

Furosemide in Albumin

FORM Ampoule containing 20mg in 2ml furosemide
Bags containing 20% albumin

INDICATION Second line treatment for oedema or oliguria

DOSE RANGE

a) Furosemide

AGE	DOSE	FREQUENCY	ROUTE
0 – 6 months	2 - 12mg/kg/day	Continuous	IV infusion

b) 20% albumin

AGE	DOSE	FREQUENCY	ROUTE
0 – 6 months	1 - 2g/kg/day (equal to 5-10 ml/kg/day)	Continuous	IV infusion

PRESCRIPTION OF CONTINUOUS INFUSION

FUROSEMIDE

- Select the desired dose of furosemide in mg/kg/day
- Multiply this dose by the patient's weight to give the total daily dose in mg (X) – ROUND TO NEAREST WHOLE NUMBER

ALBUMIN

- Select the desired dose of albumin in grams/kg/day
- Multiply the dose by the patient's weight to give the total daily dose in grams
- Multiply this figure by 5 to give the volume of albumin to be given over 24 hours (Y) – ROUND TO NEAREST WHOLE NUMBER
- Divide Y by 24 to give hourly rate (Z)

PRESCRIPTION

Drug: FUROSEMIDE		Concentration: Xmg in Yml	Diluent: ALBUMIN 20%
Time	Rate (ml/hr)	Dose	
14:00	Z	Desired dose mg/kg/day Furosemide Desired dose g/kg/day Albumin	

RECONSTITUTION

Already in solution

DILUTION

Using 10mg in 1ml Furosemide injection, draw up the required volume to give the prescribed total daily dose (X) and then dilute to the prescribed total daily volume of albumin 20% (Y)

METHOD OF ADMINISTRATION

Continuous infusion

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

COMPATIBILITY

Do not infuse with any other drugs or fluids

West of Scotland NEONATAL PARENTERAL Drug Monographs

SODIUM CONTENT Sodium Content, Zenalb[®] 20% 0.05-0.2mmol/ml, Flexbumin 0.13 – 0.16mmol/ml

LICENSED STATUS Unlicensed

LINKS [BNF for Children:](#) / [Electronic Medicines Compendium](#)

APPLICABLE POLICIES [West of Scotland Neonatal Guidelines:](#)
Consult local policy if applicable

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Administer reconstituted solutions immediately.

All vials, ampoules and infusion bags are for single use only unless otherwise stated.

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.
This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.