Code Cart IV Push Medications		
Drug	**Dose**	**Comments**
Adenosine	6 mg initial dose; after 1-2 min 12 mg (May repeat 12 mg dose x1)	Give rapid IV push *(1-3 seconds)* followed by 10- 20 mL saline. Give ½ the dosage if through a central line.
Amiodarone	Pulseless VT/VF: 300 mg IVP may repeat at 150 mg if needed. Stable VT: 150 mg	Pulseless VT/VF: Given rapid IVP without filter needle Stable VT: 150mg diluted in 25-50 mL NS or D5W infused over 10 minutes
Atropine	Start at 0.5 mg IVP Repeat dose to max of 3mg	Observe for reflex tachycardia
Calcium Chloride	1 gm/ 10 mL (1 amp)	Given for known hyperkalemia, hypocalcemia, hypermagnesmia, or toxic effects of calcium channel blockers. May repeat as needed. Vesicant, use extreme caution when administering.
Dextrose (D50)	25 gms (0.5 g/mL) IV push	Use for hypoglycemia, hyperkalemia
Diphenhydramine	50 mg IV push	Administer over 1-2 minutes.
Epinephrine	1 mg (repeated every 3-5 minutes during arrest)	Available in 1:10,000 (1mg in 10 mL abbojet) or 1:1,000 (1 mg/mL 30 cc vials).
Lidocaine	1-1.5 mg/kg. (May repeat dose in 3-5 min) (100mg/5ml)	Typical dose is 100 mg.
Magnesium Sulfate	1-2 gms (1gm/2mL)	Dilute to 10 mL with D5W or NS; administer over 1-2 minutes. Given for known hypomagnesemia and/or Torsade de Pointes.
Methylprednisolone	40mg IV push x 1	May give on 1st cycle with epinephrine and vasopressin
Naloxone (Narcan)	0.4-2 mg every 2-3 min	No longer dilute; use prefilled syringes from code cart
Sodium Bicarbonate	Typical dose is 50 mEq.	Incompatible with epinephrine and other sympathomimetic drugs
Vasopressin	40 units IV push	May substitute one dose of epinephrine with 40 units of vasopressin

Vasoactive/Anti-Arrhythmic Drips

Vasoactive Drips	**Standard Mix**	**Dosage Range**	***Consider central line presence in critical care**
Dobutamine	1000mg/250ml	2.5-20mcg/kg/min	
Dopamine	800mg/250ml	2-20mcg/kg/min	Central line recommended
Epinephrine	4mg/250ml	0.01- 3mcg/kg/min	Central line only
Milrinone (Primacor)	20mg/100ml	0.125-1 mcg/kg/min	
Nicardipine	40mg/200ml	2.5-15 mg/hr	Max dose 15 mg/hr
Nitroglycerin	50mg/250ml	5-300mcg/min	
Nitroprusside (Nipride)	50mg/250ml	0.1-10mcg/kg/min	Protect from light
Norepinephrine (Levophed)	16mg/250ml	0.05-3mcg/kg/min	Central line only
Phenylephrine (Neosynephrine)	100mg/250ml	0.2-5mcg/kg/min	Central line only
Vasopressin	40units/100ml	BP/Shock=0.01-0.04units/min HRS=0.04-0.8 units/min	
Anti-Arrhythmic Agents			
Amiodarone	360mg/200ml	0.5-1mg/min	1mg/min for next 6 hrs then 0.5; mg/min for next 18 hour; may reload with 150 mg over 10 minutes PRN to maximum 24 hour dose of 2.2 G. **Use a filter extension tubing set for peripheral infusions.**
Diltiazem (Cardizem)	125mg/125ml	5-20mg/hr	Load 0.25mg/kg over 2 mins; (may rebolus 0.35mg/kg)
Esmolol (Brevibloc)	2000mg/200ml	50-300mcg/kg/min	Load 500mcg/kg over 1 min
Isoproterenol (Isuprel)	1000mcg/250ml	2-20mcg/min	
Lidocaine	2000mg/500ml	1-4mg/min	Load 1-1.5mg/kg over 2-3mins
Procainamide	2000mg/500ml	1-6mg/min	Bolus of 17mg/kg over 30 min; Max bolus dose 50mg/min. Monitor napa & procainamide levels