

Common ED Medications

Medication	Dose	Route	IVP Time	Dilution/ Administration Notes
Dexamethasone	4 - 10 mg	IV, PO, IM	1 minute	Dilute in 10 mL NS
Metoclopramide (Reglan)	10 mg	IV, PO, IM	N/A	Dilute in 50ml NS, infuse over 15 min
Prochlorperazine (Compazine)	5 - 10 mg	IV, IM, PR	N/A	Dilute in 50ml NS, infuse over 15 min
Furosemide (Lasix)	20 - 80 mg	IV, PO, IM	< 4 mg/min	Slow IVP >4mg/min (ototoxicity)
Metoprolol (Lopressor)	2.5 - 5 mg	IV	2 minutes	IVP undiluted slowly.
Diltiazem (Cardizem)	5 - 20 mg	IV	2 minutes	IVP over 2 minutes.
Ketorolac (Toradol)	15 mg	IV, IM	15 seconds	Incompatible with other IV meds.
Naloxone (Narcan)	0.4 - 2 mg	IV, IM, IN	30 seconds	May need repeat dosing
Droperidol	0.625 - 2.5 mg	IV, IM	2 minutes	EKG if dose > 2.5 mg IV or 5 mg IM



Critical Care Medications

Medication	Common Formulations / Concentrations	Common Dosing (Load/Bolus)	Usual Starting Dose (Infusion)	Common Titration Instructions
Norepinephrine	4 mg/250 mL or 8 mg/250 mL	N/A (Infusion only)	0.05 mcg/kg/min	Titrate by 0.01-0.05 mcg/kg/min every 2-5 minutes to MAP goal.
Epinephrine	1 mg/mL (Bolus); 4 mg/250 mL (Infusion)	1 mg IV push (Cardiac Arrest) or 0.1-0.3 mg (microdose IV push)	0.01- 0.05 mcg/kg/min	Titrate by 0.01-0.05 mcg/kg/min every 2-5 minutes to MAP goal.
Dobutamine	250 mg/250 mL	N/A (Infusion only)	2.5 mcg/kg/min	Titrate by 2.5-5 mcg/kg/min every 10-20 minutes
Phenylephrine	10 mg/250 mL	50 - 200 mcg IV bolus for hypotension	10-40 mcg/min	Titrate by 10-40 mcg/min every 2-5 minutes to MAP goal
Dopamine	400 mg/250 mL	N/A (Infusion only)	5 mcg/kg/min	Titrate by 2-5 mcg/kg/min increments every 5-10 to MAP goal
Amiodarone	50 mg/mL; Must be mixed in D5W **with a filter**	150 mg IV over 10 minutes (w/ pulse); 300 mg IV push (VF/VT)	1 mg/min (for 6 hours)	After 6 hours, drop to 0.5mg/min for maintenance
Adenosine	3 mg/mL (vial)	6 mg rapid IV push, followed by 12 mg rapid IV push X 2 doses	N/A (Bolus only)	Administer rapidly followed by immediate 20 mL NS flush
Vasopressin	20 units/mL; 20 units/50 mL Infusion in D5W/NS	N/A (Infusion only)	0.01 units/min	Titrate by 0.005 units/min every 10-15 minutes. Max dose 0.07 units/min.
Esmolol	100 mg/10 mL or 2500 mg/250 mL	500 mcg/kg IV over 1 minute (Loading)	50 mcg/kg/min	Titrate by 25-50 mcg/kg/min every 4-5 minutes. Max dose 200-300 mcg/kg/min