

Annual Returns for 1980

The attached tables and graphs outline the information available from the U.K. Haemophilia Centre Directors Annual Returns received by mid-August 1981.

We are currently preparing for publication a more detailed report covering the five-year period 1976-1980, a copy of which will be sent to all Directors when completed and approved by the Reference Centre Directors.

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4.9.81

Table 1

Factor VIII Units Used by Haemophilia Centres in 1980

Type of Patient	Total Number* of Patients Treated	Plasma	Cryo.	NHS F.VIII Conc.	Commercial F.VIII Conc.	Total F.VIII Units	% Total F.VIII Units	Average Amount Used per Patient
Haemophilia A**	2,107	1,000	6,980,000	14,368,000	34,749,000	56,098,000	97.28	26,625
Carriers of Haem. A	28	Nil	31,000	24,000	88,000	143,000	0.25	5,107
Von Willebrand's	238	4,000	1,052,000	113,000	258,000	1,427,000	2.47	6,017
TOTAL	2,372	5,000	8,063,000	14,505,000	35,095,000	57,668,000	100	24,312
% Total		0.01	13.98	25.16	60.85	100	-	-

* Adjusted for duplications

** Additional materials used for Haemophilia A patients with F.VIII antibodies:-

NHS F.IX Conc.	214,000 units
Porcine F.VIII Conc.	378,000 units
FEIBA	647,000 units
AUTOPLEX	81,000 units

*** Plus 10 who received no doses.

Table 2

Factor IX Units Used by Haemophilia Centres in 1980

Type of Patient	Total number* of Patients Treated	Plasma	NHS F.IX	Commercial F.IX	Total Units	% Total F.IX Units	Average Amount Used per Patient
Haemophilia B	355	1,000	8,194,000	77,000	8,272,000	96.17	23,301
Carriers of Haem. B	12	2,000	113,000	-	115,000	1.34	9,583
Haem. A Patients with F.VIII Antibodies	9	-	214,000	-	214,000	2.49	23,778
TOTAL	376	3,000	8,521,000	77,000	8,601,000	100	22,875
% Total		0.03	99.07	0.90	100	-	-

* Adjusted for duplicates

Table 3

Materials used by Haemophilia Centres in 1980 to treat 121 Haemophilia A Patients who had F.VIII Antibodies. In addition, 10 other patients were treated but received no doses

Material	Factor VIII Units		Total F.VIII Units
	Used at Hosp.	Supplied for HT	
Plasma	-	-	-
Cryo.	170,000	-	170,000
NHS F.VIII Conc.	449,000	60,000	509,000
Commercial Human F.VIII Conc.	2,923,000	888,000	3,811,000
Total Human F.VIII Conc.	3,542,000	948,000	4,491,000
Porcine F.VIII	378,000	-	378,000
Other Materials:	Units	Units	Total Units
FEIBA	635,000	12,000	647,000
AUTOPLEX	81,000	-	81,000
NHS F.IX Conc.	214,000	-	214,000

Table 4

Material used by Haemophilia Centres in 1980 to treat
3 Haemophilia B (Christmas Disease) patients who had
F.IX antibodies

Material	No. Patients Treated	Units
NHS F.IX Conc.	2	84,850
FEIBA	1	500

Table 5

The number of patients known to Haemophilia Centre Directors on 31.12.80 and the occurrence of Factor VIII and Factor IX antibodies. Patients known to have died before 1.1.80 have been excluded

	Haemophilia A	Haemophilia B
Cumulative total number of patients known at Centres	4,356	781
Cumulative total number with factor VIII or IX antibodies	258	7
% with factor VIII or IX antibodies	5.92	0.90

Table 6

Materials used for Home Treatment of Haemophilia A patients during 1980

Material	Total F.VIII Units used for Haem. A Patients (Home + Hosp. Treatment)	F.VIII units used for Home Treatment	% used for Home Treatment
Plasma	1,000	Nil	-
Cryoprecipitate	6,980,000	1,043,000	14.94
NHS F.VIII Conc.	14,368,000	7,458,000	51.91
Commercial F.VIII Conc.	34,749,000	17,679,000	50.88
Total Units	56,098,000	26,180,000	46.67
Number of Patients Treated	2,107	938	44.52
Average amount used per patient	26,625	27,910	-

In addition, 11,500 units of FEIBA (1.73% of Total FEIBA used) was supplied for HT

