

OXFORDSHIRE AREA HEALTH AUTHORITY (TEACHING)

OXFORD HAEMOPHILIA CENTRE

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Re: ELEVENTH MEETING OF U.K. HAEMOPHILIA CENTRE DIRECTORS
Agenda Item No. 5: Report on the 1979 Annual Returns
from Haemophilia Centres

The enclosed tables outline the information given in the
1979 Annual Returns which were received by 31.7.80, and the two
graphs show the amount of materials used by Haemophilia Centres
in 1969-79 to treat Haemophilia A and Haemophilia B patients.
We are still waiting for the 1979 Annual Returns from 16 Centres.

C.R. Rizza
Rosemary J.D. Spooner

5th September, 1980.

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Table 1
Factor VIII Units Used by Haemophilia Centres in 1979

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**	1,934	32,000	8,500,000	14,418,000	24,399,000	47,349,000	97.26	24,500
Carriers of Haem. A	24	-	59,000	41,000	6,000	106,000	0.22	4,400
Von Willebrand's	233	6,500	673,500	209,000	334,000	1,223,000	2.51	5,250
TOTAL	2,192	38,500	9,232,500	14,668,000	24,739,000	48,678,000	100	22,200
% Total		0.08	18.97	30.13	50.82	100	-	-

* Adjusted for duplications

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

NHS F.IX Conc.	11,000 units
Porcine F.VIII Conc.	276,000 units
FEIBA	633,400 units
Prothromplex	3,000 units

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Table 2
Factor IX Units Used by Haemophilia Centres in 1979

Type of Patient	Total number* of Patients Treated	Plasma	NHS F. IX	Total Units	% Total F.IX Units	Average Amount Used per Patient
Haemophilia B	331	-	6,917,000	6,917,000	99.60	21,000
Carriers of Haem. B	11	1,500	15,000	16,500	0.24	1,500
Haem. A Patients with F.VIII Antibodies	3	-	11,000	11,000	0.16	3,700
TOTAL	345	1,500	6,943,000	6,944,500	100	20,130
% Total		0.02	99.98	100	-	-

* Adjusted for duplicates

Table 3

Materials used by Haemophilia Centres in 1979 to treat
119 Haemophilia A Patients who had F.VIII Antibodies

Material	Factor VIII Units		Total F.VIII Units
	Used at Hosp.	Supplied for HT	
Plasma	28,000	-	28,000
Cryo	159,000	-	159,000
NHS F.VIII Conc.	380,000	133,000	513,000
Commercial Human F.VIII Conc.	2,786,000	451,000	3,237,000
Total Human F.VIII Conc.	3,353,000	584,000	3,937,000
Porcine F.VIII	276,000	-	276,000
Other Materials:-			
	Units	Units	Total Units
FEIBA	618,400	15,000	633,400
Prothromplex	3,000	-	3,000
NHS F.IX Conc.	11,000	-	11,000

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Table 4

Material used by Haemophilia Centres in 1979 to treat
2 Haemophilia B (Christmas Disease) patients who had
F.IX antibodies

Material	No. Patients Treated	F.IX Units
NHS F.IX Conc.	1	36,420
NIL	1	-
TOTAL	2	36,420

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Table 5

The number of patients known to Haemophilia Centre Directors on 31.12.79 and the occurrence of Factor VIII and Factor IX antibodies. Patients known to have died before 1.1.79 have been excluded

	Haemophilia A	Haemophilia B
Cumulative total number of patients known at Centres	4,258	741
Cumulative total number with factor VIII or IX antibodies	245	7
% with factor VIII or IX antibodies	5.75	0.94

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Table 6

Cause of Death in 12 Haemophilia A and 4 Haemophilia B Patients during 1979, showing severity of coagulation defect and age at death

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Cause of Death	Factor VIII/IX Level %	Number of Deaths Age at Death (Years)								TOTAL
		<10	10-19	20-29	30-39	40-49	50-59	60-69	70+	
Cerebral haemorrhage	<2 2-10 >10	1 (9 days)							1 2 }	4
Suicide	2-10			1	1					2
Pneumonia	<2 >10							1	1 }	2
Accident	>10		1							1
Pulmonary Embolism	<2						1			1
Post-op. complications	>12							1*		1
Cancer	2-10							1		1
Hepatitis	<2						1			1
Inhalation of vomit	2-10	1 (3 years)								1
Not Known	<2 >10			1					1 }	2
TOTAL		2	1	2	1	-	2	3	5	16

* Surgery for Cancer. Developed F.VIII antibodies and peritonitis

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Table 7

Haemophilia A Patients known at Haemophilia Centres on 31.12.79, showing the number of patients treated in 1979, with the severity of the coagulation defect and age

Age (Yrs)	<2% A.N.			2-10% A.N.			>10% A.N.			Not Known			Total		
	In Reg.	Treated	On HT	In Reg.	Treated	On HT	In Reg.	Treated	On HT	In Reg.	Treated	On HT	In Reg.	Treated	On HT
<5	114	82	6	64	35	3	25	6	0	5	3	1	208	126	10
5-9	160	119	62	95	40	7	54	15	1	15	2	1	324	176	71
10-19	477	370	248	268	104	27	189	37	1	44	5	3	978	516	279
20-29	432	319	202	229	82	9	120	19	0	43	6	0	824	426	211
30-39	315	219	120	166	56	8	109	25	2	41	4	0	631	304	130
40-49	179	115	55	129	40	7	84	15	0	25	5	0	417	175	62
50-59	104	66	29	94	24	2	69	14	0	30	4	0	297	108	31
60-69	55	27	5	73	16	1	51	7	0	17	0	0	196	50	6
70+	31	12	2	37	6	0	35	4	0	8	0	0	111	22	2
Not Known	37	11	3	27	5	1	19	3	0	189	12	0	272	31	4
Total	1904	1340	732	1182	408	65	755	145	4	417	41	5	4258	1934	806

