

HNE AREA Intensive Care

Paediatric Drug infusion Guideline

Approved For: JHH ICU only

CAFFEINE (base) oral use only

Trade Name:

Presentation:

Indications: Treatment and control of infant apnoea.

Administration; **Oral Loading Dose:** 25mg/kg Caffeine base in 2 doses 12.5mg/kg 2 hours apart

Oral maintenance Dose: 5 mg/kg/dose Caffeine base(once daily dosing).Start maintenance 24 hours after 2nd loading dose, or last IV dose of caffeine citrate.

administer with with feeds to reduce gastric irritation

Dose

Precautions Prescribe as oral Caffeine Base . (the IV preparation caffeine citrate is also a solution but a different preparation)

Adverse effects: Restlessness, feed intolerance, vomiting, failure to gain weight, diuresis, hyperglycaemia, glycosuria, jitteriness, tachycardia

Withhold if heart rate is greater than 180/min in neonate or greater than 160 in infant

Half life is 40-230 hours decreasing with increasing post natal age

Compatibilities:

Created: 01-Nov-03 by Dr K Havill Reviewed: 01-Jul-08 by Dr M Rowley Guideline to be reviewed before : 01-Jul-11
These guidelines are intended for and to be used only by experienced critical care staff under direct supervision of Hunter Health Area Intensive Care Specialists in designated Hunter Health Area Critical Care Areas. The Authors will not be responsible for inappropriate use of these guidelines