Table 7

Materials used for Home Treatment of Haemophilia B Patients during 1980

Material	Total F.IX units used for Haemophilia B Patients (Home + Hosp. treatment)	F.IX units used for Home treatment	% used for Home Treatment
Plasma	1,000	-	Nil
NHS F.IX Concentrate	8,194,000	4,170,000	50.89
Commercial F.IX Conc.	77,000	75,000	97.40
Total Units	8,272,000	4,245,000	51.32
Number of Patients Treated	355	143	40.28
Average amount used per patient	23,301	29,685	-

Table 8

Materials used for Home Treatment of von Willebrand's disease Patients during 1980

Material .	Total F.VIII units used for von Willebrands patients (Home & Hosp. Treatment)	F.VIII units used for Home Treatment	% used for Home Treatment
Plasma	4,000	Nil	-
Cryoprecipitate	1,052,000	118,000	11.22
NHS F.VIII Concentrate	113,000	17,000	15.04
Commercial F.VIII Conc.	258,000	136,000	52.73
Total Units	1,427,000	271,000	18.99
Number of patients treated	238	8	3.36
Average amount used per patient	6,017	33,875	-

Table 9

Cause of death in 16 Haemophilia A and 7 Haemophilia B Patients during 1980, showing severity of coagulation defect and age at death

Cause of Death	Factor VIII/IX level %	Number of Deaths								TOTAL
		<10	10-19	Age at Death (years)				60-69	70+	
Cerebral haemorrhage	<2	1		1		2	1	1	1	7
Cancer	<2 2-10					1	2		1	4
Post-op. complications	<2		1	1						2
Accident	N/K				2					2
G.I. Bleed	<2				1					1
Suicide	0						1			1
Non-Haemorrhagic but details not known	2-10								1	1
Myocardial Infarction	<2							1		1
Not Known	<2 2-10				1			1	2	4
TOTAL		1	1	2	4	3	4	3	5	23

Table 10

Haemophilia A Patients known at Haemophilia Centres on 31.12.80, showing the number of patients treated during 1980, with the severity of the coagulation defect and age. Patients known to have died before 1.1.80 have been excluded.

