



NEONATAL MEDICATION GUIDELINE

Pantoprazole

Scope (Staff): Nursing, Medical and Pharmacy Staff

Scope (Area): KEMH NICU, PCH NICU, NETS WA

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Description

Proton pump inhibitor (PPI)

Presentation

Vial: 40mg powder for reconstitution

Storage

Store at room temperature, below 25°C. Protect from light

Dose

Treatment of gastro-oesophageal reflux disease; including reflux oesophagitis and upper gastrointestinal bleeding

IV:

1 – 2 mg/kg/dose – may be given as a single dose or in 2 divided doses (every 12 hours)

Preparation

IV Injection

Reconstitute powder for injection with 10mL of Sodium Chloride 0.9%

Concentration = 40mg/10mL = **4mg/mL**

IV Infusion

Reconstitute powder for injection with 10mL of Sodium Chloride 0.9%

Concentration = 40mg/10mL = **4mg/mL**

Take 1mL (4mg) of the reconstituted solution and make up to a final volume of 10mL with a compatible fluid

Concentration = 4mg/10mL = **0.4mg/mL**

Administration**IV Injection**

Give at a concentration of 4mg/mL over 2 minutes

IV Infusion

Infuse at a concentration of 0.4mg/mL over 15 minutes

Compatible Fluids

Glucose 5%, Glucose 10% (Somac[®] brand only), Sodium Chloride 0.9%

Side Effects

Common: vomiting, constipation, flushing

Serious: anaemia, hypoxia, contact dermatitis

Interactions

Pantoprazole may decrease the absorption of thyroxine (levothyroxine) – separate doses by 2 hours

Do not mix undiluted pantoprazole with any other drugs

Monitoring

Monitor serum magnesium with long term use

Comments

Change to oral [omeprazole](#) as soon as practicable

KEMH stock Pantoprazole Sandoz[®] which is EDTA-free

Refer to KEMH Neonatal Medication Guideline: [Y-Site IV Compatibility in Neonates](#)

References

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