

Survey of Patients Treated at Haemophilia Centres in the U.K.Annual Return for 1977of materials used to treat patients having haemophilia or Christmas disease****Centre: MANCHESTER ROYAL INFIRMARYDirector: I. W. DELAMORE

Total number of haemophilic patients treated during the year*: _____

128

Number with Factor VIII antibodies: _____

41

Total number of Christmas disease patients treated during the year**: _____

17

Number with Factor IX antibodies: _____

Nil

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			
Cryoprecipitate	9990	600,000 i.u.	
NHS Human Factor VIII Concentrate	3729	822,210 i.u.	
Abbott Factor VIII Concentrate (Profilate)	23	6440 i.u.	
Armour Factor VIII Concentrate (Factorate)			
Cutters Factor VIII Concentrate (Koate)	320	170,870 i.u.	
Hyland Factor VIII Concentrate (Hemofil)	716	402,459 i.u.	
Immuno Factor VIII Concentrate (Kryobulin)	1214	404,855 i.u.	
Other Human Factor VIII Concentrate***			
Bovine/Porcine Factor VIII Concentrate			
NHS Factor IX Concentrate	493		279,230 i.u.
Commercial Factor IX Concentrate***			
Other Materials (please specify) FEIBA	138 142	129,600 122,200 i.u.	

* 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:-

NONE

Name of Patient	Diagnosis	Date of Birth	Date of Death	Cause of Death

Annual Returns for 1977

ref: ----- MANCHESTER ROYAL INFIRMARY -----

31 amount of material supplied during 1977 to Haemophilia A Patients on Home Treatment

Name of Material Supplied	Total Amount Supplied*			
	For All Haemophilia A Patients		For Haemophilia A Patients with anti-factor VIII antibodies	
	Bottles etc.	Factor VIII Units	Bottles etc.	Factor VIII Units
Precipitate	571	34,260 i.u.		
Human Factor VIII Concentrate	713	152,825 i.u.		
Factor VIII (Profilene)				
Factor VIII (Factorate)				
Factor VIII (Koate)	1	800 i.u.		
Factor VIII (Hemofil)	108	44,150 i.u.		
Factor VIII (Kryobulin)	775	260,882 i.u.		
Other Materials (please specify)				

Comments:

Please enter the factor VIII units of activity; if this information is not available, please enter the number of bottles etc. supplied. If the home treatment packs are made up and supplied for specified patients by another Centre (e.g. your Reference Centre) for collection only from your Centre, please indicate this in your reply.

Annual Returns for 1977Centre: MANCHESTER ROYAL INFIRMARY

Total amount of material used at the Centre for the treatment of Haemophilia A patients who have anti-factor VIII antibodies (i.e. excluding materials supplied for home treatment - see Form A(1a)).

Type of Material Used	Total Amount Used during 1977*	
	Bottles etc.	Factor VIII Units
Cryoprecipitate	126	7560
NHS Human Factor VIII Concentrate	38	8220
Abbott Factor VIII (Profilate)		
Armour Factor VIII (Factorate)		
Cutters Factor VIII (Koate)		
Hyland Factor VIII (Hemofil)	32	24180
Immuno Factor VIII (Kryobulin)		
Bovine Factor VIII		
Porcine Factor VIII		
Factor IX Conc. (please specify type)		(F.IX units)
Other Materials (please specify)	138 343 FEIBA	129,600

Comment:

Patent Pol. II History Dec 25.9.34. F.VIII 21/.

*Please enter the factor VIII units of activity; if this information is not available, please enter the number of bottles etc. used.

