

CONFIDENTIAL

NBTS "LOOK-BACK" October 1985 - December 1989

A summary of the follow-up of previous donations from donors found anti-HIV positive in routine screening of blood donations from its introduction in October 1985 to the end of 1989.

The first four and quarter years of routine anti-HIV screening of all blood donations identified 67 positive donors who had given blood before (repeat donors). Thirty-three were homo- or bi-sexual, 18 (10 female) were exposed heterosexually outside Africa, 3 were African or had lived in Africa, one was exposed through IVDU and one by transfusion. For 8 a probable route of transmission had not been established. The year of the positive donation and sex of the donors concerned are shown in Table 1.

At the time of preparing this report information about the follow-up of previous donations from these donors had been received for 64 of them. They had given at least 419 donations between them, the range being 1-73. The median number was two, and a quarter had given six or more times previously.

Most of the donations involved in this look-back had been made before routine anti-HIV testing started, but thirty-nine of them had been given since the introduction of screening. All but one was negative. For those about whom further information had been supplied, no sero conversions had been observed in the recipients of their blood. However, because of patient deaths from underlying causes, difficulties in identifying recipients and reluctance to alarm patients, follow-up has not been complete. Therefore the possibility that HIV transmissions from screened blood have taken place cannot be ruled out. The remaining donation gave an atypical screening result and was not transfused. The twelve anti-HIV positive recipients of blood or components identified in this look-back resulted from donations taken before the introduction of screening from ten donors. A donation from one of them is known to have infected two of 24 recipients of unheated Factor IX produced from it. Another of the ten, whose blood was given to an accident victim who died soon after, passed HIV infection to the recipients of the heart and kidneys of the victim.

In appendix A a summary is given of the donation history and the follow-up reported for each of the 67 anti-HIV positive repeat donors identified by routine screening to the end of 1989. This does not cover all recorded transfusion associated transmissions of HIV from RTCs in England Wales and N Ireland: those found as a result of the investigation of positive recipients are not included. The summary reveals differences in follow-up capacity and practice between centres; the lack of computerised records can be a limitation, and while some centres have pursued every identifiable donation, others have curtailed look-back when they have identified a negative recipient, or have evidence that the donation predates infection. There are also gaps when donors have moved between regions.

Greater uniformity of practice seems desirable, and I would like to suggest the following for consideration:

- 1) That when more than one transfusion centre is concerned the centre where a positive donor is identified is the one responsible for collating the look-back data.
- 2) That wherever possible look-back continues retrospectively through the previous donations until either a) all have been investigated, or b) an anti-HIV negative recipient is identified, unless there is any doubt about the accuracy of the record keeping which makes further look-back desirable.
- 3) That look-back should be applied in the same way to all donors, however discovered to be anti-HIV positive, and not only to those identified by donation screening.
- 4) That the results of the look-back be recorded on a form such as the one used to produce this summary (Appendix 2) and collected and collated centrally on an annual basis.

I would like to thank all those involved in collecting and supplying the information on which this summary is based.

Janet Mortimer PHLs CDSC

11th Sept 1990

Table 1 Sex and year of positive donation of anti-HIV positive repeat donors (NBTS data Oct 85 to Dec 89).

	1985	1986	1987	1988	1989	Total
Male	7	20	4	11	10	52
Female	0	5	3	2	5	15
Total	7	25	7	13	15	67

Key to BTCs (not sent to Mr Maybank)

A Belfast	I Manchester
B Birmingham	J Newcastle
C Brentwood	K N London
D Bristol	L Oxford
E Cardiff	M Sheffield
F Lancaster	N Tooting
G Leeds	O Wessex
H Liverpool	

# Appendix 1

## FOLLOW-UP OF PREVIOUS DONATIONS FROM DONORS FOUND POSITIVE IN DONATION SCREENING: OCTOBER 1985 TO DECEMBER 1989 INCLUSIVE.

