**BD Alaris**TM **Guardrails**TM **Editor**



Data Set Report

RELEASED

**UConn 2-8-2023**

# Current Data Set Status

|  |  |
| --- | --- |
|  |  |
| **Data Set Name** | UConn 2-8-2023 |
| **Hospital Name** | UCONN |
| **Data Set ID** | 02b76246a-R |
| **Data Set Status** | Released |
| **Last Changed On** | 2/8/2023 09:15 |
| **Filename** | C:\Users\cavero\Documents\Guardrails Editor\02b76246a-R.gre |
|  |  |

# Drug Library by Profile

## Adult Critical Care

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - Adult Critical Care** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **abciximab**  9 mg / 250 mL (0.036 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.05 | 0.13 |  | 0.125 |  |  |  |  |  |  |  |  | Filter |
| **alprostadil**  500 mcg / 500 mL (1 mcg / mL) | X |  | N/A | **Continuous**  nanogram/kg/min | 2 | 10 |  |  |  |  |  |  |  |  |  |  |  |
| **alteplase[PAO/PE-CI]**  13 mg / 125 mL (0.104 mg / mL)  15 mg / 500 mL (0.03 mg / mL)  25 mg / 250 mL (0.1 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/h | 0.2 | 1.2 |  | 1 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **aminocaproic acid**  5 gram / 250 mL (0.02 gram / mL)  20 gram / 1,000 mL (0.02 gram / mL) | X  X |  | N/A | **Continuous**  gram/h | 1 | 5 |  |  |  |  |  |  |  |  |  |  | Monitor Vitals |
| **aminocaproic[bypass]**  20 gram / 1,000 mL (0.02 gram / mL) | X |  | N/A | **Continuous**  gram/h | 0.5 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |
| **amiodarone**  360 mg / 200 mL (1.8 mg / mL)  450 mg / 250 mL (1.8 mg / mL)  900 mg / 500 mL (1.8 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/min | 0.13 | 1.2 | 2 | 1 |  |  |  |  |  |  |  |  | Filter |
| **angiotensin II**  2.5 mg / 250 mL (0.01 mg / mL)  --- mg / --- mL | X  X |  | YES | **Continuous**  nanogram/kg/min | 1.25 | 80 | 80.1 |  |  |  |  |  |  |  |  |  |  |
| **argatroban**  250 mg / 250 mL (1 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.1 | 3 | 10 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **bivalirudin**  250 mg / 100 mL (2.5 mg / mL) | X |  | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.2 | 1.76 | 1.77 | 1.75 | 0.74 | 1 |  | 0.75 | 0.74 | 1 |  | 0.75 |  |
| **bumetanide**  2.5 mg / 100 mL (0.025 mg / mL)  5 mg / 100 mL (0.05 mg / mL)  --- mg / --- mL | X  X  X |  | YES | **Continuous**  mg/h | 0.25 | 2 | 5 |  |  |  |  |  |  |  |  |  | Protect from Light |
| **calcium gluc [CI]**  10 gram / 500 mL (0.02 gram / mL) | X |  | N/A | **Continuous**  mg/kg/h | 4 | 61 |  |  |  |  |  |  |  |  |  |  |  |
| **Cangrelor**  50 mg / 250 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 2 | 4 |  | 4 | 15 | 30 |  | 30 | 0.5 | 1 |  | 1 | Filter |
| **cisATRAcurium**  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.5 | 5 | 10 |  |  |  |  |  |  |  |  |  |  |
| **clevidipine**  25 mg / 50 mL (0.5 mg / mL)  50 mg / 100 mL (0.5 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 0.5 | 21 | 32 | 1 |  |  |  |  |  |  |  |  | Dedicated IV Line |
| **deferoxamine [CI]**  0.5 gram / 500 mL (0.001 gram / mL)  1 gram / 500 mL (0.002 gram / mL)  1.5 gram / 500 mL (0.003 gram / mL)  2 gram / 500 mL (0.004 gram / mL)  2.5 gram / 500 mL (0.005 gram / mL)  3 gram / 500 mL (0.006 gram / mL) | X  X  X  X  X  X |  | N/A | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [SC]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **dexmedetomidine**  200 mcg / 50 mL (4 mcg / mL)  400 mcg / 100 mL (4 mcg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/h  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.1 | 1.2 | 1.5 | 0.2 | 0.4 | 1.1 | 3 | 1 | 0.04 | 0.11 | 0.3 | 0.1 |  |
| **diltiaZEM**  125 mg / 125 mL (1 mg / mL) | X |  | N/A | **Continuous**  mg/h  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 2.5 | 15 | 20 | 5 | 9 | 42 |  |  | 4.5 | 21 |  |  |  |
| **DOBUTamine**  ***ECHO***  250 mg / 250 mL (1 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 1 | 30 | 51 |  |  |  |  |  |  |  |  |  | LASA |
| **DOBUTamine**  ***UT1 - ICU***  250 mg / 250 mL (1 mg / mL)  500 mg / 250 mL (2 mg / mL)  1,000 mg / 250 mL (4 mg / mL) | X  X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 20 | 40 |  |  |  |  |  |  |  |  |  | LASA |
| **DOBUTamine**  ***UT2 - INT***  250 mg / 250 mL (1 mg / mL)  500 mg / 250 mL (2 mg / mL)  1,000 mg / 250 mL (4 mg / mL) | X  X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 10 | 11 |  |  |  |  |  |  |  |  |  | LASA |
| **DOPamine**  ***UT1 - ICU***  400 mg / 250 mL (1.6 mg / mL)  400 mg / 500 mL (0.8 mg / mL)  800 mg / 250 mL (3.2 mg / mL)  800 mg / 500 mL (1.6 mg / mL) | X  X  X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 30 | 50 |  |  |  |  |  |  |  |  |  | LASA |
| **DOPamine**  ***UT2 - INT***  400 mg / 250 mL (1.6 mg / mL)  400 mg / 500 mL (0.8 mg / mL)  800 mg / 250 mL (3.2 mg / mL)  800 mg / 500 mL (1.6 mg / mL) | X  X  X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 5 | 10 |  |  |  |  |  |  |  |  |  | LASA |
| **EPINEPHrine**  4 mg / 250 mL (0.016 mg / mL)  8 mg / 250 mL (0.032 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.01 | 0.6 |  | 0.02 |  |  |  |  |  |  |  |  |  |
| **epoprostenol**  --- mg / --- mL | X |  | YES | **Continuous**  nanogram/kg/min | 2 | 150 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **eptifibatide**  75 mg / 100 mL (0.75 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.5 | 2 | 2.1 |  |  |  |  |  |  |  |  |  |  |
| **esmolol**  2,500 mg / 250 mL (10 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 25 | 200 |  | 25 | 250 | 501 | 1,000 |  | 250 | 1,000 |  |  |  |
| **factor VIIa NovoSeve**  --- mcg / --- mL | X |  | YES | **Continuous**  mcg/h | 400 | 3,000 |  |  |  |  |  |  |  |  |  |  |  |
| **factor VIII (8)**  10 unit / 1 mL (10 unit / mL)  20 unit / 1 mL (20 unit / mL)  --- unit / --- mL | X  X  X |  | YES | **Continuous**  unit/h | 10 | 800 | 1,000 |  |  |  |  |  |  |  |  |  |  |
| **fentaNYL**  2,500 mcg / 250 mL (10 mcg / mL) | X |  | N/A | **Continuous**  mcg/h | 10 | 200 | 750 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **flumazenil**  2.5 mg / 250 mL (0.01 mg / mL) | X |  | N/A | **Continuous**  mg/h | 0.1 | 0.8 |  |  |  |  |  |  |  |  |  |  |  |
| **furosemide**  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL)  500 mg / 100 mL (5 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/h | 1 | 60 |  |  |  |  |  |  |  |  |  |  | Protect from Light |
| **glucagon**  5 mg / 100 mL (0.05 mg / mL) | X |  | N/A | **Continuous**  mg/h | 1 | 5 | 10 |  |  |  |  |  |  |  |  |  |  |
| **haloperidol [CI]**  100 mg / 100 mL (1 mg / mL) | X |  | N/A | **Continuous**  mg/h | 1 | 20 | 30 |  |  |  |  |  |  |  |  |  |  |
| **heparin**  ***\*\*\*High Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 35 |  | 18 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*\*Low Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 12 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*Stroke***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 10 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***CVVH***  10,000 unit / 1,000 mL (10 unit / mL) | X |  | N/A | **Continuous**  unit/h | 500 | 1,500 |  | 1,000 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***Non-Weight Based***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/h | 200 | 3,000 |  | 500 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **hydrALAZINE [CI]**  100 mg / 500 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.5 | 5 |  | 1 |  |  |  |  |  |  |  |  |  |
