

Survey of Patients Treated at Haemophilia Centres in the U.K.

Annual Return for 1976

of materials used to treat patients having haemophilia or Christmas disease****

Centre: Liverpool Royal Infirmary Director: Dr. F. E. BoultonTotal number of haemophilic patients treated during the year*: 46Number with Factor VIII antibodies: Total number of Christmas disease patients treated during the year**: 7Number with Factor IX antibodies: 0

Total amount of material used to treat these patients during the year:-

Type of Material Used	No. of bottles etc. used	Amount used (units of activity)	
		F.VIII units (for haemophilic patients)	F.IX units (for Christmas disease patients)
Plasma	0		
Cryoprecipitate	6460	(approx. 460,000)	
NHS Human Factor VIII Concentrate	26 bottles	12532	
Abbott Factor VIII Concentrate (Profilate)	27 bottles	11826	
Armour Factor VIII Concentrate (Factorate)	6 bottles	1485	
Cutters Factor VIII Concentrate (Koste)	-	-	
Hyland Factor VIII Concentrate (Hemofil)	17 bottles	8809	
Immuno Factor VIII Concentrate (Kryobulin)	851	365545	
Other Human Factor VIII Concentrate***	-	-	
Bovine/Porcine Factor VIII Concentrate	-	-	
NHS Factor IX Concentrate	82	45120	<u>45120</u> 49,201
Commercial Factor IX Concentrate***	-	-	-
Other Materials (please specify)	-	-	-

* Please supply details on Form A(2)

**Please supply details on Form A(3)

*** Please give name of manufacturer and/or trade name of product

**** Please do not include von Willebrand's disease patients or carriers of haemophilia or Christmas disease on this form - see Forms A(4)-A(8).

Deaths during the year:-

Name of Patient	Diagnosis	Date of Birth	Date of Death	Cause of Death
GRO-A	Haemophilia	GRO-A .16.	GRO-A 1976	Cerebral haemorrhage; Patient had recently been found to be hypertensive, but was on hypotensive drugs.
GRO-A	Haemophilia	GRO-A .52.	GRO-A .76.	Road Traffic Accident.

Survey of Patients Treated at Haemophilia Centres in the U.K.Annual Return for 1976 - von Willebrand's Disease PatientsCentre: Liverpool Royal InfirmaryTotal number of patients with von Willebrand's disease treated during the year*: 6

Material(s) used to treat these patients:-

Type of Material Used	No. of bottles etc. used	Amount used (factor VIII units)
Plasma	0	
Cryoprecipitate	113	approx. 8,000 u.
NHS Human Factor VIII Concentrate		
Abbott Factor VIII Concentrate		
Armour Factor VIII Concentrate		
Cutters Factor VIII Concentrate		
Hyland Factor VIII Concentrate		
Immuno Factor VIII Concentrate		
Other Human Factor VIII Concentrate**		
Bovine/Porcine Factor VIII Concentrate		
Other Materials (Please specify)	Oxford Factor IX concentrate	14 bottles *

* Please supply details on Form A (8)

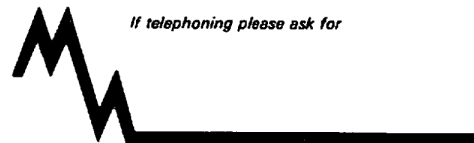
** Please give name of manufacturer and/or trade name of product.

* To GRO-A, prior to correct diagnosis being made. (N.B., this boy had a deep cut, and bleeding was considerably diminished during Factor IX therapy (!). The reason for the earlier diagnosis has not been traced)



Liverpool Area Health Authority (Teaching)
Central and Southern District (Teaching)

Liverpool Royal Infirmary



If telephoning please ask for

PEMBROKE PLACE
LIVERPOOL L3 5PU
TEL: 051-709 5511

YOUR REF

OUR REF FEB/CS

23rd September 1977

Miss Spooner,
Oxford Haemophilia Centre,
Medical Research Council Laboratory,
Churchill Hospital,
HEADINGTON,
Oxford.

ack 24/9

Dear Miss Spooner,

I recall, rather shamefacedly, that when I saw you in Oxford on the day of Dr. Biggs's retirement I promised to send you our Annual Return at the earliest opportunity. All I can say is that the final compilation has not been quite so easy as some of our medical records have the annoying habit of going missing just when they are wanted.