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BTC YOB Sex Exp. M/Y Previous Donations  
Pos Don No. M/Y Summary of follow-up information  
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Belfast

A 62 M HO/BI 12/85 6 12/84 Unit not issued.  
No records of earlier donations; no f-up possible.  
A 49 F HETERO 09/86 7 11/78 No records; no f-up.  
A 22 F N.E. 04/87 7 07/86 WB, r. W Blot negative 12.6.87.  
No further look-back.

Bleau

B 60 F HETERO 08/86 1 07/85 WB, r. died untested for HIV antibody.  
B 50 M HO/BI 09/86 4 03/86 RBCs, r. anti HIV neg 4 months post tx.  
09/85 WB, " " " 12 " " "  
01/85 CRC, Recipient died untested.  
Platelets, " " " "  
05/84 WB, " " " "  
B 51 M HETERO 09/87 5 09/86 Donation not used. HIV neg.  
03/86 CRC, not used.  
platelets, not used.  
03/85 CRC, not used.  
Platelets, not used.  
09/84 CRC, r. died 11/84.

Burton

C 29 M N.E. 01/86 35 03/84 RBCs, r. died post-op.  
02/83 No information.  
08/82 RBCs, r. anti-HIV neg 23/05/86.  
02/82 RBCs, " " " " 04/88.  
08/81 No information.  
No further look-back (policy)  
C 48 M HO/BI 03/86 19 04/85 RBCs time expired.  
Plasma to BPL.  
10/84 RBCs, r. anti-HIV neg 1986  
FFP, r. died within days.  
Platelets, r. died.  
02/83 WB, r. details unavailable.  
06/82 WB, r. anti-HIV neg mid-1986.  
11/81 RBCs, records lost at hospital.  
Plasma to BPL.  
06/81 RBCs, r. died 1 month later.  
Plasma to BPL.  
No further look-back (policy)  
C 60 M HO/BI 03/86 6 09/85 RBCs to BGRL for reagent use, no further info.  
Plasma to BPL-recalled before fractionation.  
03/85 RBCs not transfused  
Plasma to BPL.  
09/84 RBCs, r. anti-HIV POS July 1987.  
Plasma to BPL.  
06/84 RBCs, r. anti-HIV POS stored sample tested early 86.

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 BTC YOB Sex Exp. M/Y Previous Donations  
 Pos Don No. M/Y Summary of follow-up information  
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C 39 M HO/BI 03/86 17 07/83 RBCs, r. neg April 1986.  
 Plasma to BPL.  
 01/83 WB, r. died 8 months later.  
 08/82 WB, r. not followed-up, by physiaican's wish.  
 01/82 WB, r. alive mid 86, untested  
 08/81 RBCs, anti-HIV neg late 86  
 03/81 RBCs, r. anti-HIV neg June 86.  
 C 64 M HETERO 03/86 6 09/85 RBCs, anti-HIV POS Oct 86. Died (acute leuk.)  
 Plasma, to BPL not processed.  
 04/85 RBCs, r. anti-HIV POS in Nov 88.  
 Plasma to BPL.  
 04/84 RBCs, r. anti-HIV neg June 86  
 Plasma to BPL.  
 10/83 RBCs returned time expired.  
 Plasma to BPL.  
 04/83 WB, r. died May 83  
 C 57 M HETERO 05/86 2 05/85 RBCs, r. untested by physician's wish.  
 Plasma to BPL  
 10/84 WB, no response from r's GP.  
 C 35 M HO/BI 04/87 2 09/83 RBCs not issued (tropical area)  
 Plasma to BPL (albumin and immunoglobulin only)  
 03/83 RBCs not issued (tropical area)  
 Plasma to BPL (albumin and immunoglobulin only)  
 C 38 M HO/BI 10/88 2 01/84 RBCs, r. anti-HIV neg March 87.  
 Plasma to BPL.  
 07/83 RBCs no information.  
 Plasma to BPL.  
 C 38 M N.E. 10/89 ? ?/58 Donated in armed forces.