Table 8

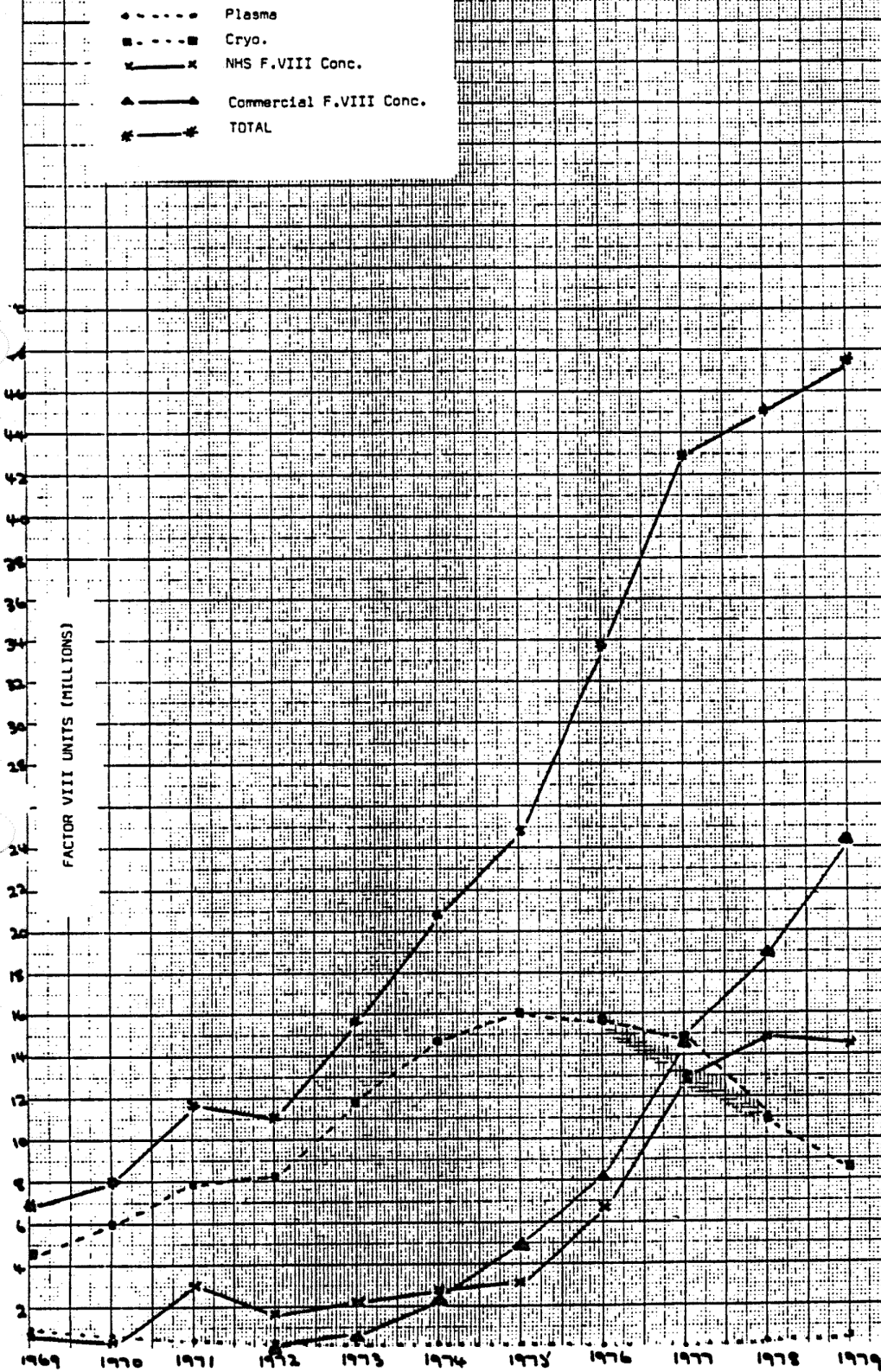
Haemophilia B patients known at Haemophilia Centres on 31.12.79, showing the number of patients treated in 1979, with the severity of the coagulation defect and age

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Age	<2% A.N.			2-10% A.N.			>10% A.N.			Not Known			Total		
	In Reg	Treated	On HT	In Reg	Treated	On HT	In Reg	Treated	On HT	In Reg	Treated	On HT	In Reg	Treated	On HT
<5	18	10	0	15	4	0	7	4	0	2	1	0	42	19	0
5-9	21	17	9	30	18	2	13	3	0	0	0	0	64	38	11
10-19	69	55	33	56	27	10	28	7	0	10	0	0	163	89	43
20-29	62	43	26	51	19	2	33	7	1	9	1	0	155	70	29
30-39	45	34	24	31	8	2	20	5	0	9	3	0	105	50	26
40-49	20	17	8	33	10	0	4	1	0	6	3	1	63	31	9
50-59	14	10	2	17	5	1	7	3	0	5	1	0	43	19	3
60-69	7	2	1	15	5	1	8	0	0	7	2	0	37	9	2
70+	5	2	1	9	1	1	4	0	0	6	0	0	24	3	2
Not Known	5	0	0	5	2	0	4	0	0	31	1	0	45	3	0
Total	266	190	104	262	99	19	128	30	1	85	12	1	741	331	125

Fig. 1

Amount of Material Used to Treat Haemophilia A Patients



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Fig. 2

Factor IX Units (Millions)

