



## NEONATAL MEDICATION PROTOCOLS

**ALBUMIN (HUMAN) 4%**  
Created by: NCCU  
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NCCU Clinical Guidelines  
KEMH/PMH  
Perth, Western Australia

<b>DRUG:</b>	<b>ALBUMIN (HUMAN) 4%</b>
<b>PRESENTATION:</b>	Vial: 40mg/mL (4%) 50mL
<b>ACTION &amp; INDICATION:</b>	Maintains plasma colloid oncotic pressure. Used as a plasma volume expander in hypovolaemia.
<b>DOSE:</b>	Usual dose: 0.5-1g/kg (12.5-25mL/kg)
<b>ADMINISTRATION:</b>	Intravenous infusion over 30- 60 minutes, or as ordered by Consultant Neonatologist.
<b>ADVERSE EFFECTS:</b>	Too rapid infusion: Hypertension, vascular overload causing pulmonary oedema, cardiac failure, Intraventricular haemorrhage. Allergic reactions: Chills, fever, vomiting, urticaria, anaphylaxis.
<b>COMMENTS:</b>	Compatible with: 0.9% Sodium chloride, 5% Glucose, Glucose and saline solutions. Albumin (human) 20% also available (see protocol). <b>As this is a blood product, parents are to be notified before use.</b>
<b>REFERENCES:</b>	Gomella T. Neonatology 6 <sup>th</sup> Ed
<b>DATE:</b>	August 2013