| **HYDROmorpho 0.2mg/mL**  20 mg / 100 mL (0.2 mg / mL)  50 mg / 250 mL (0.2 mg / mL)  100 mg / 500 mL (0.2 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/h | 0.1 | 5 | 10 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **HYDROmorphone 1mg/mL**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 0.5 | 10 | 30 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **insulin**  100 unit / 100 mL (1 unit / mL) | X |  | N/A | **Continuous**  unit/h | 0.2 | 15 | 30 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **isoproterenol**  1 mg / 250 mL (0.004 mg / mL) | X |  | N/A | **Continuous**  mcg/min | 0.5 | 10 | 30 |  |  |  |  |  |  |  |  |  |  |
| **ketamine**  ***Pain [Sickle/Adjunct***  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/kg/h | 0.05 | 0.2 | 0.3 | 0.05 |  |  |  |  |  |  |  |  |  |
| **ketamine**  ***Sedation UT1-ICU***  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL)  250 mg / 250 mL (1 mg / mL)  500 mg / 250 mL (2 mg / mL)  --- mg / --- mL | X  X  X  X  X |  | YES | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.05 | 2.5 | 4.5 |  | 0.1 | 0.5 |  |  | 0.05 | 0.25 |  |  |  |
| **labetalol**  1,000 mg / 500 mL (2 mg / mL) | X |  | N/A | **Continuous**  mg/min  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 0.25 | 2 | 5 |  | 4 | 41 |  |  | 2 | 21 |  |  |  |
| **lidocaine**  2,000 mg / 500 mL (4 mg / mL) | X |  | N/A | **Continuous**  mg/min | 1 | 4 |  |  |  |  |  |  |  |  |  |  |  |
| **LORazepam**  100 mg / 100 mL (1 mg / mL) | X |  | N/A | **Continuous**  mg/h | 0.5 | 30 | 41 |  |  |  |  |  |  |  |  |  | Filter |
| **methylPRED[spin cord**  --- mg / --- mL | X |  | YES | **Continuous**  mg/kg/h | 5 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |
| **midazolam**  50 mg / 50 mL (1 mg / mL)  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL)  500 mg / 500 mL (1 mg / mL) | X  X  X  X |  | N/A | **Continuous**  mg/h | 0.25 | 10 | 20 |  |  |  |  |  |  |  |  |  |  |
| **milrinone**  40 mg / 200 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.2 | 0.75 | 0.76 | 0.2 | 49 | 51 |  | 50 | 4.9 | 5.1 |  | 5 |  |
| **morphine [1mg/mL]**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 0.5 | 25 | 50 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **morphine [5mg/mL]**  500 mg / 100 mL (5 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2.5 | 50 | 150 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **naloxone**  4 mg / 250 mL (0.016 mg / mL) | X |  | N/A | **Continuous**  mg/h | 0.05 | 6.25 | 8 |  |  |  |  |  |  |  |  |  |  |
| **naloxone**  0.5 mg / 250 mL (0.002 mg / mL)  4 mg / 250 mL (0.016 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/h | 0.24 | 2.5 |  |  |  |  |  |  |  |  |  |  |  |
| **niCARdipine**  20 mg / 200 mL (0.1 mg / mL)  50 mg / 500 mL (0.1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 2.5 | 15 | 20 | 2.5 |  |  |  |  |  |  |  |  |  |
| **nitroglycerin**  50 mg / 250 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/min | 5 | 200 |  | 10 |  |  |  |  |  |  |  |  |  |
| **nitroprusside**  50 mg / 250 mL (0.2 mg / mL)  100 mg / 250 mL (0.4 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.3 | 5 | 10 | 0.3 |  |  |  |  |  |  |  |  |  |
| **norepinephrine**  4 mg / 250 mL (0.016 mg / mL)  16 mg / 250 mL (0.064 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.01 | 0.6 |  | 0.03 |  |  |  |  |  |  |  |  |  |
| **octreotide**  500 mcg / 100 mL (5 mcg / mL)  1,250 mcg / 250 mL (5 mcg / mL) | X  X |  | N/A | **Continuous**  mcg/h | 12.5 | 100 |  | 25 |  |  |  |  |  |  |  |  |  |
| **pantoprazole**  80 mg / 250 mL (0.32 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2 | 10 |  | 8 |  |  |  |  |  |  |  |  |  |
| **PENTobarbital [CI]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/kg/h | 0.5 | 3 |  |  |  |  |  |  |  |  |  |  | LASA |
| **PHENYLephrine**  10 mg / 250 mL (0.04 mg / mL)  40 mg / 250 mL (0.16 mg / mL) | X  X |  | N/A | **Continuous**  mcg/min | 9 | 180 |  | 10 |  |  |  |  |  |  |  |  |  |
| **procainamide [CI]**  2,000 mg / 500 mL (4 mg / mL) | X |  | N/A | **Continuous**  mg/min  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 0.5 | 6.5 | 20 |  | 99 | 101 |  |  | 49.5 | 50.5 |  | 50 |  |
| **propofol**  500 mg / 50 mL (10 mg / mL)  1,000 mg / 100 mL (10 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 2.5 | 80 | 125 | 10 | 9 | 21 |  |  | 1.8 | 6.7 |  |  |  |
| **protamine [CVVH]**  250 mg / 250 mL (1 mg / mL) | X |  | N/A | **Continuous**  mg/h | 5 | 15 |  | 10 |  |  |  |  |  |  |  |  |  |
| **rocuronium**  500 mg / 100 mL (5 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 5 | 10 | 16 | 5 |  |  |  |  |  |  |  |  |  |
| **tirofiban**  12.5 mg / 250 mL (0.05 mg / mL) | X |  | N/A | **Continuous**  mg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/min | 0.074 | 0.075 | 0.15 |  | 24 | 26 | 27 | 25 | 4 | 6 | 7 | 5 |  |
| **treprostinil**  --- mcg / --- mL | X |  | YES | **Continuous**  nanogram/kg/min | 1 | 50 | 500 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **vasopressin**  40 unit / 100 mL (0.4 unit / mL)  60 unit / 60 mL (1 unit / mL)  --- unit / --- mL | X  X  X |  | YES | **Continuous**  unit/min | 0.01 | 0.04 | 0.1 | 0.04 |  |  |  |  |  |  |  |  |  |
| **vasopressin [E-Bleed**  200 unit / 500 mL (0.4 unit / mL) | X |  | N/A | **Continuous**  unit/min | 0.1 | 0.4 | 1 |  |  |  |  |  |  |  |  |  |  |
| **vecuronium**  100 mg / 100 mL (1 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.5 | 1.2 | 2 |  |  |  |  |  |  |  |  |  |  |
| **verapamil**  100 mg / 250 mL (0.4 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2 | 10 |  |  |  |  |  |  |  |  |  |  |  |
| **zidovudine [Bolus+CI**  400 mg / 100 mL (4 mg / mL) | X |  | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.9 | 1 | 1.1 | 1 | 1.9 | 2 | 2.1 | 2 | 0.03 | 0.034 | 0.035 | 0.033 |  |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Adult Critical Care** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **angiotensin II**  WeightBased | X |  | nanogram/mL\* | 5,000 |  | 10,000 |
| **bumetanide**  NonWeightBased | X |  | mg/mL | 0.01 |  | 0.26 |
| **deferoxamine [SC]**  NonWeightBased | X |  | mg/mL | 190 |  | 200 |
| **epoprostenol**  WeightBased | X |  | nanogram/mL\* | 2,999 | 3,000 | 30,000 |
| **factor VIIa NovoSeve**  NonWeightBased | X |  | mcg/mL | 800 |  | 1,000 |
| **factor VIII (8)**  NonWeightBased | X |  | unit/mL | 8 | 10 | 11 |
| **ketamine**  ***Sedation UT1-ICU***  WeightBased | X |  | mg/mL | 0.9 |  | 2.5 |
| **methylPRED[spin cord**  WeightBased | X |  | mg/mL | 8 | 10 | 35 |
| **PENTobarbital [CI]**  WeightBased | X |  | mg/mL | 4 |  | 8 |
| **treprostinil**  WeightBased | X |  | nanogram/mL\* | 10,000 |  | 99,999 |
| **vasopressin**  NonWeightBased | X |  | unit/mL | 0.4 |  | 1 |

\* Units Only concentration and Dosing Units have different units of measure.