*Smith* - D 58 M HO/BI 10/85 2 05/85 RBCs not transfused  
 Plasma to BPL. Withdrawn.  
 10/84 RBCs not transfused.  
 Plasma to BPL. Withdrawn.  
 D 55 M AFRICA 09/87 1 ?/80 Donated as student in Leeds  
 D 44 M HO/BI 02/88 2 09/86 Screened negative, no f-up.  
 02/86 " " " "

*Condiff* = E 57 M HO/BI 10/86 9 03/86 Plasma not used, leaking bag.  
 10/85 Plasma not used, leaking bag.  
 10/84  
 03/84

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 BTC YOB Sex Exp. M/Y Previous Donations  
 Pos Don NO. M/Y Summary of follow-up information  
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*Lancaster*

F 54 M HETERO 07/88 5 /78 No f-up.  
 F 63 F HETERO 05/89 2 05/85 Part pack, not issued.  
 02/85 WB, r. died Feb 85  
 F 45 M HO/BI 09/89 07/87

*Leeds*

G 55 M HO/BI 01/86 4 07/85 RBCs not transfused  
 Plasma withdrawn from processing  
 01/85 WB, r. died Feb 85  
 07/84 RBCs not transfused.  
 Plasma withdrawn from processing  
 01/84 RBCs not transfused  
 FFP Batch discarded, contained Hep B pos donation  
 G 60 M HO/BI 02/86 2 03/85 RBCs, r. died April 85  
 FFP, r. anti-HIV POS Feb 86  
 07/84 RBCs, r. died soon after tx.  
 Platelets, r. died soon after tx.  
 Plasma used for un-heated FVIII & IX, 2/24 FIX r.sPOS  
 G 63 F HETERO 09/86 1 09/85 RBCs, r. anti-HIV POS June 86  
 Plasma withdrawn from processing.  
 G 59 F HETERO 11/87 ?10 03/86 RBCs, r. anti-HIV neg Aug 89  
 Plasma pooled.  
 09/84 RBCs, r. untested.  
 Plasma pooled.  
 12/83 WB, r. died Feb 84.  
 01/79 Not followed-up.  
 G 63 F HETERO 02/88 4 03/84 RBCs prob. not tx, records incomplete  
 Plasma to BPL.  
 08/83 WB, r. died Oct 83.  
 01/83 WB, r. untested.  
 08/82 RBCs not followed-up  
 FFP " "  
 G 45 M HO/BI 07/88 ?2 ?/84 Donated in London. No trace.  
 G 67 M HO/BI 10/88 1 03/88 RBCs, r. not followed-up.  
 Plasma pool withdrawn.  
 G 55 M HETERO 11/88 ? 06/76 No look-back.  
 G 58 M HO/BI 07/89 1 03/86 WB, r. anti-HIV neg Nov 89.

BTC	YOB	Sex	Exp	M/Y	Previous Donations
Pos	Don	No.	M/Y	Summary of follow-up information	

4/19/84 = H	65	M	HO/BI	08/86	5	11/84 WB unused. 07/84 RBCs no details obtained. Plasma to BPL. 04/84 RBCs, r. anti-HIV <u>POS</u> Aug 87. Platelets not used. 07/83 WB no details obtained. 05/82 RBCs no details obtained. Plasma to BPL.	
H	29	M	HO/BI	12/87	2	06/87 WB, r. anti-HIV neg June 88. 01/79 Not traced.	
H	59	M	N.E.	07/88	36	06/88 Plasma anti-HIV neg, not used (bag burst) 31 other plasma donations, preceded by four blood donations. No f-up because of many negative tests.	
H	51	M	N.E.	04/89	6	06/88 RBCs, r. anti-HIV neg. Platelets, r. not tested. 01/88 WB not used (insufficient volume) 09/87 RBCs, r. died (not HIV related) Plasma to BPL. 06/87 RBCs, r. infant; no information. Plasma to BPL. 03/85 RBCs, r. anti-HIV neg Sept 89. Platelets issued, no record of use. 02/84 RBCs not used. Plasma to BPL.	
H	38	M	HO/BI	07/89	>2	06/86 RBCs, r. a & w Sept 89, not tested. Plasma to BPL. 08/82 RBCs, r. died 11/85. Other donations pre-75	
n/c	I	55	M	HO/BI	11/85	5	06/85 WB, r. anti-HIV <u>POS</u> Mar 86 01/85 WB, r. died cardiac cause. 08/85 WB, r. died ( <u>RTA, HIV trans. to heart and kidney r.s</u> ) 03/84 WB, r. died Oct 84. 09/83 WB, r. anti-HIV neg Mar 86
I	50	M	HO/BI	01/88	5	05/76 WB, r.died. 06/75 WB, r.died. 12/75 WB, no sample available. 12/74 No trace of donation.	
n/c	J	44	M	AF RES	08/89	04/85	
	J	58	M	HO/BI	09/88	05/88	
	J	56	M	HO/BI	04/86	04/85	



