

Centre: BRISTOL 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 1978/9* | On Regular Home Therapy from your Centre* | Type of Material(s) received during 1978 (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. |
| GRO-A                | 1919          | 11                        |                    | ✓ YES                |                                           |                                                                                  | ✓    |                |                 |               |           |           | ✓     |         |           |                            |
|                      | 1954          | 2                         |                    |                      |                                           |                                                                                  | ✓    |                |                 |               |           |           |       |         |           |                            |
|                      | 1915          | 5                         |                    |                      |                                           |                                                                                  | ✓    |                |                 |               |           |           |       |         |           |                            |
|                      |               | <1                        |                    |                      |                                           |                                                                                  | ✓    |                |                 |               |           |           |       |         |           |                            |
|                      | 1934          | 10                        |                    |                      | YES                                       |                                                                                  | ✓    |                |                 |               |           |           |       |         |           |                            |
|                      | 1963          | 7                         |                    |                      | YES                                       |                                                                                  |      |                |                 |               |           |           | ✓     |         |           |                            |
|                      | 1928          | 3                         |                    |                      | YES                                       |                                                                                  | ✓    | ✓              |                 |               |           | ✓         | ✓     | ✓       |           |                            |
|                      | 1950          | <1                        |                    |                      | YES                                       |                                                                                  | ✓    | ✓              |                 |               |           | ✓         |       |         |           |                            |
|                      | -             | 10                        |                    |                      |                                           |                                                                                  | ✓    |                |                 |               |           |           |       |         |           |                            |
|                      | 1925          | 5                         |                    |                      |                                           |                                                                                  |      |                |                 |               |           | ✓         |       | ✓       |           |                            |
|                      |               | 12                        |                    |                      |                                           |                                                                                  | ✓    |                |                 |               |           |           |       | ✓       |           |                            |

\* Please enter "Yes" where appropriate

Centre: BRISTOL 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 1978/9* | On Regular Home Therapy from your Centre* | Type of Material(s) received during 1978 (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                                  | 1958          | 0                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                |              |           |           |       |         |           |                           |        |         |                 |
|                                        | 1951          | 2                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                |              | ✓         | ✓         | ✓     |         |           |                           |        |         |                 |
|                                        | 1941          | < 1                       |                    |                      | YES                                       | ✓                                                                                |      |                |                |              | ✓         | ✓         |       |         |           |                           |        |         |                 |
|                                        | 1939          | 4                         |                    |                      |                                           |                                                                                  |      |                |                |              |           | ✓         |       |         |           |                           |        |         |                 |
|                                        | 1921          | 0                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                |              | ✓         |           | ✓     |         |           |                           |        |         |                 |
|                                        | 1943          | 0                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                |              | ✓         |           |       |         |           |                           |        |         |                 |
|                                        | 1938          | 0                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                |              | ✓         |           | ✓     |         |           |                           |        |         |                 |
|                                        | 1948          | 0                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                |              | ✓         |           |       |         |           |                           |        |         |                 |
|                                        | -             | 2                         |                    |                      |                                           | ✓                                                                                |      | ✓              |                |              |           |           |       |         |           |                           |        |         |                 |
|                                        | 1964          | 0                         |                    |                      | YES                                       | ✓                                                                                |      |                |                |              |           | ✓         |       |         |           |                           |        |         |                 |
| * Please enter "Yes" where appropriate |               |                           |                    |                      |                                           |                                                                                  |      |                |                |              |           |           |       |         |           |                           |        |         |                 |

