

Professional EMS Education Medication Profiles

Morphine	
Classification	-Narcotic Analgesic
Actions	- Binds with opioid receptors in CNS, decreases anxiety -Vasodilation -Decreased myocardial work demand -Decreased myocardial oxygen demand -Stimulates histamine release -Inhibits sympathetic response -Decreased permeability of cell to Na which diminishes transmission of pain impulses
Indications	-Pain relief -Sedation for therapeutic procedures -Pulmonary edema
Contraindications	-Hypersensitivity -Hypotension -Respiratory depression Acute or severe asthma -Hypovolemia
Side effects	-Respiratory depression -Vasodilation -Bradycardia -Orthostatic hypotension -N / V
Precautions	-Use in patients with addictive personality disorder -Use in patient with respiratory distress
Adult Dose	-2 to 4 mg Repeat as needed titrating to pain and pressure
Pediatric Dose	-0.05 to 0.2 mg / kg
Route	-IV; IO; IM; SQ
How supplied	-10 mg / 2 ml pre filled syringe -10 mg / 1 ml pre filled syringe -5 mg / 10 ml vial -10 mg / 10 ml vial
Onset / Duration	-Rapid; 3 to 5 hours
Half Life	-2-3 hours
Interaction	-ETOH and CNS depressants - May increase CNS / respiratory depression -MOAI's: May produce a severe and sometimes fatal reaction