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 BTC YOB Sex Exp. M/Y Previous donations  
 Pos Don No. M/Y Summary of follow-up information  
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N/L  
 K 59 M HO/BI 11/85 1 03/85 WB, r. anti-HIV POS Feb 86.  
 K 46 M HO/BI 03/86 5 09/84 WB, r. anti-HIV POS 86  
 03/84 WB, r. died April 85 (not HIV related)  
 07/83 WB, r. from M. East, no HIV information.  
 01/83 WB, r. anti-HIV neg 86.  
 11/82 WB, discarded time expired.  
 K 61 M HO/BI 06/86 2 09/85 RBCs, r. died post-op.  
 Plasma to BPL. Withdrawn pre-fractionation.  
 06/84 RBCs discarded time expired.  
 Plasma to BPL. Withdrawn pre-fractionation.  
 K 47 M HO/BI 06/86 2 11/84 WB, r. anti-HIV POS 86 (German resident).  
 ?/81 No records.  
 K 46 M HO/BI 10/86 1 12/84 WB, r. anti-HIV POS 88  
 K 52 M HETERO 11/86 1 11/81 RBCs presumed discarded.  
 Platelets, r. untested.  
 Cryo, prob to haemophiliac. Not traced.  
 K 60 M HETERO 12/86 ?2 /81 Donations in Northern region & ?ABSD  
 K 62 F HETERO 04/87 7 08/85 RBCs, r. died during hospital admission  
 FFP, r. died  
 Platelets, r. anti-HIV neg 87.  
 12/84 No further look-back.  
 K 41 M N.E. 06/89 2 06/87 Donated in S Lond: RTC informed.  
 K 68 F HETERO 07/89 1 08/88 Part pack: not issued (anti-HIV neg)  
 K 67 F AFRICA 12/89 1 06/89 RBCs discarded, malarial area.  
 Plasma to BPL. (BPL notified)

Exford =  
 L 60 M HO/BI 04/86 10/83 Previous donations in Newcastle-on-Tyne.  
 L 44 M HO/BI 11/89 38 03/89 WB, r. anti-HIV neg Nov 89  
 No further f-up.

Sheffield  
 M 58 M IVDU 10/85 2 11/84 WB, r. died.  
 05/84 RBCs, r. died.  
 Plasma to BPL.  
 M 69 M HETERO 01/88 1 03/87 No f-up as HIV seemed to be acquired post donation.

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 BTC YOB Sex Exp. M/Y Previous Donations  
 Pos Don No. M/Y Summary of follow-up information  
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*Follow-up*