However, this is the best I can offer you at this stage. As you will remember from a telephone call some months ago I feel that I am not able to take part in Dr. Kirk's jaundice survey, and this is a bit regrettable as two of our patients have had some form of hepatitis during 1976/77.

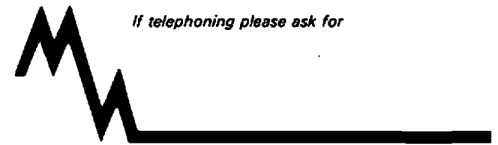
I would like to amplify a little bit on these two cases.

1/3332 Mr. GRO-A. This man was treated with a batch of Kryobulin to cover a vasectomy, but unfortunately the doctors who withdrew the material failed to observe the departmental rule of the registration of batch numbers, etc. This has been a salutary lesson to me, and I have tightened up our recording procedures, but I must comment that with the best will in the world, little can be done about doctors who fail to observe the rules. However, the batch of Kryobulin used was almost certainly that which I have described in Appendix C. There were other batches of Kryobulin in stock, and I would be very happy to inform you of their details if other batches have been implicated in any hepatitis outbreak. I might also add that Mr. GRO-A had the misfortune to contract a very mild form of hepatitis while I was out of the country at the end of last year, and the fact that he had contracted jaundice did not come to my attention until I eventually located his notes about a month ago. I can only apologise for the extremely bad light in which this has put the whole system at the Royal Infirmary.



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OUR REF

- 2 -

Miss Spooner

23rd September 1977

1/3242

The other person who contracted jaundice was Mr. GRO-A who has only recently come to my attention in spite of his age and life long disability. All the units of cryoprecipitate which were involved have been identified, and Dr. Lehane at the Transfusion Centre has been notified. In spite of his age I am not sure if Mr. GRO-A has been previously registered as a haemophilic and I have also put him down as a newly registered patient.

With regard to Form B2; there have been no more patients who have developed inhibitors to Factor VIII or IX in the last year, and I am, therefore, only sending you photocopies of the forms I sent you last year.

Many thanks.

Kind regards.

Yours sincerely,

GRO-C

F.E.Boulton
Consultant Haematologist

Annual Return for 1976

Centre: Liverpool Royal Infirmary.Haemophilic Patients treated during the year: ?

Name of Patient	D.O.B.	Basic Factor VIII Level %	Inhibitor Present (Yes/No*)	Jaundiced (Yes/No**)	On Regular Home Therapy from your Centre***
GRO-A	GRO-A 39	<1	No	No	Yes X✓
GRO-A	GRO-A 50	<1	No	No	Yes X✓
* GRO-A	GRO-A 15	mild ?	No	No	No
GRO-A	GRO-A 36	<1	No	No	No
GRO-A	GRO-A 57	<1	No	No	Yes ✓
GRO-A	GRO-A 58	<1	No	No	Yes ✓
*** GRO-A	VISITOR	-	-	-	-
GRO-A	GRO-A 53	20	No	No	No
GRO-A	GRO-A 19	<1	No	No	No
GRO-A	GRO-A 61	<1	No	No	Yes *
GRO-A	GRO-A 20	<1	No	No	No
**** GRO-A	GRO-A 58	<1	No	No	No
GRO-A	GRO-A 54	30	No	No	No
GRO-A	GRO-A 60	30	No	No	No
GRO-A	GRO-A 44		No	No	No
† GRO-A	GRO-A 52	<1	No	No	-
GRO-A	GRO-A 72	<1	No	No	Yes ✓
GRO-A	GRO-A 48	<1	No	No	No
GRO-A	GRO-A 27	<1	No	No	No
GRO-A	GRO-A 64	<1	No	No	Yes X

* If Yes, please complete and return Form B(2) unless the information requested on Form B(2) has already been sent to Oxford.

