4/823/04210 BA

ORGANISATION OF THE NATIONAL BLOOD TRANSFUSION SERVICE

NOTE OF AN OFFICE MEETING HELD ON 22 JULY 1977

PRESENT:



- 1. The Chairman referred to the note of the office meeting held on 20 October 1976 and explained that the expert working group set up to advise on future trends in the demand for blood products had met twice and made recommendations; a draft report was about to be circulated to the group's members. It was now necessary for the Department to decide how to proceed.
- 2. In discussion the following points were made:
 - a. It would be necessary to undertake a technicial appreciation of the implications for NBTS operations of the working group's recommendations. Any assessment of NBTS processing capacity would have to take account of Medicines Act requirements.
 - b. The Regional Transfusion Directors had submitted evidence to the Royal Commission on the NHS. It would be advisable to await the report of the Royal Commission before considering any reorganisation of the Regional element of the NBTS; however, a review of the central laboratories' organisation and management (including financial control) could take place before then.
 - c. The Central Committee for the NBTS would have to be formally told of the Department's intentions to review the NBTS and be involved as appropriate.
 - d. Blood products production had to be considered in a UK context; SHHD should therefore remain closely in touch.
 - e. The factual data about the current level of NBTS activities, both central and Regional, available to the meeting was insufficient to permit further decisions to be taken. Extensive data was thought to be already available in the Department.

ACTION

- 3. It was agreed that HS2A should:
 - a. arrange for the collation of the factual data about the NBTS held in the Department (2e, above); an early meeting with divisions concerned (MD, MED SM4, Supply and FB2) would be convened to see what information about the organisation, financing and scale of operation was available and how to supplement it, if necessary;
 - b. reconvene the present meeting in September by which time the factual data would be presented in a paper or papers;

- c. inform SHHD about progress;
- d. proceed with arrangements for a meeting of the Central Committee in November;
- e. arrange for to be provided with copies of papers setting up the Central Committee for the NBTS, its constitution and working papers:
- f. circulate to those present and others with an interest, the Regional Transfusion Directors' evidence to the Royal Commission on the NHS.

DHSS H1/B23/04 3LOOD COLLECTION

TESTING

PROCESSING

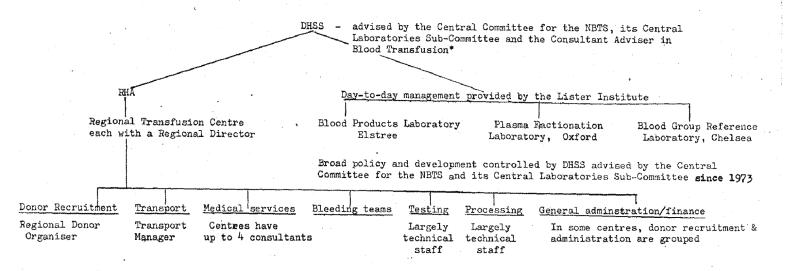
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August 1977

THE NATIONAL BLOOD TRANSFUSION SERVICE

Sheet 2

MANAGEMENT ARRANGEMENTS (ENGLAND)

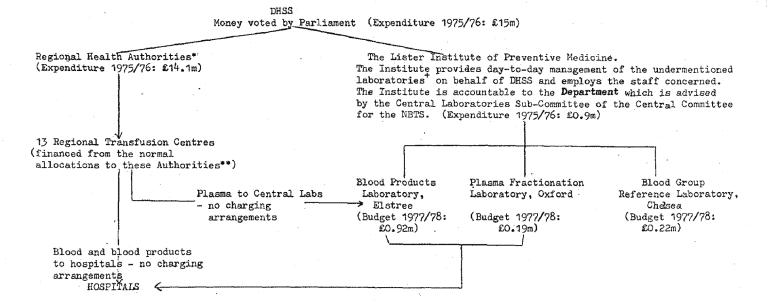


^{*} The Consultant Adviser holds regular meetings with Regional Transfusion Directors

August 1977

THE NATIONAL BLOOD TRANSFUSION SERVICE

FINANCE AND ACCOUNTING (ENGLAND)



- * Expenditure on the Cardiff Blood Transfusion Centre, covering South Wales, is not included in this table
- ** In one instance, when it was necessary to step up production of Factor VIII a special "Earmarked" supplement was made to health authorities
- + Responsibility for BGRL currently being transferred from MRC to Lister Institute

AUGUST 1977

Sheet 4

THE NATIONAL BLOOD TRANSFUSION SERVICE

The maximum annual production capacities of the Centre Blood Laboratories at Elstree & Oxford

	Blood Products Laboratory, Elstree	Plasma Fractionation Laboratory, Oxford
Albumin solutions PPF(400ml x 4.5g%) albumin (100ml x 20g%)	133,000 bottles 7,000 bottles	
Vormal immunoglobulin	200kg but only at the expense of albumin fractionation. Current uptake 50kg	
Specific immunoglobulins	BPL can prepare all for which specific plasmas are likely to be available .	·
Fibrinogen(1.5g/container, freezedried)	2,000 bottles	-
Pactor VIII concentrate (ca 2501u/bottle freezedried)	60,000 bottles 15 million iu	10,000 bottles 2,5 million iu
Factor IX concentrate (ca 800iu/bottle freezedried)		10,000 bottles 8.0 million iu

The capacities of these laboratories would be reduced at least temporarily if extensive changes were needed to meet the recommendations of the Medicines Act Inspectors.

WOTE:

AUGUST 1977

THE NATIONAL BLOOD TRANSFUSION SERVICE

THE RELATIONSHIP OF DEMAND AND SUPPLY OF THE MAIN BLOOD PRODUCTS

Estimated level of demand over the next 5-10 years (see Note 1 below)

Current rate of supply (August 1977)

ALBUMIN

200 gm per 1,000 population

Approx 50 gm per 1,000 population

FACTOR VIII

50 million iu

17.5 million iu: NHS freeze-dried concentrate
11.5 million iu: Cryoprecipitate (see note 2 below)

29 million iu: total

Donations per 1000 population

necessary to provide

50

35

albumin and Factor VIII on this scale

Notes:

- 1. Dependent on acceptance of 80% of blood in the form of red cell concentrates.
- Approximate figure; conclusions awaited about the yield of the factor in cryoprecipitate might suggest that this figure should be increased.

August 1977