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - Adult Critical Care** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **acetaminophen** | X | X | mg | 500 | 1,000 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 00:12 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:12 | 00:30 | 00:15 | No |  |  |  |
| **acetylcysteine**  ***\*Renal Protection*** | X | X | mg | 600 | 1,200 |  | --- mg / --- mL | X |  | 00:05 | 00:09 | 00:30 | 00:10 | No |  |  |  |  |
| **acetylcysteine**  ***Loading Dose*** | X | X | mg/kg | 149 | 150 | 151 | --- mg / --- mL | X |  |  | 00:52 | 01:15 | 01:00 | No |  |  |  |  |
| **acetylcysteine**  ***Second Dose*** | X | X | mg/kg | 49 | 50 |  | --- mg / --- mL | X |  |  | 03:30 | 04:15 | 04:00 | No |  |  |  |  |
| **acetylcysteine**  ***Third Dose*** | X | X | mg/kg | 99 | 100 |  | --- mg / --- mL | X |  | 12:00 | 14:00 | 16:30 | 16:00 | No |  |  |  |  |
| **acyclovir** | X | X | mg | 125 | 1,300 |  | --- mg / --- mL | X |  | 00:50 | 00:53 | 01:30 | 01:00 | mg/mL |  | 2.5 | 7 |  |
| **albumin 25% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 100 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |
| **albumin 5% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 250 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 500 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |
| **allopurinol** | X | X | mg | 100 | 400 | 800 | --- mg / --- mL | X |  |  | 00:26 | 00:45 | 00:30 | mg/mL |  | 1 | 6 |  |
| **alteplase**  ***\*\*Stroke*** | X | X | mg | 30 | 81 | 82 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **alteplase**  ***\*Pulmonary Embolism*** | X | X | mg | 95 | 100 | 105 | 100 mg / 100 mL (1 mg / mL) | X |  | 01:50 | 01:55 | 02:05 | 02:00 | n/a |  |  |  | Double Check by 2 RN |
| **alteplase**  ***MI [Start 30 min]*** | X | X | mg | 20 | 50 | 51 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:35 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **alteplase**  ***MI [Then 60 min]*** | X | X | mg | 10 | 35 | 36 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **amikacin** | X | X | mg | 125 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **aminocaproic [load]** | X | X | gram | 2.5 | 5 | 10 | 5 gram / 250 mL (0.02 gram / mL) | X |  | 00:55 | 00:57 | 05:00 | 01:00 | n/a |  |  |  |  |
| **amiodarone [bolus]** | X | X | mg | 149 | 150 |  | 150 mg / 100 mL (1.5 mg / mL) | X |  | 00:08 | 00:09 | 00:30 | 00:10 | n/a |  |  |  | Filter |
| **ampho B (LIPID)** | X | X | mg | 80 | 750 |  | --- mg / --- mL | X |  | 01:55 | 01:56 | 03:00 | 02:00 | No |  |  |  | LASA |
| **amphotericin B** | X | X | mg | 10 | 100 | 150 | --- mg / --- mL | X |  | 01:48 | 01:50 | 06:00 | 03:00 | mg/mL |  | 0.01 | 0.25 | LASA |
| **ampicillin** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **ampicillin/sulbact** | X | X | gram | 1.5 | 3 |  | 1.5 gram / 100 mL (0.015 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **antithrombin III** | X | X | unit | 1,000 | 10,000 |  | --- unit / --- mL | X |  | 00:08 | 00:09 | 01:00 | 00:10 | No |  |  |  |  |
| **ascorbic acid** | X | X | mg | 100 | 1,600 |  | 1,500 mg / 250 mL (6 mg / mL) | X |  | 00:45 | 00:50 | 01:30 | 01:00 | n/a |  |  |  |  |
| **azaTHIOprine** | X | X | mg | 40 | 500 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  | Hazardous Drug |
| **azithromycin** | X | X | mg | 250 | 500 |  | 250 mg / 250 mL (1 mg / mL) | X |  | 02:54 |  | 03:30 | 03:00 | n/a |  |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |
| **aztreonam** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **bactrim [SMX/TMP]** | X | X | mg | 40 | 480 |  | --- mg / --- mL | X |  |  | 01:00 | 02:00 |  | No |  |  |  |  |
| **bamlanivimab/etesevi** | X | X | mg | 2,099 | 2,101 | 2,102 | 2,100 mg / 310 mL (6.7742 mg / mL) | X |  | 00:55 | 00:58 | 24:00 |  | n/a |  |  |  | 0.22 micron filter |
| **bumetanide [IVPB]** | X | X | mg | 2 | 10 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 0.04 | 0.2 |  |
| **caffeine/sod benzoa** | X | X | mg | 30 | 500 |  | 500 mg / 1,000 mL (0.5 mg / mL) | X |  |  | 00:55 | 11:05 | 01:00 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:02 | 01:00 | 00:30 | mg/mL |  | 0.12 | 0.6 |
| **calcium gluconate** | X | X | gram | 0.5 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  | 00:25 | 00:27 | 01:30 | 00:30 | n/a |  |  |  |  |
| **casirivimab/imdevima** | X | X | mg | 1,199 | 1,201 | 1,202 | 1,200 mg / 260 mL (4.6154 mg / mL) | X |  | 00:55 | 00:58 | 03:00 | 01:00 | n/a |  |  |  | 0.22 micron filter |
| **caspoFUNGIN** | X | X | mg | 35 | 70 | 71 | 35 mg / 250 mL (0.14 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 50 mg / 250 mL (0.2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 70 mg / 250 mL (0.28 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:53 | 00:54 | 02:00 | 01:00 | No |  |  |  |
| **ceFAZolin** | X | X | gram | 0.5 | 3 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 1.5 gram / 50 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cefepime** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **cefiderocol** | X | X | mg | 750 | 2,000 | 2,001 | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |  |
| 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| **cefotaxime** | X | X | mg | 499 | 2,000 |  | 500 mg / 50 mL (10 mg / mL) | X |  |  | 00:14 | 00:25 | 00:20 | n/a |  |  |  |  |
| 1,000 mg / 50 mL (20 mg / mL) | X |  |  | 00:14 | 00:25 | 00:20 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 00:25 | 00:35 | 00:30 | n/a |  |  |  |
| **cefOXitin** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **ceftaroline** | X | X | mg | 200 | 600 | 601 | 200 mg / 50 mL (4 mg / mL) | X |  |  | 00:05 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:05 | 01:30 | 01:00 | n/a |  |  |  |
| 400 mg / 50 mL (8 mg / mL) | X |  |  | 00:05 | 01:30 | 01:00 | n/a |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:05 | 01:30 | 01:00 | n/a |  |  |  |
| **cefTAZidime** | X | X | gram | 0.5 | 2 |  | 0.5 gram / 50 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **CefTAZidime/Avibacta** | X | X | gram | 0.94 | 2.5 | 2.6 | 0.94 gram / 50 mL (0.0188 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  | LASA |
| 1.25 gram / 100 mL (0.0125 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| 2.5 gram / 100 mL (0.025 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 01:50 | 02:10 | 02:00 | gram/mL | 0.008 | 0.04 | 0.41 |
| **ceftolazane/tazobact** | X | X | mg | 375 | 1,500 |  | 150 mg / 100 mL (1.5 mg / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |  |
| 375 mg / 100 mL (3.75 mg / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |
| 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |
| **cefTRIAXone** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **cefuroxime** | X | X | mg | 750 | 1,500 |  | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **chlorothiazide** | X | X | mg | 500 | 1,000 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 00:30 | 00:15 | mg/mL |  | 10 | 20 | Extravasation |
| **chlorproMAZINE** | X | X | mg | 12.5 | 50 |  | 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |
| 50 mg / 50 mL (1 mg / mL) | X |  | 00:12 | 00:45 | 01:00 | 00:50 | n/a |  |  |  |
| **ciprofloxacin** | X | X | mg | 200 | 400 |  | 200 mg / 100 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |
| **clindamycin** | X | X | mg | 150 | 900 |  | 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 900 mg / 50 mL (18 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **colistimethate** | X | X | mg | 50 | 500 |  | --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 1 | 10 |  |
| **conivaptan[load]** | X | X | mg | 10 | 20 |  | 20 mg / 100 mL (0.2 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| **copper** | X | X | mg | 0.2 | 4 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 04:10 | 03:00 | No |  |  |  |  |
| **cycloSPORINE** | X | X | mg | 40 | 750 |  | --- mg / --- mL | X |  | 01:00 | 01:40 | 06:00 | 02:00 | mg/mL |  | 1 | 2 | Hazardous Drug |
| **dalbavancin** | X | X | mg | 374 |  | 1,501 | 375 mg / 100 mL (3.75 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,000 mg / 250 mL (4 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,125 mg / 250 mL (4.5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,500 mg / 500 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| **dantrolene** | X | X | mg | 20 | 250 | 400 | --- mg / --- mL | X |  | 00:05 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **DAPTOmycin** | X | X | mg | 100 | 1,200 | 2,000 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | No |  |  |  |  |
| **delafloxacin** | X | X | mg | 200 | 300 | 301 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **desmopressin** | X | X | mcg | 1 | 40 |  | --- mcg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **dexamethasone** | X | X | mg | 12 | 20 |  | --- mg / --- mL | X |  |  | 00:09 | 00:20 | 00:10 | mg/mL |  | 0.24 | 0.4 |  |
