

SIMULATION # 1 317 PEDIATRICS MEDICATION ADMINISTRATION

Medication	Classification	Intended Therapeutic Effect of Medication	Push Rate, Infusion Rate, Dilution	Safe Dosage Range	Nursing Implications or Considerations (Assessment Needed PRIOR to med admin)
Albuterol Sulfate nebulizer/MDI	Beta agonist	Bronchodilator	2:1 PRN	2.5-5.0mg/kg	Fever, nausea, dry mouth
Ipratropium bromide nebulizer	Anticholinergic	Bronchodilator	QID	100-500mg	Flulike symptoms, cough, throat irritation
Prednisolone tablet	Steroid	Anti-inflammatory	OD	1-2mg/kg	Bradycardia, allergic dermatitis, fluid retention
Ceftriaxone IV	Cephalosporin	Antibacterial	BD	50mg/kg	Eosinophilia, rash, pain, induration at injection site
Methyprednisolone Sodium Succinate	Steroid	Anti-inflammatory	OD	0.5-5mg	Bradycardia, allergic dermatitis, fluid retention
Children's Tylenol Suspension Liquid	NSAID	Antipyretic	QID	50ml	Neasea, vomiting, diarrhea
Furosemide	Loop diuretic	Diuresis	BD	20mg	Anaphylaxis, anemia, hearing impairment.
Morphine Sulfate	Opioid	Pain management	TDS	5-10mg	respiration failure, bradycardia, constipation
Lorazepam	Benzodiazepine	Sedation	PRN upto 2 doses in 24hours.	5mg	Fatigue, amnesia, confusion, depression.
Digoxin	Na-K ATPase inhibitor	Heart failure and atrial fibrillation	IV	8-12 mcg/kg	Diarrhea, cardiac dysthymias, tachycardia
Lisinopril	ACE inhibitor	Heart failure , hypertension	PO	2.5mg	Cough, headache, hypotension
Ciprofloxacin	Fluoroquinolone	Antibiotics	PO	500mg	Give anti-emetics
