# *LHS Standard Medication* Infusion Concentrations 2007

| Medication | Standard Mixture Ratios | Concentration/Dose | Notes |
|---|---|---|---|
| Amiodarone | 150mg/50mL D5W<br>450mg/250mL D5W | ***Code 99:***<br>300mg Bolus, then 150mg Bolus prn<br>33.3mL/hr x 6 hr<br>then 16.7mL/hr x 18hr | ***Non Code99***<br>150mg/50mL D5W<br>over 10min then 33.3mL/hr x 6hr then<br>16.7mL/hr x 18hr |
| Diltiazem | 125mg/125mL D5W | 1mg/mL | (bolus may be drawn from bag) |
| Dobutamine | 500mg/250mL | 2000mcg/mL | 2-20 mcg/kg/min |
| Dopamine | 800mg/250mL D5W | 3200mcg/mL | 2-50 mcg/kg/min |
| Epinephrine | 10mg/250mL D5W | 40mcg/mL | 1-10 mcg/min |
| Eptifibitide | 75mg/100mL | 0.75mg/mL bolus: 2 mcg/kg (10 min between if dbl bolus) | Weight x 0.16= mL/hr for a 2mcg/kg/min dose. (1/2 this rate for Creatinine clearance < 50) |
| Esmolol | 2500mg/250mL | 10mg/mL | 50-200 mcg/kg/min |
| Furosemide | 500mg/100mL | 5mg/mL | |
| Heparin | 25000 units/500mL D5W | 50units/mL | 4 protocols available |
| Insulin | 100units/100mL | 1 unit/mL | |
| Labetolol | 200mg/200mL NS | 1mg/mL | 2mg/min |
| Lidocaine | 2gm/250mL D5W | 8mg/mL | 1-3 mg/min |
| Milrinone | 20mg/ 100mL D5W | 200mcg/mL | 0.5-0.75 mcg/kg/min |
| Nitroglycerin | 50mg/250mL D5W glass | 200mcg/mL | |
| Nitroprusside | 50mg/250mL D5W | 200mcg/mL | Initial: 0.25-0.3 mcg/kg/min |
| Norepinephrine | 4mg/250mL D5W | 16mcg/mL | 0.5-30 mcg/min |
| Octreotide | 500mcg/250mL D5W | 2mcg/mL | Usual: 50mcg/hr after 50mcg x1 (Bolus can be drawn from bag) |
| Phenylephrine | 50mg/250mL D5W | 200mcg/mL | Initial: 100-180 mcg/min |
| Theophylline | 800mg/500mL | 1.6mg/mL | Equal to 2mg/mL aminophylline |
| Vasopressin | 40units/250mL D5W | 0.16units/mL | 0.01-0.04 units/min |
| Verapamil | 50mg/250mL D5W | 0.2mg/mL | |

| C= compatible I = incompatible<br>X=NO blank=unknown | Abciximab | Amiodarone | Bivalirudin | Diltiazem | Dobutamine | Dopamine | Epinephrine | Eptifibatide | Furosemide | Heparin | Nitroglycerin | Nitroprusside | Norepinephrine | Phenylephrine | Rocuronium | Succinylcholine |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Abciximab ( REOPRO ) | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Amiodarone ( CORDARONE ) | X | | I | | C | C | C | C | C | I | C | C | C | C | | |
| Bivalirudin ( ANGIOMAX ) | X | I | | | | | | | | | | | | | | |
| Diltiazem( CARDIZEM ) | X | | | | C | C | C | | I | I | | C | C | | | |
| Dobutamine( DOBUTREX ) | X | | | C | | C | C | | I | I | C | C | C | C | | C |
| Dopamine( INTROPIN ) | X | C | | C | C | | C | | I | C | C | C | C | C | | C |
| Epinephrine | X | C | | C | C | C | | | C | C | C | C | C | C | | C |
| Eptifibatide ( INTEGRELIN ) | X | C | | | C | | | | | C | C | | | | | |
| Furosemide ( LASIX ) | X | C | | I | I | I | C | | | C | C | C | I | C | | C |
| Heparin | X | I | | I | I | C | C | | C | | C | C | C | C | | C |
| Nitroglycerin | X | | | | C | C | C | | C | C | | C | C | C | | C |
| Nitroprusside ( NIPRIDE ) | X | C | | C | C | C | C | | C | C | C | | C | C | | C |
| Norepinephrine( LEVOPHED ) | X | C | | C | C | C | C | | I | C | C | C | | C | | C |
| Phenylephrine( NEO-SYNEPHRINE | X | C | | | C | C | C | | C | C | C | C | C | | | C |
| Rocuronium ( ZEMURON ) | X | | | | | | | | | | | | | | | |
| Succinylcholine ( ANECTINE ) | X | | | | C | C | C | | C | C | C | C | C | C | | |