

# HNE AREA Intensive Care

## Paediatric Drug infusion Guideline

Approved For: JHH ICU only

### CAFFEINE CITRATE IV

**Trade Name:**

**Presentation:**

**Indications:** Treatment and control of infant apnoea.

**Administration;** **IV loading dose:** 25mg/kg caffeine citrate in 2 doses of 12.5mg/kg 1 hour apart  
**maintenance dose:** 5mg/kg/dose caffeine citrate(once daily dosing)  
(NB. These doses are different to the NICU regime which is for premature neonates)

**Dose**

**Precautions** Prescribe as IV caffeine citrate (the oral preparation caffeine base 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:** Compatible with all isotonic IV Fluids (Normal Saline, Hartmann's solution, 5% Dextrose.)

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Created: 01-Feb-02 by Dr K Havill Reviewed: 01-Jul-08 by Dr M Rowley Guideline to be reviewed before : 01-Jul-11  
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