

Survey of Patients Treated at Haemophilia Centres in the U.K.Annual Return for 1976of materials used to treat patients having haemophilia or Christmas disease****Centre: EDINBURGH Director: _____

Total number of haemophilic patients treated during the year*: _____ 57

Number with Factor VIII antibodies: _____ 5

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

Number with Factor IX antibodies: _____

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	Nil		
Cryoprecipitate	9,968	697,760 ✓	
NHS Human Factor VIII Concentrate <i>Edinburgh</i>		431,139 ✓	
Abbott Factor VIII Concentrate (Profilate)		2,205	
Armour Factor VIII Concentrate (Factorate)			
Cutters Factor VIII Concentrate (Koate)			
Hyland Factor VIII Concentrate (Hemofil)			
Immuno Factor VIII Concentrate (Kryobulin)			
Other Human Factor VIII Concentrate***			
Bovine/Porcine Factor VIII Concentrate			
NHS Factor IX Concentrate	332		99,600 ✓
Commercial Factor IX Concentrate***	Nil		
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	H-296	GRO-A 75	GRO-A 76	3 x Intracranial bleeds

Annual Return for 1976

Centre: EDINBURGH - (1)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	✓	19	13		
	✓	63	1.6		
	✓	48	Severe		
	✓	62	Severe		
	✓	85	<1		
	✓	62	Severe		
	✓	61	<1		
	✓	20	24		
	✓	52	mild		
	✓	GRO-A 60	Severe	✓	✓
	✓	22	Severe		
	✓	78	mod. (2%)		
	✓	52	Severe		✓ (from Jan. 1977)
	✓	46	Severe		
	✓	39	Severe	✓ 1970	
	✓	39	Mod.	✓ Dec. 1977	
	✓	21			
	✓	68	Mod.		
	✓	66	10		

* 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.

Annual Return for 1976

Centre: EDINBURGH - (2)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	✓ 47	Severe			
	✓ 33	Mild.			
	✓ 54	Severe			✓
	✓ 44	G.S			
	✓ 47	Mild.			
	✓ 51	<2			✓
	✓ GRO-A 26	Severe	✓		
	✓ 41	<1			
	✓ 34	<1			
	✓ 57	<1			
	✓ 46	(Severe) <1	✓ 1969		
	✓ 50	<1			
	✓ GRO-A 33	<1			
	✓ GRO-A 60	4			
	✓ GRO-A 32	0			
	✓ GRO-A 31	<1 (From Excess)		yes Feb. 1977	
	✓ GRO-A 60	Severe			✓
	✓ GRO-A 38	Severe (From Kent - Reg. Edinburgh)			

* 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.

Annual Return for 1976

Centre: EDINBURGH - (3)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	✓	67	7			
	✓	61	<1	✓		
	✓	68	3-?			
	✓	74	35			
	✓	42	<1			✓✓
	✓	50	<1			
	✓	40	6			
	✓	49	From Newcastle area			
	✓	58	6			
	✓	GRO-A 61	10			
	✓	67	Mild.			
	✓	40	<1	✓		
	✓	34	<1			
	✓	59	<1			
	✓	45	<2			
	✓	66	Severe			
	✓	53	Mild			
	✓	47	<1			
	✓	41	Mild.			

* 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.

Christmas disease patients treated during the year:-

* 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.

Survey of Patients Treated at Haemophilia Centres in the U.K.Annual Return for 1976 - von Willebrand's Disease PatientsCentre: EDINBURGH-----Total number of patients with von Willebrand's disease treated during the year*: 33-----

Material(s) used to treat these patients:-

NB: v W records for 1976 incomplete
R1E

Type of Material Used	No. of bottles etc. used	Amount used (factor VIII units)
Plasma		
Cryoprecipitate	20 + ?	
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.

Totals 1976

Haemaphysalis

Large (Packs)

Total $\bar{v}_{in}$ (units)

Original $\bar{v}_{in}$ (units)

GRO-A

HT1

HT)

c/f

105'	-	-
9	10,150	-
266	77,890	-
836	6,584	-
368	14,850	-
689	7,670	-
28	-	-
762	20,220	-
-	16,320	-
408	7,470	-
111	-	-
239	5,630	-
171	14,100	-
48	2,480	-
324	5,220	-
14	55,070	-
18	-	-
320	4,220	-
387	6,500	-
12	6,080	-
79	15,190	-
85'	830	-
15'	290	-
207	980	980
64	13,556	-
-	1,400	-
159	16,980	490
317+18	12,950	-
276	450	-
98	1,800	-
18	-	-
617	5340	-
39	560	245'
297	2780	-
90	-	-
7494	322,580	1,715