\* Please enter "Yes" where appropriate

Centre: BRISTOL 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 1978/9*       | On Regular Home Therapy from your Centre* | Type of Material(s) received during 1978 (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 |
| GRO-A                | -             | 4                                 |                    |                            |                                           |                                                                                | ✓    |                |                 |               |           |           |       | ✓       |           |                            |        |
|                      | 1949          | 18                                |                    |                            | YES                                       |                                                                                | ✓    |                |                 |               | ✓         |           |       |         |           |                            |        |
|                      | 1950          | 0                                 |                    | (none taken, 1977)<br>YES? |                                           |                                                                                |      |                |                 |               | ✓         |           |       |         |           |                            |        |
|                      | -             | 12                                |                    |                            |                                           |                                                                                | ✓    |                |                 |               |           |           |       |         |           |                            |        |
| <u>CHILDREN:</u>     |               |                                   |                    |                            |                                           |                                                                                |      |                |                 |               |           |           |       |         |           |                            |        |
| GRO-A                | 66.           | Now attending Lord Mayor Treloar. |                    |                            |                                           |                                                                                |      |                |                 |               |           |           |       |         |           |                            |        |
|                      | 66.           | 0                                 |                    | YES                        |                                           |                                                                                | ✓    |                | ✓               |               |           | ✓         |       |         |           |                            |        |
|                      | GRO-A 67      | 0                                 |                    |                            |                                           |                                                                                | ✓    |                |                 |               |           |           |       |         |           |                            |        |
|                      | 71            | 0                                 |                    |                            |                                           |                                                                                | ✓    |                | ✓               |               |           |           |       |         |           |                            |        |
|                      | 66.           | 1                                 |                    | YES                        |                                           |                                                                                |      |                | ✓               |               |           | ✓         | ✓     |         |           |                            |        |

\* Please enter "Yes" where appropriate

Centre: BRISTOL 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 1978/9* | On Regular Home Therapy from your Centre* | Type of Material(s) received during 1978 (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 |
| GRO-A                | 2.70          | 0                         |                    |                      |                                           | ✓                                                                                |      | ✓              |                 |               |           |           |       |         |           |                            |        |
|                      | 2.68          | 3                         |                    |                      |                                           | ✓                                                                                |      | ✓              |                 |               |           |           |       |         |           |                            |        |
|                      | GRO-A 77      | 4                         |                    |                      |                                           | ✓                                                                                |      |                |                 |               |           |           |       |         |           |                            |        |
|                      | 72            | 5                         |                    |                      |                                           | ✓                                                                                |      | ✓              |                 | ✓             |           |           |       |         |           |                            |        |
|                      | 75            | 0                         |                    |                      |                                           | ✓                                                                                |      |                |                 |               |           |           |       |         |           |                            |        |
|                      | 1963          | 3                         |                    |                      | YES                                       | ✓                                                                                |      | ✓              |                 | ✓             | ✓         | ✓         |       |         |           |                            |        |
|                      |               |                           |                    |                      |                                           |                                                                                  |      |                |                 |               |           |           |       |         |           |                            |        |
|                      |               |                           |                    |                      |                                           |                                                                                  |      |                |                 |               |           |           |       |         |           |                            |        |
|                      |               |                           |                    |                      |                                           |                                                                                  |      |                |                 |               |           |           |       |         |           |                            |        |
|                      |               |                           |                    |                      |                                           |                                                                                  |      |                |                 |               |           |           |       |         |           |                            |        |

\* Please enter "Yes" where appropriate

## Form A(3)

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

HCDO0001238\_0005

RECEIVED 2 APR 1979

FORM A (1)

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

Annual Return for 1978

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

Centre: BRISTOL ROYAL INFIRMARY.

Director: DR.G.L.SCOTT.

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

36

Number with Factor VIII antibodies:

-

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

6

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                                     |                          |                                         |                                             |
| Cryoprecipitate                            | 2264                     | 153,420                                 |                                             |
| NHS Human Factor VIII Concentrate          | 1289                     | 269116                                  |                                             |
| Abbott Factor VIII Concentrate (Profilate) | -                        | -                                       |                                             |
| Armour Factor VIII Concentrate (Factorate) | 1710                     | 462800                                  |                                             |
| Cutters Factor VIII Concentrate (Koate)    | 374                      | 110520                                  |                                             |
| Hyland Factor VIII Concentrate (Hemofil)   | 295                      | 74600                                   |                                             |
| Immuno Factor VIII Concentrate (Kryobulin) | -                        | -                                       |                                             |
| Other Human Factor VIII Concentrate***     |                          |                                         |                                             |
| Bovine/Porcine Factor VIII Concentrate     |                          |                                         |                                             |
| NHS Factor IX Concentrate                  | 227                      |                                         | 129632.                                     |
| Commercial Factor IX Concentrate***        | 28                       | Sent by us to Dr. Helman, - BATH.       | 16084                                       |
| Other Materials (please specify)xxxx       |                          |                                         |                                             |

