

THE WELSH REGIONAL BLOOD TRANSFUSION SERVICE

Nineteen eighty-three saw the start of what is hoped to be a progressive expansion in blood collection and component processing scheduled to take place over the next few years. This growth is being brought about because it is overwhelmingly important for the United Kingdom to be self-sufficient in providing blood and blood-product needs for its own community. Over half of all the factor VIII blood clotting factor required for treatment of people with haemophilia is still imported and obtained from third world countries. This situation is quite unacceptable for a developed nation such as the United Kingdom and it is encouraging that steps are being taken to correct the position. A major component of the expanded National Blood Products Laboratory at Elstree, has involved the rebuilding of the Blood Products Laboratory at Hertfordshire. This will cost in excess of £2,000,000 and is planned for completion in 1986. The new laboratories will have the capacity to fractionate all the plasma required for the United Kingdom to be self-sufficient. An essential complement to this is the parallel expansion of B.T.S. activities within the regions and we in Wales hope to play our part fully. The task is substantial - over three times the current level of plasma collection will be required, and this is nearly ten times the level of provision of plasma in the late 1970s. To this end we have recruited, as a result of Welsh Office funding, a new blood collection team and funds are being sought for continued laboratory expansion to enable the first steps of component preparation to take place at the Cardiff centre. A major new computing development was initiated in 1983 involving the purchase of hardware to enable the computerisation of the process of donor call-up and record-keeping. This will begin to be implemented late in 1984 after full programme development and record conversion is completed. It is hoped that substantial improvements in the economy and flexibility of donor call-up to sessions will result.

SOUTH AUSTRALIAN HEALTH COMMISSION
PROPOSED VENTILATOR DEVELOPMENTS
CATEGORY A - (HIGHEST PRIORITY) SECTION 1

No & Planning Reference	Development Details and Reasons for Request for Central Funding	Cost (£)	
		Capital	Running
1	<u>CARDIAC SURGERY - UNIVERSITY HOSPITAL OF WALES</u> 1.1 Nursing : 6 night and 6 day nurses, SENs and allowances Medical Physics : 2 MPT III Perfusion Technicians Physiotherapy : 1 Senior II, 1 Basic Grade, 1 Halper Secretarial Services Pathology : 2 MLSCs TSC : 1 ASC4 TSC Assistant Miscellaneous : Increases in portering, radiography and pharmacy services Non staff Costs : including medical and surgical consumables Reasons for request: These services are required as a consequence of the appointment of a third Consultant Cardio-thoracic Surgeon, and are a most urgent priority, regardless of the outcome of discussions on the future development of regional cardiac surgery and cardiology services. 1.2 The existing nurse to patient ratio does not allow for the present workload nor for changes in clinical activity such as the increasing use of ventilation machines. Consequently, the present ratio of 3:1 should be increased to 4.48:1. Intensive Care Unit - Separation of facilities for cardiac surgery. Reason for request: This work is required urgently in order to provide proper facilities for cardiac surgery within the present general ITU.	141,000	
2	<u>CARDIOLOGY - UNIVERSITY HOSPITAL OF WALES</u> Upgrade ventilation of Cardiac Catheterization Suite Reason for Request: This development is required urgently, to maintain the high level of activity of this service.	15,000	
3	<u>BLOOD TRANSFUSION SERVICE</u> 3.1 (22) New Blood Collecting Team - 2 Blood Donor Attendants year 3 2 Clerical Officers 1 Clerk Driver 1 Clinic Driver Reason for Request: Central funding is already provided for 2 years of this 3 year development. New posts required for increased blood demand and staff cover for leave, sickness etc		