

# HNE AREA Intensive Care

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

## SODIUM NITROPRUSSIDE

**Trade Name:** Nipride

**Presentation:**

**Indications:** Used for control severe hypertension

**Administration:** Add 2.5mls of 5% dextrose to the 50mg ampoule. Take 1ml of stock solution and add it to 49mls of 5% dextrose in a 50ml syringe.

A second 1ml dose may be added to a second syringe and stored in the 'fridge for use in 8 hours time'. The infusion may be made double strength for high dose

THIS STANDARD CONCENTRATION CONTAINS 20MG OF NITROPRUSSIDE.

10MLS PER HOUR GIVES 1 MICROGRAM /KG/MIN TO A 70KG ADULT.

100MLS/HR IS THE MAXIMUM DOSE AT THIS DILUTION.

If used for greater than 24hrs max rate 4mcg/kg/min

**Dose** Commence at 2mls/hr and increase as directed

**Precautions** The solution is STABLE FOR UP TO 24 HRS. Policy is to use a syringe for 8 hours and then discard it. The second syringe which has been stored in the fridge for 8 hours may be used.

The infusion solution may be pale brown. If the nitroprusside comes into contact with any other drug, it may react forming highly coloured reaction products(blue,green,red). Any other colour than light brown should be discarded immediately

**Compatibilities:** Incompatible with any other drug in solution or line

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Created: 08-Aug-98 by Dr M Rowely Reviewed: 01-Mar-03 by Dr M Rowley & Dr K Ellem Guideline to be reviewed before : 01-Jun-09

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