

PAEDIATRIC SALBUTAMOL INFUSION CHART

For treatment of Severe Asthma in Paediatric Patients on advice of Senior Clinician

Loading dose: 15microgram/kg (max 250microgram)

- Calculate dose for child's weight
- Draw up required volume for dose
- Dilute dose to 5ml with Glucose 5% or Sodium Chloride 0.9% and give by slow intravenous injection over 5-10 minutes.

Maintenance dose: 1-5
microgram/kg/minute
(up to 10microgram/kg/minute on advice of PICU)

- Add 10mg Salbutamol (5mg in 5ml strength) to total volume of 50ml Glucose 5% or Sodium Chloride 0.9% in a syringe. (This gives a 200microgram/ml solution)
- To calculate the pump rate, multiply the patients weight by the appropriate volume corresponding to the prescribed dose (see table below).

<u>Pump Rate (ml/hr)</u>		<u>Prescribed Dose</u>
0.3ml x weight	=	1microgram/kg/minute
0.6ml x weight	=	2microgram/kg/minute
0.9ml x weight	=	3microgram/kg/minute
1.2ml x weight	=	4microgram/kg/minute
1.5ml x weight	=	5microgram/kg/minute

Incompatible with aminophylline. Do not run both infusions through the same line.

All steps in the preparation and administration of the infusion must be independently checked by another qualified member of staff

For alternative preparation using 500ml bag see PICU guidelines

Written by:

Date:

Approved by:

Review Date:

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