

HNE AREA Intensive Care

Paediatric Drug infusion Guideline

Approved For: JHH ICU only

ACICLOVIR

Trade Name: none

Presentation:

Indications: For treating severe herpes simplex virus infections especially herpes encephalitis

Administration;

- 250 mg vial in 10 mL giving a concentration of 25 mg/mL.
- To a 50 mL syringe 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 the maintenance infusion turned off. If given via a burette this must be appropriately labelled and any other maintenance fluids turned off.

Dose 10 mg per Kg per dose, eight hourly.

Precautions

- Acyclovir can uncommonly cause a reversible elevation in creatinine. This risk is increased by bolus injection, dehydration, and concomitant administration of other nephrotoxic drugs, eg frusemide, gentamicin. The dose may need to be reduced in the presence of renal impairment
- rapid administration may result thrombophlebitis and inflammation at the infusion site.

Compatibilities: Aciclovir is compatible with all intravenous infusion solutions, eg 4% dextrose + 1/5 N saline.
Not compatible with KCl.

Created: 01-Sep-98 by Dr M Rowley Reviewed: 01-Jul-08 by Dr M Rowley Guideline to be reviewed before : 01-Jan-10
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