

CICU Opioid Conversion

Fentanyl (mcg/kg/hr) x 0.05 = Morphine ___ mg/kg/hr

Morphine

- Intermittent: 0.05 mg/kg/dose Q1 hr PRN (Max 4 mg/dose)
- Continuous: 0.05 mg/kg/hr (Max 4 mg/hr)
- Bolus: 0.05-0.1 mg/kg Q1 hr PRN (Max 4 mg/dose)
- If SBS is >-1 or patient is receiving >3 non-procedural PRN doses within 4 hrs, increase by 0.01 mg/kg/hr or 0.05 mg/hr Q30 min until goal SBS (Max 0.2 mg/kg/hr)

Morphine (mg/kg/hr) x 0.05 = Hydromorphone ___ mg/kg/hr

Hydromorphone

- Intermittent:
 - <50 kg: 0.01 mg/kg/dose Q1 hr PRN (Max 2 mg/dose)
 - >50 kg: 0.2 mg/dose Q1 hr PRN (Max 2 mg/dose)
- Continuous:
 - <50 kg: 0.005 mg/kg/hr (Max 0.1 mg/kg/hr)
 - If SBS is >-1 or patient is receiving >3 non-procedural PRN doses within 4 hrs, increase drip by 0.001 mg/kg/hr Q30 min until goal SBS (Max 0.1 mg/kg/hr)
 - >50 kg: 0.2 mg/hr (Max 2 mg/hr)
 - If SBS is >-1 or patient is receiving >3 non-procedural PRN doses within 4 hrs, increase by 0.01 mg/hr Q30 min until goal SBS (Max 2 mg/hr)
- Bolus:
 - <50 kg: 0.005 mg/kg/dose Q1 hr PRN (Max 2 mg/dose)
 - >50 kg: 0.2 mg/dose Q1 hr PRN (Max 2 mg/dose)

Fentanyl (mcg/kg/hr) x 0.0025 = Hydromorphone ___ mg/kg/hr