| **dexmetomidine [bolus** | X | X | mcg/kg | 0.9 |  | 1.1 | 200 mcg / 50 mL (4 mcg / mL) | X |  | 00:05 | 00:07 | 00:20 | 00:10 | n/a |  |  |  |  |
| **digoxin** | X | X | mg | 0.25 | 0.5 |  | --- mg / --- mL | X |  |  | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **digoxin immune fab** | X | X | mg | 40 | 400 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **dihydroergotamine** | X | X | mg | 0.5 | 1 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 1 | 2 |  |
| **diphenhydrAMINE** | X | X | mg | 12.5 | 50 |  | --- mg / --- mL | X |  |  | 00:15 | 00:20 | 00:15 | mg/mL |  | 0.5 | 1 |  |
| **doxyCYCLINE** | X | X | mg | 100 | 200 | 201 | 100 mg / 250 mL (0.4 mg / mL) | X |  | 01:45 | 01:50 | 03:00 | 02:00 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  | 01:45 | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| **enalaprilat** | X | X | mg | 0.625 | 5 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **eravacycline** | X | X | mg/kg | 0.8 | 1 | 1.2 | --- mg / --- mL | X |  |  | 00:58 | 01:30 | 01:00 | mg/mL | 0.18 | 0.2 | 0.6 |  |
| **ertapenem** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| **erythromycin** | X | X | mg | 125 | 500 | 501 | 125 mg / 100 mL (1.25 mg / mL) | X |  | 00:54 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  | 00:54 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  | 00:54 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |
| **estrogen-uremic** | X | X | mg | 10 | 60 | 70 | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **estrogen-uterine** | X | X | mg | 25 | 26 |  | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **ethacrynic acid** | X | X | mg | 25 | 100 | 101 | --- mg / --- mL | X |  | 00:10 | 00:14 | 00:20 | 00:15 | No |  |  |  |  |
| **factor IX** | X | X | unit | 400 | 9,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIIa Novo[II]** | X | X | mcg | 400 | 9,999 |  | --- mcg / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Heli** | X | X | unit | 400 | 5,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Huma** | X | X | unit | 400 | 8,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **famotidine** | X | X | mg | 40 | 41 |  | 40 mg / 50 mL (0.8 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **feiba autoplex** | X | X | unit | 400 | 9,999 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **filgrastim** | X | X | mcg | 300 | 480 |  | --- mcg / --- mL | X |  |  | 00:14 | 00:20 | 00:15 | No |  |  |  |  |
| **fluconazole** | X | X | mg | 50 | 600 | 800 | 100 mg / 50 mL (2 mg / mL) | X |  | 00:53 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  | 00:53 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 01:40 | 01:55 | 03:00 | 02:00 | n/a |  |  |  |
| **folic acid** | X | X | mg | 0.1 | 1 |  | --- mg / --- mL | X |  |  | 00:15 | 00:30 |  | No |  |  |  |  |
| **fomepizole**  ***Loading Dose*** | X | X | mg/kg | 14.9 | 15 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **fomepizole**  ***Maintenance Dose*** | X | X | mg/kg | 9.9 | 10 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **fomepizole**  ***Second Dose*** | X | X | mg/kg | 14.9 | 15 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **foscarnet**  ***Central*** | X | X | mg | 2,400 | 9,999 |  | --- mg / --- mL | X |  | 00:52 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **foscarnet**  ***Peripheral*** | X | X | mg | 2,400 | 9,999 |  | --- mg / --- mL | X |  | 00:52 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **fosphenytoin**  ***Loading Dose*** | X | X | mg | 600 | 2,000 | 3,000 | --- mg / --- mL | X |  | 00:09 | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 25 | PE |
| **fosphenytoin**  ***Maintenance Dose*** | X | X | mg | 80 | 500 |  | --- mg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | mg/mL |  | 10 | 25 | PE |
| **furosemide[II]** | X | X | mg | 100 | 300 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 2 | 6 |  |
| **ganciclovir** | X | X | mg | 150 | 750 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 01:30 | 01:00 | mg/mL |  | 1 | 10 | Hazardous Drug |
| **gentamicin** | X | X | mg | 40 | 800 | 801 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | mg/mL |  | 0.8 | 16 |  |
| **glycopyrrolate** | X | X | mg | 0.1 | 0.2 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | mg/mL |  | 0.2 | 0.4 |  |
| **granisetron** | X | X | mg | 0.5 | 1 |  | 1 mg / 50 mL (0.02 mg / mL) | X |  |  | 00:09 | 00:30 | 00:10 | n/a |  |  |  |  |
| **hydrALAZINE** | X | X | mg | 1 | 20 |  | --- mg / --- mL | X |  |  | 00:10 | 00:25 | 00:15 | No |  |  |  |  |
| **hydroxocobalamin** | X | X | gram | 4 | 5 | 6 | 5 gram / 200 mL (0.025 gram / mL) | X |  | 00:09 | 00:10 | 00:25 | 00:15 | n/a |  |  |  |  |
| **ibutilide**  ***Non-Weight Based*** | X | X | mg | 1 | 1.1 |  | 1 mg / 50 mL (0.02 mg / mL) | X |  | 00:08 | 00:09 | 00:20 | 00:10 | n/a |  |  |  |  |
| **ibutilide**  ***Weight Based*** | X | X | mg/kg | 0.009 | 0.015 |  | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:30 | 00:10 | No |  |  |  |  |
| **idaruCIZUmab** | X | X | gram | 2.5 | 2.6 |  | 2.5 gram / 50 mL (0.05 gram / mL) | X |  |  | 00:05 | 00:12 | 00:10 | n/a |  |  |  |  |
| **imipen/cilas/relebac** | X | X | mg | 500 | 1,250 | 1,251 | 500 mg / 40 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  | LASA |
| 750 mg / 60 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,000 mg / 80 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,250 mg / 100 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **immune glob (IVIG)** | X | X | gram | 2 | 99 | 150 | --- gram / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  | Hypersensitivity |
| **iron sucrose** | X | X | mg | 100 | 500 |  | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:13 | 00:30 | 00:15 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| 400 mg / 250 mL (1.6 mg / mL) | X |  |  | 02:15 | 03:00 | 02:30 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 03:25 | 04:10 | 03:30 | n/a |  |  |  |
| **isavuconazonium** | X | X | mg | 370 | 372 | 374 | 372 mg / 250 mL (1.488 mg / mL) | X |  | 00:57 | 00:58 | 02:00 | 01:00 | n/a |  |  |  | Filter |
| **isoniazid** | X | X | mg | 100 | 300.1 |  | --- mg / --- mL | X |  | 00:50 | 00:53 | 02:00 | 01:00 | No |  |  |  |  |
| **kcentra** | X | X | unit | 1,000 | 5,000 |  | 1,500 unit / 60 mL (25 unit / mL) | X |  | 00:06 | 00:07 | 00:30 | 00:08 | n/a |  |  |  |  |
| --- unit / --- mL | X |  |  | 00:05 | 00:30 |  | No |  |  |  |
| **lacosamide** | X | X | mg | 50 | 400 |  | --- mg / --- mL | X |  |  | 00:25 | 01:05 | 00:30 | No |  |  |  |  |
| **lefamulin** | X | X | mg | 149 | 150 | 152 | 150 mg / 250 mL (0.6 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| **leucovorin** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **levETIRAcetam** | X | X | mg | 250 | 1,500 | 4,501 | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 2.5 | 15 |  |
| **levoFLOXacin** | X | X | mg | 250 | 750 | 751 | 250 mg / 50 mL (5 mg / mL) | X |  | 00:54 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:54 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 750 mg / 150 mL (5 mg / mL) | X |  | 01:00 | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| **levothyroxine** | X | X | mcg | 12.5 | 250 |  | --- mcg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **linezolid** | X | X | mg | 300 | 600 |  | 600 mg / 300 mL (2 mg / mL) | X |  | 00:53 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |  |
| **magnesium [1 Gm]** | X | X | gram | 1 | 1.1 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 01:00 | 00:30 | n/a |  |  |  |  |
| **magnesium [2Gm-ICU]** | X | X | gram | 1 | 2 |  | 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:57 | 01:30 | 01:00 | n/a |  |  |  |  |
| **mannitol 20%** | X | X | gram | 12.5 | 99.99 |  | 50 gram / 250 mL (0.2 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **mannitol,KCL,Mag[CI]** | X | X | gram | 6.25 | 50 |  | --- gram / --- mL | X |  | 00:59 | 01:00 | 02:00 |  | No |  |  |  | Filter |
| **meropenem** | X | X | gram | 0.25 | 2 |  | 0.5 gram / 100 mL (0.005 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 01:50 | 01:55 | 02:10 | 02:00 | n/a |  |  |  |
| **meropenem/vaborbact** | X | X | gram | 1 | 4 | 4.1 | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  | LASA |
| 2 gram / 250 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| 4 gram / 500 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| **mesna** | X | X | mg | 500 | 15,000 |  | --- mg / --- mL | X |  |  | 00:05 | 24:00 |  | No |  |  |  |  |
| **methadone** | X | X | mg | 1 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **methyldopa** | X | X | mg | 250 | 500 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 01:30 | 01:00 | No |  |  |  |  |
| **methylPRED [spin LD]** | X | X | mg | 125 | 5,000 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | No |  |  |  |  |