\* 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 1,102,516

\*\*\*\* 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 15.     | GRO-A 178     | Suicide.       |
|                 | Haemophilia | GRO-A 31.     | GRO-A 78.     | Renal failure. |
|                 |             |               |               |                |
|                 |             |               |               |                |
|                 |             |               |               |                |

HCDO0001238\_0006

Annual Returns for 1978Centre: BRISTOL ROYAL INFIRMARY

Total amount of material used for the treatment of Haemophilia A patients who have Factor VIII antibodies (inhibitors).

| Type of material used                          | Amount used during 1978* |       |                  |       |
|------------------------------------------------|--------------------------|-------|------------------|-------|
|                                                | At Hospital              |       | For Home Therapy |       |
|                                                | Bottles                  | Units | Bottles          | Units |
| Cryoprecipitate                                |                          |       |                  |       |
| NHS Factor VIII Concentrate                    |                          |       |                  |       |
| Abbott Factor VIII (Profilate)                 |                          |       |                  |       |
| Armour Factor VIII (Factorate)                 |                          |       |                  |       |
| Cutters Factor VIII (Koate)                    |                          |       |                  |       |
| Hyland Factor VIII (Hemofil)                   |                          |       |                  |       |
| Immuno Factor VIII (Kryobulin)                 |                          |       |                  |       |
| Bovine Factor VIII                             |                          |       |                  |       |
| Porcine Factor VIII                            |                          |       |                  |       |
| Factor IX Concentrate<br>(please specify type) |                          |       |                  |       |
| Other Materials<br>(please specify)            |                          |       |                  |       |

Comment (if any):

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

\*\*Factor IX Units

Annual Returns for 1978Centre: BRISTOL ROYAL INFIRMARY.

Total amount of material used for the treatment of Haemophilia B (Christmas Disease) patients who have factor IX antibodies (inhibitors).

| Type of Material Used                         | Total Amount Used During 1978* |       |                  |       |
|-----------------------------------------------|--------------------------------|-------|------------------|-------|
|                                               | At Hospital                    |       | For Home Therapy |       |
|                                               | Bottles                        | Units | Bottles          | Units |
| NHS Factor IX Concentrate                     |                                |       |                  |       |
| Commercial Factor IX<br>(Please specify type) |                                |       |                  |       |
| Other Materials<br>(Please specify)           |                                |       |                  |       |

Comment (if any):

NONE

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



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

Annual Return for 1978 - Carriers of Haemophilia or Christmas Disease

Centre: BRISTOL ROYAL INFIRMARY

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

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

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                        |                          |                                 |             |
| 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 |                          |                                 |             |
| NHS Factor IX Concentrate              |                          |                                 |             |
| 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:-

| Full Name of Patient | Date of Birth | Basic Factor VIII Level % | Jaundiced in 1976/9* | Type of Material Received During 1976 (please tick (✓) appropriate Column) |      |               |                 |              |                           | Reason for treatment |
|----------------------|---------------|---------------------------|----------------------|----------------------------------------------------------------------------|------|---------------|-----------------|--------------|---------------------------|----------------------|
|                      |               |                           |                      | Plasma                                                                     | Cryo | Oxford F.VIII | Elstree F. VIII | Edin. F.VIII | Commercial F.VIII conc.** |                      |
| NONE                 |               |                           |                      |                                                                            |      |               |                 |              |                           |                      |

\* Please enter "Yes" where appropriate  
 \*\* Please enter type(s) of material

Survey of Patients Treated at Haemophilia Centres in the U.K.Annual Return for 1978 - von Willebrand's Disease PatientsCentre: BRISTOL ROYAL INFIRMARY.Total number of patients with von Willebrand's disease treated during the year\*: 3

Material(s) used to treat these patients:-

| Type of Material Used                  | No. of bottles<br>etc. used | Amount used (factor VIII units) |
|----------------------------------------|-----------------------------|---------------------------------|
| Plasma                                 |                             |                                 |
| Cryoprecipitate                        | 82 Bags.                    | 5,740                           |
| NHS Human Factor VIII Concentrate      | 179                         | 40225                           |
| 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.

## Form A(8)

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

[illegible]

Carriers of Christmas Disease treated during the year:

```
** Please enter type(s) of material
```