 1/14 1/18
LANGSTAFF: [76]	'best [1] 197/25	1 pm [1] 72/7	<b>142 [1]</b> 8/20	21/10 55/5 59/8 73/9	2/6 2/8 2/11 177/14
1/5 1/7 1/9 5/3 5/6		1 September 1980 [1]		73/10 80/13 81/8	190/7 190/15 190/15
5/13 5/17 11/21 12/7	<b>'brother'</b> [1] 197/25	6/22	14th February 1983		
12/17 12/20 13/18	'civil [1] 193/7		<b>[1]</b> 66/5	135/12 162/9	190/22
13/21 17/5 20/3 20/9	'Illness [1] 101/5	<b>1,000 [2]</b> 32/6 159/24	14th March [1] 15/7	<b>1980/81 [2]</b> 193/22	1990s [1] 164/3
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21/2 21/9 21/13 21/21	'lost [1] 135/21	<b>1.00 [6]</b> 71/7 71/8 71/9		1980s [8] 2/20 77/23	1992 [1] 161/5
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(85) yes... - zoom