| **methylPREDNISolone** | X | X | mg | 125 | 1,000 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 01:00 | 00:15 | No |  |  |  |  |
| **metoclopramide** | X | X | mg | 2.5 | 20 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **metroNIDAZOLE** | X | X | mg | 125 | 1,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  | 00:54 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| **multivitamin 12** | X | X | unit | 1 | 2 | 4 | --- unit / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  |  |
| **mycophenolate** | X | X | mg | 500 | 1,500 |  | 1,000 mg / 150 mL (6.6667 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  | Hazardous Drug |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 01:50 | 03:00 | 02:00 | No |  |  |  |
| **nafcillin** | X | X | gram | 1 | 2 | 2.1 | 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |
| **nalbuphine** | X | X | mg | 2.5 | 10 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **octreotide [II]** | X | X | mcg | 12.5 | 200 |  | --- mcg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | No |  |  |  |  |
| **omadacylcine** | X | X | mg | 100 | 200 | 201 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:28 | 01:00 | 00:30 | n/a |  |  |  | Dedicated IV Line |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **ondansetron** | X |  | mg | 12 | 40 |  | --- mg / --- mL | X |  |  | 00:02 | 00:15 | 00:05 | No |  |  |  |  |
| **oritavancin** | X | X | gram | 1 | 1.2 | 1.4 | 1.2 gram / 1,000 mL (0.0012 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |  |
| **oxacillin** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **pamidronate** | X | X | mg | 30 | 90 |  | 30 mg / 500 mL (0.06 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |  |
| 60 mg / 500 mL (0.12 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| 90 mg / 500 mL (0.18 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 01:48 | 03:00 | 04:30 | 04:00 | No |  |  |  |
| **pantoprazole [II]** | X | X | mg | 79 | 80 | 81 | 80 mg / 100 mL (0.8 mg / mL) | X |  |  | 00:13 | 00:20 | 00:15 | n/a |  |  |  |  |
| **penicillin** | X | X | unit | 1 | 6 |  | 1 unit / 50 mL (0.02 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  | 1 unit= 1 million un |
| 2 unit / 50 mL (0.04 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3 unit / 50 mL (0.06 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4 unit / 50 mL (0.08 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 5 unit / 50 mL (0.1 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| --- unit / --- mL | X |  |  | 00:25 | 01:00 | 00:30 | No |  |  |  |
| **pentamidine** | X | X | mg/kg | 4 | 4.1 |  | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:30 | 01:00 | mg/mL |  | 1 | 6 |  |
| **PENTobarbital** | X | X | mg/kg | 5 | 15 |  | --- mg / --- mL | X |  | 00:50 | 00:55 | 02:30 | 01:00 | No |  |  |  | LASA |
| **peramivir** | X | X | mg | 15 | 600 | 601 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| 600 mg / 100 mL (6 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 00:14 | 01:00 | 00:30 | mg/mL | 0.15 |  | 6 |
| **PHENobarbital**  ***Loading Dose*** | X | X | mg | 200 | 500 | 1,000 | --- mg / --- mL | X |  | 00:12 | 00:14 | 01:00 | 00:15 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg | 25 | 200 |  | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg/kg | 0.9 | 3.1 | 1,000 | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **phenytoin**  ***Loading Dose*** | X | X | mg | 499 | 1,500 | 2,000 | --- mg / --- mL | X |  |  | 00:40 | 01:30 | 00:45 | No |  |  |  | Filter |
| **phenytoin**  ***Maintenance Dose*** | X | X | mg | 50 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 02:00 | 00:30 | No |  |  |  | Filter |
| **phytonadione** | X | X | mg | 0.5 | 10 | 11 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:40 | 00:30 | No |  |  |  |  |
| **piperacillin/tazo** | X | X | gram | 0.75 | 4.5 |  | 0.75 gram / 50 mL (0.015 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2.25 gram / 50 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 2.25 gram / 100 mL (0.0225 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3.37 gram / 100 mL (0.0337 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4.5 gram / 100 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **Plazomicin** | X | X | mg | 125 | 2,250 |  | --- mg / --- mL | X |  |  | 00:27 | 02:00 | 00:30 | mg/mL | 2.4 | 2.5 | 45 |  |
| **posaconazole** | X | X | mg | 299 | 300 | 301 | 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:30 | 02:30 | 01:30 | n/a |  |  |  | 0.22 micron filter |
| **potassium chloride**  ***Central*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 00:54 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:29 | 01:00 | 03:00 | 01:00 | n/a |  |  |  |
| **potassium chloride**  ***Peripheral*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:53 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:53 | 01:00 | 03:00 | 02:00 | n/a |  |  |  |
| **potassium PHOSphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **procainamide [II]** | X | X | mg/kg | 9 | 18 |  | 1,000 mg / 250 mL (4 mg / mL) | X |  | 00:19 | 00:20 | 00:50 |  | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:25 | 00:35 | 00:30 | No |  |  |  |
| **prochlorperazine** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **promethazine** | X | X | mg | 6.25 | 25 | 25.1 | 6.25 mg / 50 mL (0.125 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  | Extravasation |
| 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| **protamine sulfate** | X | X | mg | 1 | 100 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **pyridoxine** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **rasburicase** | X | X | mg | 3 | 6 | 6.1 | 3 mg / 50 mL (0.06 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |  |
| 6 mg / 50 mL (0.12 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |
| **remdesivir** | X |  | mg | 100 | 200 |  | 100 mg / 250 mL (0.4 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **rIfAMPin** | X | X | mg | 300 | 600 | 600.1 | --- mg / --- mL | X |  |  | 02:30 | 04:00 | 03:00 | No |  |  |  |  |
| **sarilumab** | X | X | mg | 399 | 400 | 401 | 400 mg / 100 mL (4 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **sodium phosphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:10 | 06:00 | 03:30 | n/a |  |  |  |  |
| **sodium thiosulfate** | X | X | gram | 12.4 | 26 |  | 25 gram / 200 mL (0.125 gram / mL) | X |  | 00:54 | 00:55 | 01:10 | 01:00 | n/a |  |  |  |  |
| --- gram / --- mL | X |  | 00:54 | 00:55 | 01:10 | 01:00 | No |  |  |  |
| **sotrovimab** | X | X | mg | 499 | 501 | 502 | 500 mg / 108 mL (4.6296 mg / mL) | X |  | 00:25 | 00:28 | 02:00 | 00:30 | n/a |  |  |  | 0.22 micron filter |
| **tacrolimus** | X | X | mg | 0.5 | 5 | 7.5 | --- mg / --- mL | X |  | 03:50 | 03:55 | 24:10 | 24:00 | mg/mL | 0.004 | 0.005 | 0.02 | Hazardous Drug |
| **tedizolid** | X | X | mg | 199 | 200 | 201 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **theophylline [II]** | X | X | mg | 125 | 500 |  | --- mg / --- mL | X |  | 00:15 | 00:18 | 00:30 | 00:20 | No |  |  |  |  |
| **thiamine** | X | X | mg | 50 | 500 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| **thiamine [w/Folic A]** | X | X | mg | 49 | 100.1 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| **tigecycline** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tobramycin** | X | X | mg | 40 | 500 | 800 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tocilizumab** | X | X | mg | 200 | 800 |  | --- mg / --- mL | X |  |  | 00:50 | 02:00 | 01:00 | No |  |  |  |  |
| **tranexamic** | X | X | mg | 1 | 2,001 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |
| **valproate sodium** | X | X | mg | 125 | 1,000 | 1,001 | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **vancomycin** | X | X | mg | 500 | 3,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,000 mg / 200 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,250 mg / 250 mL (5 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,750 mg / 250 mL (7 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 2,000 mg / 250 mL (8 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,250 mg / 250 mL (9 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,500 mg / 250 mL (10 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 3,000 mg / 500 mL (6 mg / mL) | X |  |  | 02:50 | 03:30 | 03:00 | n/a |  |  |  |
| **voriconazole** | X | X | mg | 100 | 900 |  | --- mg / --- mL | X |  |  | 01:30 | 02:10 |  | No |  |  |  |  |
| **zoledronic [Zometa]** | X | X | mg | 3 | 4 |  | 3 mg / 100 mL (0.03 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |  |
| 3.3 mg / 100 mL (0.033 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 3.5 mg / 100 mL (0.035 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 4 mg / 100 mL (0.04 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |

