

CRITICAL CARE INTRAVENOUS MEDICATIONS CHART

DRUG NAME	ONSET	CONCENTRATION	UNIT OF MEASUREMENT	DRUG CLASS	HOW TO TITRATE
Amiodarone	Non-specific	450mg / 250ml D5W only Can not mix in NS	Continuous Infusion - $\mu\text{g}/\text{min}$ Common dose: 1mg / min for 6 hrs, then 0.5 mg /min infusion	Antiarrhythmic	
Bumex (Bumetanide)	2-3 min	10mg / 100ml NS Can Mix in D5W	IV Bolus Dose - mg/hr Dose: 0.5 – 1 mg slow IV/P over 1-2 min or Continuous Infusion - mg/hour Usual Dose: 1 mg/hr or (MD preference)	Loop Diuretic	Dose ordered per MD based on UOP or PCWP
Cardiazem (Diltiazem)	minutes	100mg / 100 ml Can mix in NS and D5W	Continuous Infusion - mg/hour Dose: 5 – 15 mg/hr Titrate 5 mg/hr increments to desired effect	Ca Channel Blocker	Increase rate 5 mg/hr Q 15 min to desired Heart Rate
Cardene (Nicardipine)	10 min	20mg / 200ml 40mg / 200ml Can mix in NS and D5W	Continuous Infusion - mg/hour Dose: 2.5 – 15 mg / hour Titrate 2.5 mg/hr increments Q 15 min Rotate IV infusion site Q 12 hr if given in periph. IV. If disabled need Central Line	Ca Channel Blocker	Start @ 5 mg/hr then increase rate 2.5 mg Q 15 min, attempt to decrease to 5 mg/hr once BP controlled
Chloracurium (Nimbex)	2-3 min	200mg / 200ml NS Can mix in D5W	Continuous Infusion - $\text{mcg}/\text{kg}/\text{min}$ May give IV loading dose: 0.1 mcg/kg Usual Range: 1 – 10 mcg/kg/min Titrate 2 mcg/kg/min increments	Neuromuscular Blockade (Paralytic)	Titrate to 2 – 4 twitches on Peripheral Nerve Stimulator (TOF) or per MD orders
Corlopam (Fenoldopam)	10 min	20mg/500ml Can mix in NS and D5W	Continuous Infusion - $\text{mcg}/\text{kg}/\text{min}$ Dose: Initial 0.1 mcg/kg/min Avg. rate = 0.25 – 0.5 mcg/kg/min	Vasodilator	Titrate 0.05 – 0.1 mcg/kg/min increments Q15 until target BP
Dexmedetomidine (Precedex)	1 min	200mcg / 50ml Can mix in NS and D5W	Loading dose = 1mcg / kg over 10 minutes Continuous Infusion - $\text{mcg}/\text{kg}/\text{hr}$ Avg rate = 0.2 – 0.7 mcg/kg/hr	Sedative (Alpha2 – Adrenergic Agonist)	Titrate 0.1mcg/kg/hr Q10min Increments to desired level of Sedation (Max dose = 1.5 mcg/kg/hr)
Diprivan (Propofol)	seconds	1000mg / 100 ml vial 500mg / 50 ml vial Pre-Mixed	Continuous Infusion - $\text{mcg}/\text{kg}/\text{min}$ Dose: Usual range = 5-50 mcg/kg/min	Conscious Sedation	Increase 5 mcg/kg/min Q 5 minutes based on sedation (BIS or RASS)
Dobutamine	1-10 min	500mg / 250ml (Standard) Can mix in NS and D5W	Continuous Infusion - $\text{mcg}/\text{kg}/\text{min}$ Dose: 2 – 20 mcg/kg/min	Vasopressor	Increase rate 1 – 4 mcg/kg/hr Q 10 minutes
Dopamine	5 min	400mg / 250ml (Standard) Can mix in NS and D5W	Continuous Infusion - $\text{mcg}/\text{kg}/\text{min}$ Dose: 2 – 20 mcg/kg/min	Vasopressor	Increase rate 1 – 4 mcg/kg/hr Q 10 minutes
Epinephrine	minutes	2mg / 250ml (Standard) Can mix in NS and D5W	Continuous Infusion $\text{mcg}/\text{kg}/\text{minute} = \text{OR} = \text{mg}/\text{min}$ Usual Range: 1 – 10 mcg/min 0.05 – 1 mcg/kg/min	Vasopressor Cardiac Stimulant	Increase 0.01 mcg/kg/min Q 15 minutes, Titrate to effect desired per MD
Brevibloc (Timolol)	2-10 min	2500 mg / 250 ml Pre-Mixed	Continuous Infusion - $\text{mcg}/\text{kg}/\text{min}$ Dose: Usual Range = 50-200 mcg/kg/min	Antiarrhythmic / Beta Blocker	Usual Titration: 50mcg/kg/min increments
Fentanyl	seconds	1mg / 100ml NS (Standard) Can mix in D5W	Continuous Infusion - mcg/hour Usual Range: 50 – 300 mcg/hr Titrate 25 mcg/hr increments	Narcotic Analgesic	Increase rate 25 mcg/hr based on pain control
Furosemide (Lasix)	5 min	100mg / 100 ml or 200 mg / 200 ml Can mix in NS and D5W	IV Bolus Dose - mg Dose: 20 – 40 mg slow IV/P over 1-2 min or Continuous Infusion - mg/hr Usual Dose: 10 – 20 mg/hr or (MD pref.)	Loop Diuretic	Dose ordered per MD based on UOP and/or PCWP

Guide To Icu Drugs Table

Katrin Zwirglmaier



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