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate columns)									
						Plasma	Cryo	Factor F. VIII	Factor F. VIII	Edin. F. VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin
GRO-A	66	< 1%					✓	✓							
	.62	< 1%					✓	✓							✓
	57	6%					✓								
	30	< 1%					✓	✓							
	43	< 1%		YES ✓			✓	✓					✓	✓	
	.47	2% ?					✓								
	GRO-A 70	38%						✓							
	GRO-A 67	37%						✓							
	GRO-A 49	5%					✓	✓							
	.46	< 1%					✓	✓							

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: **MANCHESTER ROYAL INFIRMARY**

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate columns)												
						Plasma	Cryo	Oxford F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine
GRO-A	.26	< 1%					✓	✓						✓	✓			
	.36	1.6%					✓											
	58	< 1%					✓	✓				✓	✓					
	41	< 1%					✓	✓										
	.34	< 1%					✓	✓										
	.58	3%					✓	✓										
	GRO-A 58	< 1%					✓	✓										
	GRO-A 63	2%					✓	✓										
	GRO-A .37	Visitor											✓					
	53	< 1%					✓	✓										

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))									
						Plasma	Cryo	↙ Oxford F. VIII	Elstree F. VIII	Edin. F. VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin
GRO-A	GRO-A 59	<1%			YES		✓							✓	✓
	GRO-A .63	<1%			YES		✓								✓
	GRO-A 56	<1%			YES		✓	✓							
	GRO-A 54	<1%			YES		✓	✓							
	GRO-A 67	<1%			YES		✓	✓							
	GRO-A 60	<1%			YES		✓	✓							✓
	GRO-A 58	<1%			YES			✓					✓		
	GRO-A 58	<1%			YES			✓							
	GRO-A .44	2%			YES			✓							✓
	GRO-A 61	<1%			YES		✓								✓

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))													
						Plasma	Cryo	Oxford F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine	Other materials
GRO-A	66	< 1%					✓	✓											
	GRO-A 60	3%					✓												
	.51	6%					✓	✓				✓							
	.59	7%					✓												
	61	6%					✓	✓											
	.58	15%					✓												
	GRO-A .57	4%					✓	✓											
	.60	3%					✓	✓											
	55	< 1%					✓	✓											
	GRO-A 56	< 1%					✓	✓											
* Please enter "Yes" where appropriate																			

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))													
						Plasma	Cryo	Oxford F. VIII	Elstree F. VIII	Edin. F. VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F. VIII concs.	Bovine	Porcine	Other materials
GRO-A	GRO-A	.13.	14%					✓	✓										
		51	8%					✓											
		60	VISITOR					✓						✓					✓
		41	<1%					✓	✓										
	GRO-A	57	14.5%					✓	✓										
		56	<1%					✓	✓					✓					
		40	<1%					✓	✓					✓					
		57	<1%					✓	✓						✓				
	GRO-A	3.61	5%					✓	✓										
		1.27	<1%					✓	✓						✓	✓			

* Please enter "Yes" where appropriate

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))									
						Plasma	Cryo	Oxford F. VIII	Elstree F. VIII	Edin. F. VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin
GRO-A	44	< 1%			YES		✓	✓							✓
	.52	< 1%			YES			✓							
	GRO-A 55	< 1%			YES		✓	✓							
	53	< 1%			YES		✓							✓	
	GRO-A 51	< 1%			YES		✓	✓							
	32	< 1%			YES										✓
	.52	0%			YES			✓							✓
	GRO-A 31	4%		YES ✓	YES	✓		✓							✓
	35	< 1%			YES	✓		✓							
	55	< 1%			YES		✓	✓						✓	

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))													
						Plasma	Cryo	Oxoid F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine	Other materials
GRO-A	GRO-A	36	5%				✓	✓								✓			
		.58	6%				✓								✓				
		.59	< 1%				✓												
		.58	< 1%				✓	✓						✓					
		.57	9%					✓											
		.08	3%				✓	✓											
		.52	< 1%				✓	✓						✓					
		60	30%				✓	✓											
		65	< 1%				✓	✓											
		02	4%				✓	✓											

* Please enter "Yes" whers appropriate

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate columns)													
						Plasma	Cryo	Oxford F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine	Other materials
GRO-A	GRO-A .12	4%					✓	✓											
	39	< 1%					✓	✓											
	GRO-A .65	2%					✓	✓		✓									
	.46	< 1%					✓	✓											
	GRO-A .26	< 1%					✓												
	.49	< 1%					✓						✓						
	.39	< 1%					✓	✓											
	GRO-A .48	< 1%		YES	✓			✓				✓							
	GRO-A .50	< 1%					✓												
	.55	< 1%					✓	✓						✓					
* Please enter "Yes" where appropriate																			