### Fluids

| **Fluids - Adult Critical Care** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X |  | 1 | 999 |  |  |
| **..Bolus Fluid** | Yes | X |  | 99 | 999 |  |  |
| **..Flush Fluid** | Yes | X |  | 10 | 501 |  |  |
| **..KVO Fluid** | Yes | X |  | 0.1 | 31 |  |  |
| **.IVF + Additive** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + KCL 10mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 20mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 30mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 40mEq/L** | Yes | X |  | 1 | 250 | 501 |  |
| **.IVF + KCL 80mEq/L** | Yes | X |  | 1 | 125 | 250 |  |
| **.IVF + Sodium Acetat** | Yes | X | X | 10 | 250 | 500 |  |
| **.IVF + Sodium Bicarb** | Yes | X | X | 10 | 250 | 500 |  |
| **3% Sodium Chloride** | Yes | X | X | 1 | 50 |  |  |
| **Blood (PRBCs)** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **Blood (whole)** | No | X |  | 0.1 | 999 |  | Dedicated IV Line |
| **Blood Product** | Yes | X |  | 74 | 301 |  |  |
| **Dextran-40** | Yes | X |  | 25 | 100 |  |  |
| **Dextrose 10%** | Yes | X |  | 5 | 150 |  |  |
| **Fresh Frozen Plasma** | Yes | X |  | 199 | 301 |  |  |
| **Hetastarch 6 %** | Yes | X |  | 10 | 500 | 999 |  |
| **Lipid Emulsion 10%** | Yes | X |  | 5 | 50 |  | Lipids |
| **Lipid Emulsion 20%** | Yes | X |  | 5 | 30 |  | Lipids |
| **Platelets** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **PPN** | Yes | X |  | 15 | 200 |  | PPN |
| **Saline Flush 10 mL** | Yes | X |  | 1 | 500 |  |  |
| **TPN** | Yes | X |  | 10 | 150 |  | TPN |
| **TPN-Cyclic** | Yes | X |  | 15 | 175 |  | TPN |

### PCA Drugs

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  mL Only | | | | | | | | |
| **deferoxamine [SC]** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a |  |  | |  |  | | **Dosing Units**  ml | |
| Continuous Dose / h | n/a | 0.83 | 1.25 | |  | 0.83 | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) |  |  |  | | n/a |  | | **Clinical Advisory Name** | |
| Max Acc. Dose Range / 1 h | n/a | 0.83 | 1.25 | |  | 0.83 | |

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  500 mcg / 50 mL (10 mcg / mL) | | | | | | | | |
| **fentaNYL PCA10mcg/ml** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 2 | 50 | | 60 |  | | **Dosing Units**  mcg | |
| Continuous Dose / h | n/a | 10 | 60 | | 100 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 12 | 125 | | 150 |  | |

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  2,500 mcg / 50 mL (50 mcg / mL) | | | | | | | | |
| **fentaNYL PCA50mcg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 10 | 200 | | 300 |  | | **Dosing Units**  mcg | |
| Continuous Dose / h | n/a | 50 | 1,000 | | 1,500 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 50 | 1,800 | | 2,000 |  | |

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **HYDROmor PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 10 | | 12 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.2 | 15 | | 30 |  | |

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  10 mg / 50 mL (0.2 mg / mL) | | | | | | | | |
| **HYDROmor PCA0.2mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.05 | 1 | | 2 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.1 | 2 | | 3 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 0.6 | 3 | | 4.4 |  | |

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **Morphine PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 5 | | 10 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.25 | 15 | | 22 |  | |

| **PCA Drugs - Adult Critical Care** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  250 mg / 50 mL (5 mg / mL) | | | | | | | | |
| **Morphine PCA 5 mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 1 | 25 | | 30 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 1 | 50 | | 100 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 6 | 65 | | 100 |  | |

