

- Paediatric products manufactured by IBTS

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Paediatric products

- Process review Paediatric products
- Four different blood packs at clinic level
- Concerns about errors with product requests
- Streamline internally within IBTS
- Update
- On line ordering

Manufacture of Paediatric products

- Blood donations in fixed centers and mobiles around the country
- Request clinics to bleed certain number of donations from donors that meet paediatric requirements
- At clinic or post testing can lose some e.g CMV ,high titre and prior to change failure of white cell count
- Top and top i.e. whole blood-plasma and red cell
or
- Top and bottom whole blood -plasma ,red cell and Buffy coat
- Buffy coat used primarily to make pooled platelets and granulocytes

Whole blood

- Previously bled third pack called “sextuple”
- Whole blood CPDA1 with satellites bags attached
- Anticoagulant change CPDA1 to CPD
- 2 Whole blood types held overnight, post testing release
- From 15-11-2010 use top and top
- -acute large volume, exchange and IUT products
- make some as standing orders
- hold some for five days to manufacture on demand
- reprocess to red cell or transformation on main frame computer-issued as adult red cell codes

Red Cells Plasma Reduced Leucodepleted Suitable for NNU for 5 Days from Date Drawn



Red Cells Plasma Reduced Leucodepleted Suitable for NNU for 5 Days from Date Drawn

- Product code -54350
- Remove some plasma to achieve Hct 0.5 to 0.6
- Under five days
- Acute large volume neonate/small infant
- Exchange neonate
- Blood group O
- 28 day shelf life
- Issues 2009 -846 returned 121

Red Cells Leucodepleted in Additive Solution Suitable for NNU for 5 Days from Date Drawn



Red Cells Leucodepleted in Additive Solution Suitable for NNU for 5 Days from Date Drawn

- Product code 54481
- Standard red cell with SagM
- Large volume in context surgery
- Expanded numbers and blood groups bleed
- Must be under five days
- Adult expiry 35 days
- Issues 2009- 1765 returned 140

Red Cells Leucodepleted in Additive Solution for NNU (Splits 1-5)



Red Cells Leucodepleted in Additive Solution for NNU (Splits 1-5)

- Product codes 56830, 56831, 56832, 56833, 56834.
- Split standard red cell by sterile connecting satellite bags and splitting into five aliquots
- Repeated small volume over four to five week period
- Should be transfused but not must under day five
- Group O , 35 day expiry
- Issues 1349 returned 77