



NEONATAL

ALBUMIN (HUMAN) 20%



This document should be read in conjunction with this [DISCLAIMER](#)

HIGH RISK Medication

There are 2 strengths of Albumin (Human) available, Albumin 4% and Albumin 20%.
Incorrect product selection could lead to severe circulatory overload.

Presentation	Vial: 200mg/mL (20%) 10mL, 100mL
Blood Product	Albumin is manufactured from pooled human plasma. Please read in with Transfusion Medicine Protocols – Albumin 20% . Written consent to blood products required. Refer to Transfusion Medicine Protocol – Blood Product Prescription Consent and Refusal .
Action & Indication	Plasma protein that maintains plasma colloid oncotic pressure. <ul style="list-style-type: none"> • Hypoproteinaemia. Used in patients with fluid or sodium restrictions
Dose	<u>HYPOPROTINAEMIA</u> IV: 0.5 - 1 g/kg/dose (2.5 - 5 mL/kg) May be repeated every 1-2 days.
Administration	Intravenous infusion: Infuse over 30 - 60 minutes. Faster infusion rates may be clinically necessary, refer to Neonatologist. Refer to Transfusion Medicine Protocols – Albumin 20% for specific administration advice.
Monitoring	Temperature, pulse, respiration, blood pressure. Observe for signs of hypervolemia, pulmonary oedema and cardiac failure. Refer to Transfusion Medicine Protocols – Albumin 20%
Preparation	Albumin is a clear or slightly opalescent solution. If it appears cloudy, do not use. Discard any unused solution.
Adverse Effect	Common: chills, fever, vomiting, urticaria Serious: Hypertension, vascular overload causing pulmonary oedema, cardiac failure, anaphylaxis

Related clinical guidelines	Transfusion Medicine Protocols – Albumin 20%
Comments	Compatible with: 0.9% Sodium chloride, 5% Glucose, glucose/saline solutions.
References	<ol style="list-style-type: none"> 1. Zenk KE. Neonatology: management, procedures, on-call problems, diseases, and drugs. Gomella TL, Cunningham MD, Eyal FG, editors. New York: McGraw-Hill; 2009. 2. Pediatric and Neonatal Dosage Handbook 21st Edition . Lexicomp 3. Neofax (accessed February 2017) 4. Frank Shann Drug Doses 5. Handbook of Injectable Drugs, Trissell

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