N	57	M	N.E.	10/85	12	12/84	RBCs, r. died Jan 85 Platelets, r. died July 85 01/84 RBCs time expired. Platelets, r. died early 84. 08/83 RBCs, r. died Mar 84. Platelets, r. died late 84. 04/83 RBCs, r. anti-HIV neg. Platelets, no record at hospital. 10/82 RBCs discarded. 05/82 RBCs, no details of r. status 03/81 RBCs, r. died July 81. Platelets, r. died Jan 82. 10/80 RBCs, r. died Dec 80.
N	59	M	HO/BI	10/85	3	-08/85	RBCs, r. died Jan 85. 11/81 RBCs time expired. 04/81 RBCs, r. died Feb 83.
N	63	F	HETERO	06/86	3	12/85	RBCs no trace at hospital. Platelets, r. died June 86. 04/85 RBCs, r. anti-HIV neg. Platelets not traced. 01/84 RBCs, r. anti-HIV neg.
N	46	F	TX	08/86	2	08/85	RBCs, hospital failed to respond to f-up. 04/85 RBCs, " " " "
N	34	M	N.E.	10/86	73	05/86	Donation discarded: HIV result equivocal. 11/85 RBCs, r. died March 86. Platelets, r. died Nov 85. 04/85 RBCs, r. anti-HIV neg. 11/84 RBCs FFP, r. anti-HIV neg. 06/84 RBCs time expired. 12/83 RBCs, r. alive and well. Platelets not traced. Cryo discarded. 06/83 RBCs discarded Platelets not traced. 11/82 RBCs Platelets, r. anti-HIV neg. Cryo 04/82 RBCs, r. alive and well. Platelets, r. died post-transfusion. 10/81 RBCs, r. alive and well.
N	37	F	N.E.	04/88	1	11/85	Plasma to BPL.



BTC	YOB	Sex	Exp.	M/Y	Previous Donations	Pos Don No.	M/Y	Summary of follow-up information
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N	59	F	N.E.	07/89	6	04/88		Plasma to BPL (tropical area).
						11/87	"	"
						06/87	"	"
						08/86	"	"
						03/86	"	"
						10/85	"	"
N	64	M	N.E.	10/89	2	06/89		RBCs, not traced.
						06/88		RBCs, r. died.
N	64	M	HO/BI	12/89	2	10/88		RBCs, transfused, no r. details yet.
						05/88		RBCs discarded time expired.

*Went*

O	61	M	HO/BI	05/88	2	04/87		RBCs, r. anti-HIV neg.
								Platelets, r. ried, husband anti-HIV neg.
						08/86		Cells discarded (recent bee-sting)
								Plasma to BPL for albumin and gammaglobulin.
O	50	F	HETERO	09/89	19	03/89		WB, r. anti-HIV neg April 1990.
								No further f-up: exposure after March 89.

-also 16 plasma pheresis donations.  
donor transfused in 1983 with blood from donor subsequently found HIV positive.

"Look-back" summary for report to EAGA Sept 90

RTC\_\_\_\_\_

Follow-up of recipients of previous donations from HIV positive donor

Date of positive donation \_\_\_/\_\_\_/\_\_\_ Soundex \_\_\_\_\_ DoB \_\_\_/\_\_\_/\_\_\_ Sex \_\_\_\_\_

Donor number \_\_\_\_\_ Donation number \_\_\_\_\_

Number of previous donations \_\_\_\_\_

Report of follow-up, \*\* starting with most recent previous donation \*\*.

Date of donation \_\_\_/\_\_\_/\_\_\_

Component(s) produced (eg WB,RBCs,Platelets,FFP,Plasma) and their fate.

Component D.of Tx Recip. details (Why Tx'd, age: vital status & HIV res with dates)

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Date of donation \_\_\_/\_\_\_/\_\_\_

Component D.of Tx Recipient details

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Date of donation \_\_\_/\_\_\_/\_\_\_

Component D.of Tx Recipient details

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Date of donation \_\_\_/\_\_\_/\_\_\_

Component D.of Tx Recipient details

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Date of donation \_\_\_/\_\_\_/\_\_\_

Component D. of Tx Recipient details

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Please continue on a separate sheet if necessary

Key to BTCs (not sent to Mr Maybank)

A Belfast	I Manchester
B Birmingham	J Newcastle
C Brentwood	K N London
D Bristol	L Oxford
E Cardiff	M Sheffield
F Lancaster	N Tooting
G Leeds	O Wessex
H Liverpool	

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