** If Yes, please complete and return Forms C and C(3) unless these have already been sent to Alton or Oxford.

*** Please enter "Yes" where appropriate.

* Visitor from Bristol.

† Deceased. GRO-A 76.

*** Visitors, unfortunately no note taken of home hospital.

**** Also registered at Royal Free Hospital, London.

Annual Return for 1976

Centre: Liverpool Royal Infirmary.Haemophilic Patients treated during the year:-

Name of Patient	D.O.B.	Basic Factor VIII Level %	Inhibitor Present (Yes/No*)	Jaundiced (Yes/No**)	On Regular Home Therapy from your Centre***
GRO-A	✓ GRO-A 64	< 1	No	No	Yes ✓
GRO-A *	✓ GRO-A 58.	< 1	No	No	No
GRO-A	✓ GRO-A 50.	< 1	No	No	No
GRO-A	✓ GRO-A 63.	< 1	Yes ✓	No	No
GRO-A	✓ GRO-A 57.	8	No	No	No
GRO-A	✓ GRO-A 39.	2	No	No	No
GRO-A	✓ GRO-A 32	12 #	No	No YES	No
GRO-A	✓ GRO-A 55.	< 1	No	No	No
GRO-A	✓ GRO-A 28.	5	No	No	No
GRO-A	✓ GRO-A 61.	< 1	No	No	Yes ✓
GRO-A	✓ GRO-A 25.	< 1	No	No	Yes ✓
GRO-A	✓ GRO-A 52.	< 1	No	No	Yes. ✓
GRO-A **	✓ GRO-A 58.	< 1	No	No	No
GRO-A **	✓ GRO-A 61	< 1	No	No	YES ✓
GRO-A	✓ GRO-A 54		No	No	No
GRO-A	✓ GRO-A 61.	< 1	No	No	No
GRO-A	✓ GRO-A 51.	< 1	No	No	Yes ✓
GRO-A	✓ GRO-A 07.	< 1	No	No	Yes ✓
GRO-A	✓ GRO-A 50.	< 1	No	No	No
GRO-A	✓ GRO-A 63.	< 1	No	No	No

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*** Please enter "Yes" where appropriate.

* Also under the care of Professor Bloom at Cardiff.

** Also under the care of Dr. T. Korn at C & A Hospital, Bangor.

Annual Return for 1976

Centre: Liverpool Royal InfirmaryHaemophilic Patients treated during the year:-

Name of Patient	D.O.B.	Basic Factor VIII Level %	Inhibitor Present (Yes/No*)	Jaundiced (Yes/No**)	On Regular Home Therapy from your Centre***
GRO-A *	GRO-A 54.	< 3	No	No	No
GRO-A †	GRO-A 16.	< 1	No	No	No
GRO-A x See B1	GRO-A 12.	18	No	No	No
GRO-A **	GRO-A 50	6	No	No	No
GRO-A x See B1	GRO-A 09.	< 1	No	No YES.	No
GRO-A	GRO-A 56.	20	No	No	No
GRO-A ***	GRO-A 58.		No	No	Yes. ✓
GRO-A		< 1	No	No	Yes ✓
† Deceased	GRO-A 1976.				
* In-Patient at the Promenade Hospital, Southport, following major road traffic accident in August 1976. Normally under the care of Manchester Haemophilia Centre.					
** Formerly registered at Kings College Hospital, London.					
*** Also under the care of Newcastle Haemophilia Centre.					

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*** Please enter "Yes" where appropriate.

Christmas disease patients treated during the year:-

HCDO0001093 0008

von Willebrand's Disease Patients treated during the year:-

[illegible]

HCDO0001093 0009