

Appendix B

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CONFIDENTIALProvisional Report on 1986 survey of anti-HIV in haemophiliacs in U.K.

Each of the 109 Haemophilia Centres in the U.K. was sent a print-out in May, 1986 showing the names of patients who had been treated at that Centre in the period 1980-85. The Director was asked to denote on the print-out those patients who had been tested for anti-HIV, the most recent test result and the date of the test. Directors were asked to return the information by 9th July, 1986. The procedure was the same as that used in the 1985 survey of prevalence of anti-HIV.

Results: To date reports have been received from 84 centres. As in the 1985 survey of anti-HIV, several centres have not sent information because of their concern about confidentiality. Thirteen centres which contributed data in 1985 did not do so in 1986 and 14 which had not contributed in 1985 did so in 1986. This must be borne in mind when trying to compare the results of the 1986 survey as shown in table 1 and 2 with the 1985 survey published in the B.M.J. 1986 (293, 175-76).

In the present survey results were received for a total of 2941 patients with haemophilia A, B or von Willebrand's disease. Table 1 shows the numbers tested in each disease category along with the numbers who were found to be positive for anti-HIV.

Table 2 gives a detailed analysis of results for haemophilia A and B patients broken down into age and severity groupings. In the case of haemophilia A patients 40% of the total number tested were anti-HIV positive compared to 44% in 1985. If the severely affected and hence most intensively treated patients are considered separately 58% of those tested are sero-positive compared with 59% in 1985.

Twenty-five percent of children less than 10 years of age and 50% of those less than 20 years of age are sero-positive compared with 24% and 52%

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respectively in the 1985 survey.

In the case of haemophilia B patients 7% of the total number of patients tested were anti-HIV positive compared with 6% in 1985. Eleven percent of severely affected patients were positive compared with 8% in 1985. There are no reports of any child less than 10 years of age being anti-HIV positive.

Of 327 patients with von Willebrand's disease tested 2.75% were antibody positive compared with 5% in 1985.

More detailed analyses of the 1985 and 1986 returns showed that a total of 2151 patients were present in both surveys (1707 haemophilia A, 283 haemophilia B, 161 von Willebrand's disease) and that 42 haemophilia A patients, 7 haemophilia B patients and no von Willebrand's patients had sero-converted since the first survey. In order to ascertain the significance of these sero-conversions and their relationship to replacement therapy, it is necessary to obtain more details about transfusion history and the possible dates of sero-conversion. It will be important to find out the date of the last sero-negative test, the date of the first sero-positive test, the date of the last dose of unheated concentrate and the date of the first dose of heated concentrate. This information is now being requested from the centres involved. We are also carrying out a more detailed analysis of the age and severity groupings in those patients who appeared in both surveys.

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Table 1

Number of patients tested for anti-HIV and number found positive
(1986 survey)

<u>Diagnosis</u>	<u>No. tested</u>	<u>No. +</u>	<u>% +</u>
Haemophilia A	2228	902	40.48
Haemophilia B	386	26	6.74
von Willebrand's disease	327	9	2.75
TOTAL	2941	937	31.86

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Table 2

Analysis of anti-HIV in relation to severity of coagulation defects and age of patients suffering from haemophilia A or haemophilia B (1986 survey)

Age (Years)	F.VIII/IX Level														
	<2 Patients No. + % + tested			2-10 Patients No. + % + tested			>10 Patients No. + % + tested			Not known Patients No. + % + tested			Total Patients No. + % + tested		
Haem. A															
<5	65	6	9	21	3	14	3	0	0	1	0	0	90	9	10
5-9	96	34	35	48	7	15	20	1	5	0	0	0	164	42	26
10-14	92	63	68	53	11	21	31	2	6	0	0	0	176	76	43
15-19	148	96	64	78	21	27	23	2	9	1	0	0	250	119	48
20-29	339	231	68	157	30	19	66	9	14	4	0	0	566	270	48
30-39	239	159	67	96	18	19	51	6	12	2	0	0	388	183	47
40-49	150	97	65	61	9	15	29	6	21	5	0	0	245	112	46
50-59	83	40	48	45	4	9	32	4	13	1	0	0	161	48	30
60-69	51	19	37	43	7	16	31	0	0	3	0	0	128	26	20
70+	17	4	24	25	8	32	11	3	27	0	0	0	53	15	28
Not known	2	0	0	2	0	0	0	0	0	3	2	67	7	2	29
TOTAL	1282	749	58	629	118	19	297	33	11	20	2	10	2228	902	40
Haem. B															
<5	10	0	0	6	0	0	1	0	0	0	0	0	17	0	0
5-9	19	0	0	15	0	0	3	0	0	0	0	0	37	0	0
10-14	16	1	6	14	0	0	5	0	0	1	0	0	36	1	3
15-19	21	3	14	18	1	6	3	1	33	0	0	0	42	5	12
20-29	52	10	19	40	0	0	4	0	0	1	0	0	97	10	10
30-39	35	1	3	15	1	7	9	0	0	2	0	0	61	2	3
40-49	20	3	15	9	0	0	2	0	0	4	0	0	35	3	9
50-59	13	2	15	17	0	0	5	0	0	0	0	0	35	4	11
60-69	7	1	14	8	2	12	3	0	0	0	0	0	18	1	6
70+	1	0	0	4	0	0	1	0	0	0	0	0	6	0	0
Not known	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0
Total	194	21	11	1	4	3	37	1		8	0	0	386	26	7

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