

## PROTOCOL FOR MORPHINE INFUSIONS

Morphine infusion is an established method of analgesia for infants older than six months. The advantage of continuous infusions is that more constant analgesia is achieved than with intermittent bolus injections. All children who may require narcotic infusions should be identified by the medical and nursing staff responsible for their care. Members of the Pain Service (i.e. Pain Control Nurse or anaesthetists) will be available for help and advice.

### THE STANDARD MORPHINE INFUSION IS -

- 1) Morphine Bolus (100mcg/kg) given in theatre.
- 2) 0.5mg/kg morphine in 500mls of 0.18% Sodium Chloride / 4% Glucose.
- 3) Start infusion at 10mls/hr (10mls/hr = 10mcg/kg/hr)

### GENERAL INSTRUCTIONS

- 1) The infusion route must be clearly marked on the patient's chart.
- 2) The infusion must be monitored by a nurse.
- 3) The infusion must be stopped if the patient becomes restless or agitated.
- 4) If pain scores are 2 or more increase infusion as required by 5mls/hr, up to a maximum of 40mls/hour. If patient is still sore or unsettled contact a member of the pain team.
- 5) Disposal of morphine must be checked and recorded in the medicine kardex by 2 nurses.
- 6) If nausea and vomiting occurs give Ondansetron 0.1mg/kg I.V. up to a maximum of 4mgs 8hrly.

### OBSERVATIONS

- 1) T.P.R. and B/P - initially every 15 minutes then hourly.
  - 2) Pain and sedation scores and volume infused MUST be checked and recorded hourly.
  - 3) Changes of the infusion bag will be the responsibility of the pain control nurse or the prescribing anaesthetist.
- Infusions must always be clearly labelled.

### PROBLEMS

If respiratory rate < 15/minute or Systolic B/P < 70mmg/hg-  
STOP INFUSION and  
call anaesthetist

Give oxygen and manage airway/breathing etc (i.e. resuscitate)

Give Naloxone 0.01mg/kg I.V.

Prepare to give H<sub>2</sub>O<sub>2</sub> if necessary

055-016-030

## MORPHINE INFUSION

Name ADAM STRAIN Ward MUSGRAVE

Hosp No 364377 Operation ROBERTSON PD CANNULA

DOB 4/18/91 Weight 2 kg Date \_\_\_\_\_

6 Mg Morphine added to 500mls No 12 solution

1.5 Mg Morphine bolus.

Morphine infusion started at 09<sup>30</sup> hrs at 10 mls/hr  
Pump number 9

N.B THIS IS NOT A PRESCRIPTION CHART

[illegible]

Pair Score:

0 = NO Pain

1= Mild Pain

2-10-1948

[illegible]

Section Score:

0- CRYSTAL

CONFIDENTIAL

direct, transable

**UNCLASSIFIED**

055-016-031

# AS - ROYAL