

HNE AREA Intensive Care

Paediatric Drug infusion Guideline

Approved For: JHH ICU only

Vancomycin

Trade Name:

Presentation: 500mg vial

Indications: For treating multiresistant or suspected multiresistant organisms

Administration;

- Reconstitute 500mg vial with 10 mL of water for injection giving a concentration of 50 mg/mL.
- To a 50 mL syringe(or burette if final volume greater than 50ml) add the prescribed dose and one hour of maintenance fluid. (this is the minimum amount of fluid the drug can be mixed with and can be delivered peripherally)
- Administer over one hour using a syringe driver with additional maintenance infusion turned off.
- If given via a burette this must be appropriately labelled and any other maintenance fluids turned off. Infusion concentration should be no greater than 5mg/ml

NOTE:

- **the maintenance fluid is the amount of IV fluid per hour if the patient was not being fed i.e. ventilator maintenance. on paediatric printout for the child .**
- **Feeds should not be reduced and it is acknowledged that the child will have delivered increased total fluid over the period of drug delivery**

Dose 10-15 mg per Kg per dose, sixth hourly. Max 500 mg.

Precautions

- Should not be administered simultaneously with other antibiotics
- Rapid administration can lead to an erythematous rash with systemic reaction and shock ("red man syndrome")

Compatibilities: Compatible with all standard IV solutions. (N Saline, Hartmann's etc)

Created: 01-Jun-07 by J Wilson CNE Reviewed: 01-Jun-07 by Dr M Rowley Guideline to be reviewed before : 01-Jun-11
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