

COMMON SERVICES AGENCY PES 1993

DIVISION - Scottish National Blood Transfusion Service

INESCAPABLE DEVELOPMENT

1.0 Description of Development

Therapeutic Fresh Blood Products

With the ever increasing sophistication in the clinical use of fresh blood products eg red cell concentrates and platelets, the Service is experiencing increased demand for products tailored to an individual patient's requirements. These are :-

Production of Specialised Platelets

The modern treatment of cancer by chemotherapy - particularly blood cancer (leukaemia) - necessitates intensive support using platelet concentrates. These patients and others requiring multiple transfusions need special platelet preparations - from single donors using apheresis techniques - to avoid rejection of platelets and the dangerous clinical reaction that this causes. Patients undergoing transplant surgery also require such products. The costs below cover the increased cost of the extra consumables required during the period.

Leucocyte Depleted Blood Products

In March 1993 the Royal College of Physicians held a UK Consensus meeting to decide whether all cellular products provided by the UK Blood Transfusion Services should be leuco(white cell)depleted. The decision taken was that wholesale leucodepletion should not be undertaken and that the provision of these products should be restricted to the limited range of conditions where efficacy is proven. The bid below has £25,000 in for each of the PES years which is a substantial reduction on the bid of £910,000 in PES 1992.

2.0 Increase in baseline required (@1993 prices)	1994-95 £'000	1995-96 £'000	1996-97 £'000
Revenue (Cumulative)	65.0	100.0	135.0
Capital (Not cumulative)	nil	nil	nil

3.0 Consequences if Development does not proceed

The SNBTS will be unable to support clinicians with significant detriment to patient care.

4.0 Items to be deferred/ deleted from existing baseline to fund new development (state cost savings and consequences)

5.0 Other supporting information (output measures etc)