

HNE AREA Intensive Care

Paediatric Drug infusion Guideline

Approved For: JHH ICU only

SALBUTAMOL IV

Trade Name: Ventolin Obstetric

Presentation:

Indications: Severe Asthma

Administration;

- 0.5 ml/kg of ventolin obstetric (contains 1mg/ml) made up to 50 mls with N. saline or 5% dextrose.
- In extreme emergency, a bolus of 10 mls of the prepared solution may be given.
- Maximum amount is 15mls of ventolin obstetric made up to 50mls.
- May be made double strength.

Rate	Dose
6mls/hr	1mcg/kg/min(start rate)
12mls/hr	2 mcg/kg/min
30mls/hr	5 mcg/kg/min
45mls/hy	7.5 mcg/kg/min (Max)

Dose

Precautions

1. This is MUCH HIGHER dose per kilogram than the adult infusion. Adult infusion should be used for patients post puberty. Dose regimes should be limited by signs of ventolin toxicity. (Tachycardia, tremor, vomiting)
2. Dose should be titrated to heart rate. Aim for maximum pulse rate of 180 in a child < 6yrs, 160-170 if > 6yrs.
3. Potassium is driven into the cell by the high dose of salbutamol infusion. Potassium replacement should be considered.
4. High doses may cause hyperglycaemia. BSL should be measured regularly
5. Can be given centrally or peripherally by this regime

Compatibilities: Normal saline or dextrose 5%