GRO-A

	Days	Eden.	Revised.
	27	-	-
	195'	-	-
HT)	-	31,030	-
	21	-	-
	18	240	-
	185'	3,970	-
	192	3,750	-
	6	720	-
T)	25'8	20,843	-
	106	6,506	-
	46	-	-
	-	660	-
	24	600	-
	8	-	-
	36	-	-
	-	12,000	-
	114	7,730	-
	201	4,140	-
	741	10,570	-
	284	9,910	-
	12	1,890	-
	-	-	490

B/f

2,474	114,559'	490
7,494	322,580	1,715'

9,968	437,139	2,205'
-------	---------	--------

Approx 697,760	437,139	2,205'
u/f v ₂ act.		

Total : Approx 1,137,104 3 v₂ units
 : average 19,949 u₂ pt.

HT Patients average 27,172 units



HT Patients 1976

Total

Pack.
days

units
base

7.25 units

GRO-A

79

18,190

20,720

64

13,556

18,036

-

31,030

31,030

258

20,843

38,903

108,689

Average 27,172 u/patient

Kaengaphula

GRO-A

Jan - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

Large

Eden. Vuy

567

60

18

129

-

62

Total

836

810
720
1200
960
240
4440
240

1690

280

6584

GRO-A

Jan - July
Aug.
Sept.
Oct.
Nov.
Dec.

239

9

9

9

266

76,770

840

280

77,890

GRO-A

Nov.
Dec. (1P)

9

-

9

10150

10,150

GRO-A

GRO-A

76 → 1P

105'

O.P.

units
Ext. V

GRO-A

✓

July
Aug.
Sept.
Oct.
Nov.
Dec.
Jan. - June

Exps

39
59
57
77
24
50
383

840

1680

530

4620

Total

689

7670

GRO-A

✓

Jan - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

234
14
24
33
24
24
39

12760

1250

280

560

Total

368

14850

GRO-A

✓

Jan - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

522
58
45
49
35
35
53

3020

(also in newspaper
for pub. attention)

960
7280 - 1P sent. ext.
8120

840

762

20220

GRO-A

Dec.

20?
8

3000

28

GRO-A

✓

April

-

16320

dent. ext. (clearance)

GRO-A ✓

~~45~~

Jan. - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

buys	Eden. v. Hesp.	
5'4	3270	(+ 3 x Batch 121)
30	5'40	
84	420	
420		
5'4	1400	
9		
8		
239	5'630	

Total

GRO-A ✓

Jan - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

36	990	(3 vials)
30	930	
18		
9		
-	5'60	
36	1620	
42		
171	4100	

Total

GRO-A ✓

Jan - July
Aug.
Sept.
Oct.
Nov.
Dec.

390	3920
9	1120
-	4'00
9	
	2430 - 1P
408	7470

Total

GRO-A

1x

Nov.

300

GRO-A ✓

Dec.
Morg
Total

9
102
111



GRO-A

GRO-A

✓ 76 Antiacidial blood-admit

Long
48

Long.
2480

GRO-A

✓ 15.9 → 1P

Long
96

Long.
8,220

228

324

1960

20
16

270
14

81

humb

avg

GRO-A

8

GRO-A

✓ another file lost

buys

Patent. v. m

Jan - June

74

2520

18

July

~~60~~

~~1444~~

Aug.

78

Sept.

6

Oct.

123

1700

Nov.

18

Dec.

6

320

4220

GRO-A

large

90

GRO-A

- ? done in August (approx. 13/14)

GRO-A

buys

Calen. v. 5

Jan - June

255

4480 (+ 3 ~~Batch 121~~)
540

July

39

Aug.

42

Sept.

21

Oct.

9

1120

Nov.

6

360

Dec.

18

387

65.00 ✓

GRO-A

	Large	Overhead v in (units)	Edin.	
Jan - June	204	-	3650	(+3 v in 121)
July.	36		540	
Aug.	33			
Sept.	36	590	590	
Oct.	159 96		280	
Nov.	24		280	
Dec.	29			
Total	617	-	5340	✓

GRO-A

Jan - June	9			
July	9			
Aug.	12	245 (818745)		
Sept.	9			
Oct.			560	
Nov.				
Dec.				
Total	39	245	560	✓

GRO-A
GRO-A

Jan - June	188		540	(+3 v in 121)
Sept.	9		540	
Oct.	-		560	
			840	
	277		2780	✓

GRO-A

- 1400 1400

O.P.