## Anesthesia

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - Anesthesia** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **alprostadil**  500 mcg / 50 mL (10 mcg / mL)  --- mcg / --- mL | X  X | X  X | YES | **Continuous**  mcg/kg/min | 0.01 | 0.15 | 0.5 |  |  |  |  |  |  |  |  |  |  |
| **alteplase[PAO/PE-CI]**  13 mg / 125 mL (0.104 mg / mL)  15 mg / 500 mL (0.03 mg / mL)  25 mg / 250 mL (0.1 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/h | 0.2 | 1.2 |  | 1 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **aminocaproic[bypass]**  20 gram / 1,000 mL (0.02 gram / mL) | X |  | N/A | **Continuous**  gram/h | 0.5 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |
| **amiodarone**  360 mg / 200 mL (1.8 mg / mL)  450 mg / 250 mL (1.8 mg / mL)  900 mg / 500 mL (1.8 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/min | 0.13 | 1.2 | 2 | 1 |  |  |  |  |  |  |  |  | Filter |
| **calcium gluc [CI]**  10 gram / 500 mL (0.02 gram / mL) | X |  | N/A | **Continuous**  mg/kg/h | 4 | 61 |  |  |  |  |  |  |  |  |  |  |  |
| **Cangrelor**  50 mg / 250 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 2 | 4 |  | 4 | 15 | 30 |  | 30 | 0.5 | 1 |  | 1 | Filter |
| **clevidipine**  25 mg / 50 mL (0.5 mg / mL)  50 mg / 100 mL (0.5 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 0.5 | 16 | 32 | 1 |  |  |  |  |  |  |  |  | Dedicated IV Line |
| **dexmedetomidine**  200 mcg / 50 mL (4 mcg / mL) | X | X | N/A | **Continuous**  mcg/kg/h  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.05 | 2.2 | 3 | 0.2 | 0.4 | 2.5 | 3 | 1 | 0.04 | 0.25 | 0.3 | 0.1 |  |
| **diltiaZEM**  125 mg / 125 mL (1 mg / mL) | X |  | N/A | **Continuous**  mg/h  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 2.5 | 15 | 20 | 5 | 9 | 42 |  |  | 4.5 | 21 |  |  |  |
| **DOBUTamine**  ***NICU Anesthesia***  1,000 mcg / 1 mL (1,000 mcg / mL)  2,000 mcg / 1 mL (2,000 mcg / mL)  4,000 mcg / 1 mL (4,000 mcg / mL) | X  X  X | X  X  X | N/A | **Continuous**  mcg/kg/min | 1 | 30 |  |  |  |  |  |  |  |  |  |  |  |
| **DOBUTamine**  ***UT1 - ICU***  250 mg / 250 mL (1 mg / mL)  1,000 mg / 250 mL (4 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 20 | 40 |  |  |  |  |  |  |  |  |  | LASA |
| **DOBUTamine**  ***UT2 - INT***  250 mg / 250 mL (1 mg / mL)  1,000 mg / 250 mL (4 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 20 | 40 |  |  |  |  |  |  |  |  |  | LASA |
| **DOPamine**  ***NICU Anesthesia***  800 mcg / 1 mL (800 mcg / mL)  1,600 mcg / 1 mL (1,600 mcg / mL)  3,200 mcg / 1 mL (3,200 mcg / mL)  --- mcg / --- mL | X  X  X  X | X  X  X  X | YES | **Continuous**  mcg/kg/min | 1 | 25 | 40 |  |  |  |  |  |  |  |  |  |  |
| **DOPamine**  ***UT1 - ICU***  400 mg / 500 mL (0.8 mg / mL)  800 mg / 500 mL (1.6 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 5 | 10 |  |  |  |  |  |  |  |  |  | LASA |
| **DOPamine**  ***UT2 - INT***  400 mg / 500 mL (0.8 mg / mL)  800 mg / 500 mL (1.6 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 1 | 5 | 10 |  |  |  |  |  |  |  |  |  | LASA |
| **EPINEPHrine**  ***Adult***  4 mg / 250 mL (0.016 mg / mL)  8 mg / 250 mL (0.032 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.01 | 0.2 | 1 | 0.02 |  |  |  |  |  |  |  |  |  |
| **EPINEPHrine**  ***NICU Anesthesia***  --- mcg / --- mL  4 mg / 250 mL (0.016 mg / mL)  8 mg / 250 mL (0.032 mg / mL) | X  X  X | X  X  X | YES | **Continuous**  mcg/kg/min | 0.05 | 1.5 | 5 |  |  |  |  |  |  |  |  |  |  |
| **epoprostenol**  --- mg / --- mL | X |  | YES | **Continuous**  nanogram/kg/min | 2 | 150 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **esmolol**  ***Adult***  2,500 mg / 250 mL (10 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 25 | 200 |  |  | 250 | 501 | 1,000 |  | 250 | 1,000 |  |  |  |
| **esmolol**  ***NICU Anesthesia***  2,500 mg / 250 mL (10 mg / mL) | X | X | N/A | **Continuous**  mcg/kg/min | 0.05 | 1.5 | 5 |  |  |  |  |  |  |  |  |  |  |
| **factor VIIa NovoSeve**  --- mcg / --- mL | X |  | YES | **Continuous**  mcg/h | 400 | 3,000 |  |  |  |  |  |  |  |  |  |  |  |
| **factor VIII (8)**  10 unit / 1 mL (10 unit / mL)  20 unit / 1 mL (20 unit / mL)  --- unit / --- mL | X  X  X |  | YES | **Continuous**  unit/h | 10 | 800 | 1,000 |  |  |  |  |  |  |  |  |  |  |
| **fentaNYL**  4 mcg / 1 mL (4 mcg / mL)  12.5 mcg / 1 mL (12.5 mcg / mL) | X  X | X  X | N/A | **Continuous**  mcg/kg/h  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.25 | 12 | 15 |  | 0.25 | 10 | 15 |  | 0.025 | 8.3 |  |  |  |
| **heparin**  ***\*\*\*High Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 35 |  | 18 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*\*Low Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 12 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*Stroke***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 10 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***CVVH***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/h | 500 | 1,500 |  | 1,000 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***Non-Weight Based***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/h | 200 | 3,000 |  | 500 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **isoproterenol**  1 mg / 250 mL (0.004 mg / mL) | X |  | N/A | **Continuous**  mcg/min | 0.5 | 10 | 30 |  |  |  |  |  |  |  |  |  |  |
| **labetalol**  500 mg / 250 mL (2 mg / mL)  1,000 mg / 500 mL (2 mg / mL) | X  X |  | N/A | **Continuous**  mg/min  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 0.25 | 2 | 5 |  | 4 | 41 |  |  | 2 | 21 |  |  |  |
| **lidocaine**  2,000 mg / 500 mL (4 mg / mL) | X |  | N/A | **Continuous**  mg/min | 1 | 4 |  |  |  |  |  |  |  |  |  |  |  |
| **methylPRED[spin cord**  --- mg / --- mL | X |  | YES | **Continuous**  mg/kg/h | 5 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |
| **milrinone**  ***Adult***  40 mg / 200 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.2 | 0.75 | 0.76 | 0.2 | 49 | 51 |  | 50 | 4.9 | 5.1 |  | 5 |  |
| **milrinone**  ***NICU Anesthesia***  0.2 mg / 1 mL (0.2 mg / mL) | X | X | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.1 | 0.8 | 1.3 |  | 20 | 125 |  |  | 1.2 | 14 |  |  |  |
| **niCARdipine**  20 mg / 200 mL (0.1 mg / mL)  50 mg / 500 mL (0.1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 2.5 | 15 | 20 | 2.5 |  |  |  |  |  |  |  |  |  |
| **nitroglycerin**  ***Adult***  50 mg / 250 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/min | 5 | 200 |  | 10 |  |  |  |  |  |  |  |  |  |
| **nitroglycerin**  ***NICU Anesthesia***  50 mg / 250 mL (0.2 mg / mL) | X | X | N/A | **Continuous**  mcg/kg/min | 0.05 | 20 | 25 |  |  |  |  |  |  |  |  |  |  |
| **nitroprusside**  ***Adult***  50 mg / 250 mL (0.2 mg / mL)  100 mg / 250 mL (0.4 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.3 | 5 | 10 | 0.3 |  |  |  |  |  |  |  |  |  |
| **nitroprusside**  ***NICU Anesthesia***  50 mg / 250 mL (0.2 mg / mL) | X | X | N/A | **Continuous**  mcg/kg/min | 0.2 | 5 | 10 |  |  |  |  |  |  |  |  |  |  |
| **norepinephrine**  4 mg / 250 mL (0.016 mg / mL)  16 mg / 250 mL (0.064 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 0.01 | 0.3 |  | 0.03 |  |  |  |  |  |  |  |  |  |
| **oxytocin induction**  30 unit / 500 mL (0.06 unit / mL) | X |  | N/A | **Continuous**  milliunit/min | 0.5 | 20 | 41 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **oxytocin p-hemorrhag**  30 unit / 500 mL (0.06 unit / mL) | X |  | N/A | **Continuous**  unit/h  **Bolus Dose**  unit  **Bolus Admin Rate**  unit/min | 4.8 | 5.3 | 5.5 | 5 | 9.9 | 10.1 |  | 10 | 0.8 | 1.2 | 1.5 | 1 | Double Check by 2 RN |
| **PHENYLephrine**  10 mg / 250 mL (0.04 mg / mL)  40 mg / 250 mL (0.16 mg / mL) | X  X |  | N/A | **Continuous**  mcg/min | 9 | 180 |  | 10 |  |  |  |  |  |  |  |  |  |
| **propofol**  ***Adult***  500 mg / 50 mL (10 mg / mL)  1,000 mg / 100 mL (10 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 2.5 | 300 | 301 |  | 9 | 21 |  |  | 1.8 | 6.7 |  |  |  |
| **propofol**  ***NICU Anesthesia***  500 mg / 50 mL (10 mg / mL) | X | X | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 9 | 100 | 500 |  | 0.5 | 2.5 |  |  | 0.05 | 7.5 |  |  |  |
| **remifentanil**  --- mcg / --- mL | X | X | YES | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.01 | 2.5 |  |  | 0.1 | 5 |  |  | 0.001 | 2 |  |  |  |
| **tranexamic acid**  2,000 mg / 250 mL (8 mg / mL) | X |  | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/min | 0.5 | 17 | 18 |  | 5 | 31 | 32 |  | 10 |  | 101 |  |  |
| **treprostinil**  --- mcg / --- mL | X |  | YES | **Continuous**  nanogram/kg/min | 1 | 50 | 500 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **vasopressin**  40 unit / 100 mL (0.4 unit / mL)  60 unit / 60 mL (1 unit / mL)  --- unit / --- mL | X  X  X |  | YES | **Continuous**  unit/min | 0.01 | 0.04 | 0.1 | 0.04 |  |  |  |  |  |  |  |  |  |
| **vecuronium**  0.2 mg / 1 mL (0.2 mg / mL) | X | X | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.03 | 0.09 | 0.15 |  | 0.025 | 0.3 |  |  | 0.001 | 0.03 |  |  |  |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Anesthesia** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **alprostadil**  WeightBased | X | X | mcg/mL | 1 |  | 10 |
| **DOPamine**  ***NICU Anesthesia***  WeightBased | X | X | mcg/mL | 800 |  | 3,200 |
| **EPINEPHrine**  ***NICU Anesthesia***  WeightBased | X | X | mcg/mL | 10 | 16 | 65 |
| **epoprostenol**  WeightBased | X |  | nanogram/mL\* | 2,999 | 3,000 | 30,000 |
| **factor VIIa NovoSeve**  NonWeightBased | X |  | mcg/mL | 800 |  | 1,000 |
| **factor VIII (8)**  NonWeightBased | X |  | unit/mL | 8 | 10 | 11 |
| **methylPRED[spin cord**  WeightBased | X |  | mg/mL | 8 | 10 | 35 |
| **remifentanil**  WeightBased | X | X | mcg/mL | 20 |  | 250 |
| **treprostinil**  WeightBased | X |  | nanogram/mL\* | 10,000 |  | 99,999 |
| **vasopressin**  NonWeightBased | X |  | unit/mL | 0.4 |  | 1 |

\* Units Only concentration and Dosing Units have different units of measure.