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))													
						Plasma	Cryo	Oxford F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine	Other materials
GRO-A	GRO-A .60	23%						✓											
	33	< 1%					✓	✓						✓					
	49	< 1%					✓	✓											
	.26	< 1%					✓	✓											
	57	< 1%					✓	✓											
	GRO-A .55	< 1%					✓	✓						✓	✓				
	.18	11%			YES ✓			✓					✓						
	.12	< 1%					✓	✓											
	.49	< 1%					✓	✓											
	GRO-A 62	5%					✓												

* Please enter "Yes" where appropriate

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))									
						Plasma	Cryo	Factor F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemo-fil	Kryobulin
GRO-A	.42	13%		YES			✓	✓						✓	
	GRO-A 50	15%					✓	✓						✓	✓
	15	5%					✓	✓							
	GRO-A 52	7%						✓							
	VISITOR	VISITOR						✓							
	20 yrs	Visitor					✓	✓							
	.34	<1%	YES ✓ det. 10.77				✓	✓						✓	FEIBA
	GRO-A .32	<1%												✓	
	17	8%					✓							✓	
	GRO-A 24	3%					✓						✓		

* Please enter "Yes" where appropriate

HCDO0001184_0013

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))									
						Plasma	Cryo	Oxford F. VIII	Elstree F. VIII	Edin. F. VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin
GRO-A	53	<1%					✓	✓							
	.41	6%					✓	✓							
	42	2%		YES			✓	✓							
	.56	<1%					✓	✓							
	.26	<1%					✓							✓	
	.66	2%					✓								
	GRO-A 62	2%					✓								
	.09	<1%					✓							✓	
	GRO-A .66	8%					✓								
	.64	<1%					✓	✓						✓	✓

* Please enter "Yes" where appropriate

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate columns)													
						Plasma	Cryo	Outfold F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine	Other materials
GRO-A	GRO-A	53	< 1%				✓												
		.56	< 1%				✓	✓							✓				
	GRO-A	52	3%				✓	✓											
	GRO-A	.53	< 1%					✓											
		41	< 1%												✓				
		.18	6%					✓	✓										
		.46	< 1%					✓	✓					✓	✓				
		93	4%					✓	✓										
		26	< 1%					✓											
		24	< 1%				✓	✓							✓				

* Please enter "Yes" where appropriate

* Please enter "Yes" where appropriate

HCDO0001184_0015

Annual Returns for 1977

Form A(2)

Centre: MANCHESTER ROYAL INFIRMARY

Haemophilic (Haemophilia A) Patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor VIII Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material(s) received during 1977 (please tick (✓) appropriate column(s))													
						Plasma	Cryo	Oxford F. VIII	Elstree F.VIII	Edin. F.VIII	Profilate	Factorate	Koate	Hemofil	Kryobulin	Other Human F.VIII concs.	Bovine	Porcine	Other materials
GRO-A	GRO-A	.45	< 1%		YES		✓									✓			
		50	< 1%		YES		✓	✓						✓					
	64	2%		YES		✓	✓											✓	
	GRO-A	55	< 1%		YES		✓							✓					
	GRO-A	43	< 1%		YES											✓			
		.47	< 1%		YES		✓	✓							✓				

* Please enter "Yes" where appropriate

* Please enter "Yes" where appropriate

Annual Returns for 1977Centre: MANCHESTER ROYAL INFIRMARY

Total amount of material supplied during 1977 to Haemophilia B (Christmas Disease) Patients on Home Treatment

Type of Material Supplied	Total Amount Supplied*			
	For All Haemophilia B Patients		For Haemophilia B Patients with anti-factor IX antibodies	
	Bottles etc.	Factor IX Units	Bottles etc.	Factor IX Units
NHS Factor IX Concentrate	108	64,800 68,813		
Commercial Factor IX				
Other Materials (please specify)				

