EM & Orthopedics Pain Dose Ketamine Policy

Indication for Ketamine & Rate
Pain - hung to gravity (no pump) and given over 10-15 minutes
Intubation - rapid IV push
Moderate Sedation - IV slow push over 2 minutes
Agitation control - rapid IV/IM push

Pain Dose Ketamine Policy for Atrium Healthcare System:
Adults and Pediatrics (≥ 3 years)

Intravenous (IV)
Dose: 0.1 to 0.3 mg/kg
Infuse dose over at 10 - 15 minutes, in 100mL NS
IV Maximum single dose: 35mg
Subsequent dose may be given every 20 minutes as needed

Intramuscular (IM)
Dose: 0.2 to 0.6 mg/kg
IM Maximum single dose: 50mg
Subsequent dose may be given every 20 minutes as needed

Intranasal (IN)
Dose: 0.5 to 1 mg/kg
IN Maximum single dose: 70mg
Subsequent dose may be given every 20 minutes as needed

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Pain Dose Ketamine Use in Emergency Department Process

Key Points:

- Pain dose ketamine is to be hung to gravity in NS 100ml and run over 10-15 minutes
    - NO pump is required or needed
- You can NOT squeeze the bag to make it go in faster.
    - This is a direct violation of the hospital policy.
    - If any ED attending, ED resident, or ortho resident is witnessed doing this, please stop them and email Kathryn Kopec
- Orthopedic team please let the ED nurses/team know about 15 minutes before you are going to be here for a procedure so we can get the pain dose ketamine ordered, set up and start the administration

- You are allowed to give another pain agent after the ketamine infusion is completed. You are using the ketamine for pain control so any other pain agent (fentanyl, morphine, etc) is just another pain agent. ***It is NOT a conscious sedation.***

- For example, if ortho would like to give 25mcg or 50mcg of fentanyl after the ketamine has completed and they are still working on the reduction, splint, etc. that is allowed and not contraindicated

Thanks & let me know if you have any questions.

Kathy

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