

HNE AREA Intensive Care

Approved For: JHH and CMN ICU's and JHH HDU

HEPARIN SODIUM

Trade Name:

Presentation: Ampoules, 1000 units per ml. Vials 5000 units per ml, 5mls.

Indications: Anti-coagulant. Used for treating DVT's and pulmonary emboli and anticoagulating circuits e.g CRRT or devices e.g. IABP

Administration; Loading : 5,000 units over 1 minute if wt 40-90kg
7,500 units if weight >90kg

Infusion - 25,000 units is made up to 50 mls with normal saline. The infusion commences at 2 mls per hour. This gives 1000 units per hour.

Before commencing heparin, and 6 hours after commencement, an APTT is required. The therapeutic range is 40 - 60 seconds.

For Adjusting rate refer to [JHH pharmacy protocol](#)

Dose

Precautions **Possible Side effects:** Anaphylaxis; HITTS, Bleeding

In order to be consistent with John Hunter hospital wide policy, heparin infusions, and changes in infusion rate are to be charted on the blue IV FLUIDS CHART

Compatibilities: Incompatible with: All aminoglycosides, All penicillins and cephalosporins. Erythromycin Hydrocortisone Pethidine Morphine phenothiazines (eg phenergan, stemetil) Atropine Chlorpromazine Insulin Metaraminol (aramine)

Created: 01-Aug-98 by Dr M Rowley Reviewed: 01-Apr-08 by Dr M Rowley Guideline to be reviewed before : 01-Jan-11
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