

12 PLASMA DERIVED BLOOD COMPONENTS

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12.2 Albumex 4
Section 12
Transfusion Medicine Protocols
Women's & Newborn Health Services
Perth Western Australia

12.2 ALBUMEX 4 (HUMAN ALBUMIN 40G/L)

DESCRIPTION

Albumex 4 is a 4% iso-osmotic solution of human albumin that also contains Sodium 140mmol/L, Chloride 128mmol/L and Octanoate 6.4mmol/L.
It is available in two sizes:

- 50mL (2g of human albumin in 50mL electrolyte solution)
- 500mL (20g of human albumin in 500mL electrolyte solution)

INDICATIONS

Approved for fluid resuscitation (i.e. treatment of hypovolaemia/shock), and for cardiopulmonary bypass surgery and plasma exchange.

AVAILABILITY

Albumin may be ordered on a named patient basis from blood bank. For these specific cases the product will have a peel off product label which can be stuck on the transfusion medicine record form (MR735).

Albumin stocks are held in KEMH theatre for any urgent/out of hours cases.
If this product is to be used the satellite register must be filled in with the patient name and UMRN, time and date of collection.

DOSE AND ADMINISTRATION

Refer to current product information sheet
Administered through any standard IV infusion set. An in line filter is not necessary.

PATIENT MONITORING

Take observations as for all blood products

- Baseline TPR and BP
- TP at 15 minutes then hourly until completion.
- TPR and BP on completion.

After the infusion is complete flush the line with sodium chloride 0.9%

DOCUMENTATION

A record should be kept in the patient's history of the following

- The date and time of infusion
- Patients observations and general condition during the infusion
- Amount given
- The batch number and expiry date of each bottle used (place a sticker with the batch number on the Transfusion Medicine Record sheet MR735). This information is important should the patient have a reaction to the infusion or if there is a need to trace recipients of certain batch numbers at a later date.