Comment:

*Please enter the factor IX units of activity; if this information is not available, please enter the number of bottles etc. supplied. If the home treatment packs are made up and supplied for specified patients by another Centre (e.g. your Reference Centre) for collection only from your Centre, please indicate this in your reply.

who was on MT

Annual Returns for 1977

Form A(3)

Centre: MANCHESTER ROYAL INFIRMARY

Christmas Disease (Haemophilia B) patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Factor IX Level %	Inhibitor Present*	Jaundiced in 1977/8*	On Regular Home Therapy from your Centre*	Type of Material Received during 1977 (please tick (✓) appropriate column)				
						Plasma	Oxford F.IX	Edin. F.IX	Other F.IX concs.	Other Materials
GRO-A	GRO-A	.67	1.5%				✓			
		38	2%				✓			Cryo
		49	< 1%				✓			
		.68	4%				✓			Cryo
	GRO-A	60	< 1%				✓			
		56	6%				✓			
		.64	< 1%				✓			
	GRO-A	.13	2%				✓			
	GRO-A	58	4%				✓			
		58	< 1%				✓			
		.31	< 1%				✓			
	GRO-A	54	10%	YES			✓			
					✓		✓			
					✓		✓			
					✓		✓			

* Please enter "Yes" where appropriate

1

Form A(3)

Christmas Disease (Haemophilia B) patients treated during the year:-

HCD00001184_0019

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

Annual Return for 1977 - Carriers of Haemophilia or Christmas Disease

Centre: MANCHESTER ROYAL INFIRMARY

Total number of Carriers of Haemophilia treated during the year*: 4

Total number of Carriers of Christmas Disease treated during the year**: 1

Material(s) used to treat these patients:-

Type of Material Used	No. of bottles etc. used	Amount used (units of activity)	
		F. VIII Units	F. IX Units
Plasma			
Cryoprecipitate	41	2460	
NHS Human Factor VIII Concentrate	2	470	
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			
NHS Factor IX Concentrate	1		300
Commercial Factor IX Concentrate***			
Other Materials (please specify)			

* Please supply details on Form A(5)

** Please supply details on Form A(6)

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

Form A(5)

Carriers of Haemophilia treated during the year:-

[illegible]

Annual Returns for 1977

Form A(6)

Centre: MANCHESTER ROYAL INFIRMARY

Carriers of Christmas Disease treated during the year:

[illegible]

Form A (7)

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

Annual Return for 1977 - von Willebrand's Disease Patients

Centre: MANCHESTER ROYAL INFIRMARY

Total number of patients with von Willebrand's disease treated during the year*: 14

Material(s) used to treat these patients:-

Type of Material Used	No. of bottles etc. used	Amount used (factor VIII units)
Plasma		
Cryoprecipitate	529	31,740
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)		

* Please supply details on Form A (8)

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

Annual Returns for 1977

Form A(8)

Centre: MANCHESTER ROYAL INFIRMARY

Von Willebrand's disease patients treated during the year:-

Full Name of Patient	Date of Birth	Basic Clotting F.VIII level %	Jaundiced in 1977/8*	Type of material received during 1977 (please tick(✓) appropriate column)						Reason for treatment
				Plasma	Cryo	Oxford F.VIII	Elstree F. VIII	Commercial F. VIII*	Other materials*	
GRO-A	GRO-A	62	9%		✓					fall on left foot
		55	24%		✓					Epistaxis
		18	32%		✓					Epistaxis
		49	23%		✓					Childbirth
		2.60	22%		✓					Bitten tongue
		1.61	32%		✓					Toe nail
		67	30-36%		✓					Hosp. inpatient
		1.37	18%		✓					Surgery on Tendon
		38	53%		✓					?
		49	2%		✓					Childbirth
		53	50%		✓					Dental
		24	27%		✓					Epistaxis
		21	4%		✓					Dental
		64	15%		✓					Foot injury

* Please enter "Yes" where appropriate

** Please enter type(s) of material