27.08.81

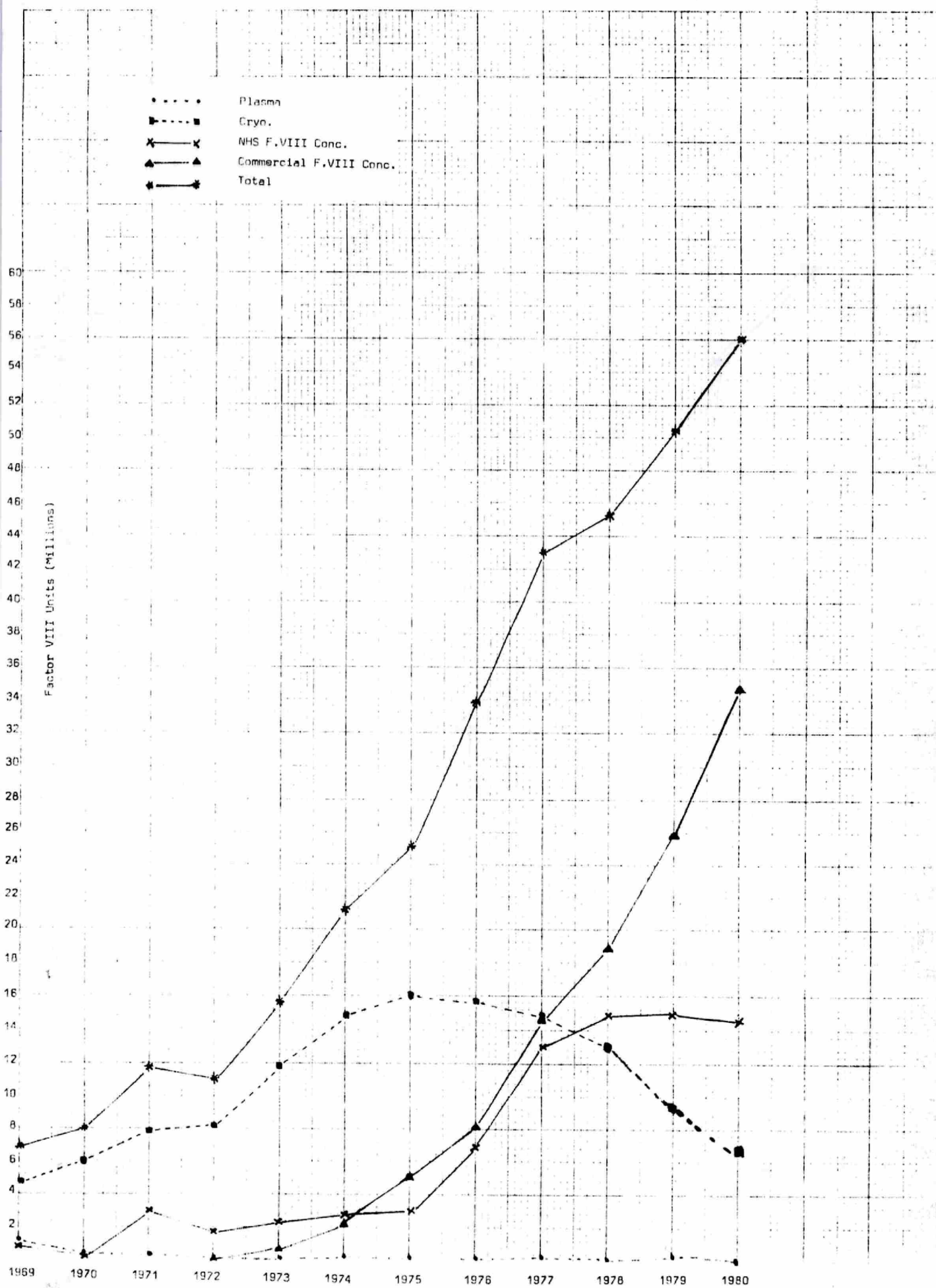
Age (Years)	Number of Patients Factor VIII level (% average normal)														
	<2% A.N.			2-10% A.N.			>10% A.N.			Not known			Total		
	In Reg	Trtd	On HT	In Reg	Trtd	On HT	In Reg	Trtd	On HT	In Reg	Trtd	On HT	In Reg	Trtd	On HT
<5	111	84	7	58	27	2	30	4	0	6	0	0	205	115	9
5-9	155	119	69	103	58	13	49	18	1	16	3	2	323	198	85
10-19	481	398	293	259	138	31	183	47	2	38	4	0	961	587	326
20-29	432	322	208	232	94	18	145	29	0	34	4	0	843	449	226
30-39	327	234	154	187	59	7	129	31	2	32	1	0	675	325	163
40-49	191	137	73	139	41	4	96	14	0	22	4	0	448	196	77
50-59	99	75	31	109	42	6	85	19	0	20	2	0	313	138	37
60-69	69	33	8	80	18	2	58	8	0	15	2	0	222	61	10
70+	32	15	3	48	12	0	43	5	0	5	0	0	128	32	3
Not Known	24	2	1	28	5	1	15	1	0	171	8	0	238	16	2
TOTAL	1921	1419	847	1243	494	84	833	176	5	359	28	2	4356	2117	938

Table 11

Haemophilia B Patients known at Haemophilia Centres on 31.12.80, showing the number of patients treated during 1980, with the severity of the coagulation defect and age. Patients known to have died before 1.1.80 have been excluded.

27.08.81

Age (Years)	Number of Patients Factor VIII level (% average normal)												Total		
	<2% A.N.			2-10% A.N.			>10% A.N.			Not known					
	In Reg	Trtd	On HT	In Reg	Trtd	On HT	In Reg	Trtd	On HT	In Reg	Trtd	On HT	In Reg	Trtd	On HT
<5	18	14	1	16	8	0	6	1	0	0	0	0	40	23	1
5-9	25	20	14	28	13	2	15	4	0	1	0	0	69	37	16
10-19	70	58	39	59	32	12	31	7	1	8	1	0	168	98	52
20-29	58	45	25	47	19	3	37	8	1	7	0	0	149	72	29
30-39	54	37	24	35	7	2	24	6	0	10	5	0	123	55	26
40-49	21	18	9	34	13	2	10	1	0	7	2	1	72	34	12
50-59	15	9	2	19	7	1	10	0	0	3	2	0	47	18	3
60-69	8	4	1	20	4	0	8	0	0	7	1	0	43	9	1
70+	5	3	1	13	3	2	7	0	0	4	1	0	29	7	3
Not known	4	0	0	4	0	0	5	1	0	28	1	0	41	2	0
Total	278	208	116	275	106	24	153	28	2	75	13	1	781	355	143



Amount of Material Used to Treat Christmas Disease Patients

Fig. 2