GRO-A

Jan - June

July
Aug.

Sept.

Oct.

Nov.

Dec.

Total

Large.

39

35

Eden, N.Y.

(Units)

~~450~~
720

24

1080

98

1800

GRO-A

Jan - June

July
Aug.

Sept.

Oct.

Nov.

Dec.

Total

107

18

19

68

480

8130

320

310

1400

42

760

81

830

720

335

317

12,950

GRO-A

Jan - June

July - IP.

Aug.

Sept.

Oct.

Nov.

Dec.

Total

30

34

9

6

8980

340

1680

1680

1680

830

79

15,190

GRO-A

Jan - June

July
Aug.

Nov.

Sept. (IP - tooth restoration)

28

9

18

30

~~2 x Root 154~~ ✓

560

270

GRO-A

85

830

GRO-A

✓
Jan - June
July
Aug
Sept
Oct
Nov.
Dec.

Large
64

Eden. Vm
650
466
620

6540
1860
620

270 x 12 = 3240
330 x 6 = 1980
220 x 6 = 1320
~~200 x 6~~
6540

1740

1680
~~1680~~

64

13,556

Original

GRO-A

Sept.
Nov.
Dec.

9

560

7560

141

710

540

1620

2160

1080

880

990

Bulet 117 x 3

880

490

159

16,980

490

GRO-A

Oct.
Nov.

12

5800

280

12

6080

GRO-A

Nov.
Oct

6

1680

GRO-A

15

290

GRO-A

✓

Imp.

Calen. v in

Osquid v in

Sept.

27

GRO-A

2907

GRO-A

~~26~~ Imp x 9

~~Shistmas disease~~

GRO-A

GRO-A

→ IP

Haematemesis

207

490

490

GRO-A

(Visitation)

GRO-A

76

1 P Retroperitoneal bleed

~~2/10/82~~

GRO-A

76

Total 195

jaundiced 202. 1977

Reported to J. Davis from home

GRO-A

large

Estim. v. in

Jan - June

July

Aug.

Sept.

Oct.

Nov.

Dec.

1800

900

450

950

480

960

2160

~~1680~~ 5400

1680

1980

1980

1860

1860

1860

1850

1620

1440

~~1440~~

Total

31,030

GRO-A

July

21

GRO-A		Aug	18	540
			36	640
	Sept.			460
	Oct.			1400
	Nov.		23	
	Dec.		33	
	July		9	930
	Jan - June		66	
			185	3970

GRO-A			12	240
			6	
	Nov.			

GRO-A

Aug.
Sept.
Nov.

Aug.
33
6
12

Salmon, run

3640 - IP (Sunk, esch.)
2760

GRO-A

-49

from Newcastle Centre
✓

GRO-A-6

660

GRO-A

Nov. (IP)

6

720

GRO-A

	buys	Polen. v. m.
Jan - June	94	550
July	12	760
Aug.	12	840
Sept.	21	560
Oct.	21	
Nov.	9	840
Dec.	23	
Total		
	192	3750

GRO-A

Jan - June	—
July	10 - op.
	12 - 1P
	24 - " ✓
	46

GRO-A

Jan - June	45
July	10
Aug.	33
Sept.	6
Oct.	12
Nov.	12
Dec.	—
	106
	6806

GRO-A

Jan - June	258	1680
July		640
Aug.		560
Sept.		660
Oct.		643
Nov.		1920
Dec.		440
		1680
		1860
		1860
		1680 ✓
		1620
		1930
		1990
		1680

258

20,843

Long.

Calen. v. in

GRO-A

GRO-A 6 - I.P.

36

GRO-A

GRO-A 6 - I.P.
6 - IP

600

12
12

24

600

GRO-A

GRO-A 6

8

GRO-A

GRO-A 6

admitted

1680 units v. in bone.

Total 12,000 v/cone.

large.

Coln. V44

GRO-A

Jan - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

382
116
63
27
-
38
115

720
720
720
720
810
660
660
720
840
1680
1080
520
~~3735~~ 115
720

Total

741

10,570

GRO-A

Jan - June
July
Aug.
Sept.
Oct.
Nov.
Dec.

110
32
21
60
-
15
46

540
1350
660
660
440
880
1120
540
2880
840

Total

284

9,910

GRO-A

Aug.
Sept.
Oct.
Nov.
Dec.
Jan - June

9
18

29
9

1120
1100
540
660
720

136
201

4140

GRO-A

Oct.
Dec.
Jan - Sept.

24

114

280
2160
810
1080
2320
1080
7730
1090

+ 1P in Dec.

114

2000

Edin.
A. v. i. unit

GRO-A

Nov. (1P)

-

1890 (denk. ex.)

12

GRO-A

3%

DOB

GRO-A 48

12

GRO-A

1/11

300

+

17700

Total 18,000 units 2.12

All Patients:

Total 12 units

GRO-A

18,000

10,800

~~10,800~~

21,900

30,300

7,500

9,900

600

99,000

GRO-A

300

300



GRO-A

DOB GRO-A 46

7% 7.1x

26 sent. est. admitted ✓

Total: 7.1x bone x 36 = 10800 units

NB: First time seen for 18 years.

GRO-A

1 vial 1x bone.

GRO-A

4.12 870

DOB

GRO-A 49

GRO-A

(✓)

GRO-A

76

12 x 3 ~~1000~~

18

12

40

} dent. esch.

} Henna repair

73 = 21,900 units

Doc GRO-A 45'

GRO-A

Sept - Dec.

ix units

~~2705~~

4800

~~6270 x 6~~

Jan - Sept

28500

✓

(85' x 300)

30,300

IX
3%
DOR GRO-65

Large

IX
Enter

GRO-A

300

7200

1x 3%

Entered in GRO-A by Dr. Ramsey

2008 GRO-A 74

1x
unit

GRO-A

15/10

300

8-9/12

Batch 208 x 2
- 212 x 1

900 u.

Jan - Sept.

8700

Total

9,900 units

GRO-A

GRO-A

76

1P RHSC

IX x 2 vials

No entry in file

280 x 9

440
960
960
960
960
960
1860
4320
900
440

480
960
440
720
560
960
560

4620

GRO-A

800
800
800
800
720
~~280~~

720

? 13 x Batch 121

990

720

840

3270

(See GRO-A file)

lyer.

~~720~~

720

3 x 121

960

2800

~~2000~~

1920

1920

1280

1860

~~320~~

8980



Batch 121 = 1800/vial
141 = 3300/vial

X (B) ? and dose 1.3.76
3 x dose GRO-A 76 ? unit Say 330 = 990
GRO-A Batch 121 - has GRO-A yte
(R) ~ ~ ~ ~ ~

X (T) ? No treatment Jan/Feb. in file (say x 18 on wall sheet)
3 x dose Batch 121
GRO-A ~ ~ ~ ~ ~

GRO-A - 1P treatment in Dec. ? Batch or unit Nos. Not on wall sheet
? say approx. 270 -/vial

GRO-A 3 x dose Batch 113 240/vial = 720
13 180 + 13 180 = 240 + 240 = 480

? Say to GRO-A GRO-A 76 (wall sheet)

File needed
GRO-A
No file - visits

Nil - Samein

? Same inib ✓
HT 1976 GRO-A } H ✓ GRO-A } C ✓
1977 GRO-A



Von Millebrand

GRO-A

Ans.

} ? which one treated 1976
(a both on same day)

? + One other 06

GRO-A

ip. 18/12

Days x 17

Expenditure

DOB GRO-31

2.11.7970

GRO-A

20/11

Days x 6

✓

DOB GRO-7

2.11.7970

13/8

" x 6

12



GRO-A

GRO-A

76 1P PHSC

76

bygo

2me.

3

55,070

2

3

6

14



Supp.

Edin. Min

GRO-A

Nov. 12

Dec. 18

Jan-May 246

270
180

276

450

GRO-A

GRO-A

6 9

6 9



GRO-A

units

960

960

800

Rate 121 x 3

930

61

546

480

960

480

560

7020

GRO-A

800

1000

1000

1000

1000

1200

960 /

960 /

960 /

960 /

960 /

960 /

960 /

960 /

1960 /

960 /

960 /

17,560

7 x 960 ✓

10,560

4 x 960 ✓

900

900

2160

12 x 180 ✓

2610

900 /

4040

720 /

990 /

4 x 1320 /

5280

1980 /

1320 /

1980 /

2640 /

1980 /

9900

3 x 1980

5940

1320

1320

5 x 1980

9900

2640

2640

3 x 1320

3960

76,770 ✓

1980 ✓

2060 ✓