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - Anesthesia** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **alteplase**  ***\*\*Stroke*** | X | X | mg | 30 | 81 | 82 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **alteplase**  ***\*Pulmonary Embolism*** | X | X | mg | 95 | 100.1 | 101 | 100 mg / 100 mL (1 mg / mL) | X |  | 01:50 | 01:55 | 02:05 | 02:00 | n/a |  |  |  | Double Check by 2 RN |
| **alteplase**  ***MI [Start 30 min]*** | X | X | mg | 20 | 50.1 | 51 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:35 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **alteplase**  ***MI [Then 60 min]*** | X | X | mg | 10 | 35.1 | 36 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **hydroxocobalamin** | X | X | gram | 4 | 5 | 6 | 5 gram / 200 mL (0.025 gram / mL) | X |  | 00:09 | 00:10 | 00:25 | 00:15 | n/a |  |  |  |  |
| **kcentra** | X | X | unit | 1,000 | 5,000 |  | 1,500 unit / 60 mL (25 unit / mL) | X |  | 00:06 | 00:07 | 00:30 | 00:08 | n/a |  |  |  |  |
| --- unit / --- mL | X |  |  | 00:05 | 00:30 |  | No |  |  |  |

### Fluids

No drugs exist in this section.

### PCA Drugs

No drugs exist in this section.

## Investigational

### Continuous/Bolus - Non-Anesthesia Drugs

No drugs exist in this section.

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - Investigational** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **tecovirimat** | X |  | mg | 200 |  | 301 | 200 mg / 60 mL (3.3333 mg / mL) |  | X | 02:58 |  | 06:30 | 03:00 | n/a |  |  |  |  |
| 300 mg / 90 mL (3.3333 mg / mL) |  | X | 02:58 |  | 06:30 | 03:00 | n/a |  |  |  |

### Fluids

No drugs exist in this section.

### PCA Drugs

No drugs exist in this section.

## Med/Surg

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - Med/Surg** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **argatroban**  250 mg / 250 mL (1 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.1 | 3 | 10 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **bumetanide**  2.5 mg / 100 mL (0.025 mg / mL)  5 mg / 100 mL (0.05 mg / mL)  --- mg / --- mL | X  X  X |  | YES | **Continuous**  mg/h | 0.25 | 2 | 4 |  |  |  |  |  |  |  |  |  | Protect from Light |
| **Cangrelor**  50 mg / 250 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 2 | 4 |  | 4 | 15 | 30 |  | 30 | 0.5 | 1 |  | 1 | Filter |
| **deferoxamine [CI]**  0.5 gram / 500 mL (0.001 gram / mL)  1 gram / 500 mL (0.002 gram / mL)  1.5 gram / 500 mL (0.003 gram / mL)  2 gram / 500 mL (0.004 gram / mL)  2.5 gram / 500 mL (0.005 gram / mL)  3 gram / 500 mL (0.006 gram / mL) | X  X  X  X  X  X |  | N/A | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [SC]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **factor VIIa NovoSeve**  --- mcg / --- mL | X |  | YES | **Continuous**  mcg/h | 400 | 3,000 |  |  |  |  |  |  |  |  |  |  |  |
| **factor VIII (8)**  10 unit / 1 mL (10 unit / mL)  20 unit / 1 mL (20 unit / mL)  --- unit / --- mL | X  X  X |  | YES | **Continuous**  unit/h | 10 | 800 | 1,000 |  |  |  |  |  |  |  |  |  |  |
| **fentaNYL**  2,500 mcg / 250 mL (10 mcg / mL) | X |  | N/A | **Continuous**  mcg/h | 10 | 200 | 750 |  |  |  |  |  |  |  |  |  |  |
| **furosemide**  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL)  500 mg / 100 mL (5 mg / mL)  --- mg / --- mL | X  X  X  X |  | YES | **Continuous**  mg/h | 1 | 60 |  | 4 |  |  |  |  |  |  |  |  | Protect from Light |
| **heparin**  ***\*\*\*High Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 35 |  | 18 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*\*Low Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 12 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*Stroke***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 10 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***Non-Weight Based***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/h | 200 | 3,000 |  | 500 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **HYDROmorpho 0.2mg/mL**  20 mg / 100 mL (0.2 mg / mL)  50 mg / 250 mL (0.2 mg / mL)  100 mg / 500 mL (0.2 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/h | 0.1 | 5 | 10 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **insulin**  100 unit / 100 mL (1 unit / mL) | X |  | N/A | **Continuous**  unit/h | 0.2 | 15 | 20 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ketamine**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/kg/h | 0.05 | 0.2 | 0.3 | 0.05 |  |  |  |  |  |  |  |  |  |
| **methylPRED[spin cord**  --- mg / --- mL | X |  | YES | **Continuous**  mg/kg/h | 5 | 5.4 |  |  |  |  |  |  |  |  |  |  |  |
| **morphine [1mg/mL]**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 0.5 | 25 | 50 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **morphine [5mg/mL]**  500 mg / 100 mL (5 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2.5 | 50 | 150 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **naloxone**  4 mg / 250 mL (0.016 mg / mL) | X |  | N/A | **Continuous**  mg/h | 0.05 | 6.25 | 8 |  |  |  |  |  |  |  |  |  |  |
| **naloxone**  0.5 mg / 250 mL (0.002 mg / mL)  4 mg / 250 mL (0.016 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/h | 0.24 | 2.5 |  |  |  |  |  |  |  |  |  |  |  |
| **octreotide**  500 mcg / 100 mL (5 mcg / mL)  1,250 mcg / 250 mL (5 mcg / mL) | X  X |  | N/A | **Continuous**  mcg/h | 25 | 50 |  |  |  |  |  |  |  |  |  |  |  |
| **pantoprazole**  80 mg / 250 mL (0.32 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2 | 10 |  | 8 |  |  |  |  |  |  |  |  |  |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Med/Surg** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **bumetanide**  NonWeightBased | X |  | mg/mL | 0.01 |  | 0.26 |
| **deferoxamine [SC]**  NonWeightBased | X |  | mg/mL | 190 |  | 200 |
| **factor VIIa NovoSeve**  NonWeightBased | X |  | mcg/mL | 800 |  | 1,000 |
| **factor VIII (8)**  NonWeightBased | X |  | unit/mL | 8 | 10 | 11 |
| **furosemide**  NonWeightBased | X |  | mg/mL | 1 |  | 10 |
| **methylPRED[spin cord**  WeightBased | X |  | mg/mL | 8 | 10 | 35 |

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - Med/Surg** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **acetaminophen** | X | X | mg | 499 | 1,001 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 00:12 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:12 | 00:30 | 00:15 | No |  |  |  |
| **acetylcysteine**  ***\*Renal Protection*** | X | X | mg | 599 | 1,201 |  | --- mg / --- mL | X |  | 12:00 | 14:00 | 16:30 | 16:00 | No |  |  |  |  |
| **acetylcysteine**  ***Loading Dose*** | X | X | mg/kg | 149 | 151 |  | --- mg / --- mL | X |  |  | 00:52 | 01:15 | 01:00 | No |  |  |  |  |
| **acetylcysteine**  ***Second Dose*** | X | X | mg/kg | 49 | 51 |  | --- mg / --- mL | X |  |  | 03:30 | 04:15 | 04:00 | No |  |  |  |  |
| **acetylcysteine**  ***Third Dose*** | X | X | mg/kg | 99 | 101 |  | --- mg / --- mL | X |  | 12:00 | 14:00 | 16:30 | 16:00 | No |  |  |  |  |
| **acyclovir** | X | X | mg | 125 | 1,000 |  | --- mg / --- mL | X |  | 00:50 | 00:53 | 01:30 | 01:00 | mg/mL |  | 2.5 | 7 |  |
| **albumin 25% [IVPB]** | X | X | gram | 12.4 | 25.1 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 100 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |
| **albumin 5% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 250 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 500 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |
| **allopurinol** | X | X | mg | 100 | 400 | 600 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | mg/mL |  | 1 | 6 |  |
| **alteplase**  ***\*\*Stroke*** | X | X | mg | 30 | 81 | 82 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **alteplase**  ***\*Pulmonary Embolism*** | X | X | mg | 95 | 100 | 101 | 100 mg / 100 mL (1 mg / mL) | X |  | 01:50 | 01:55 | 02:05 | 02:00 | n/a |  |  |  | Double Check by 2 RN |
| **alteplase**  ***MI [Start 30 min]*** | X | X | mg | 20 | 50 | 51 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:35 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **alteplase**  ***MI [Then 60 min]*** | X | X | mg | 10 | 35 | 36 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **amikacin** | X | X | mg | 125 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **ampho B (LIPID)** | X | X | mg | 80 | 750 |  | --- mg / --- mL | X |  | 01:55 | 01:56 | 03:00 | 02:00 | mg/mL | 0.2 | 1 | 2 | LASA |
| **amphotericin B** | X | X | mg | 10 | 100 | 150 | --- mg / --- mL | X |  | 01:48 | 01:50 | 06:00 | 03:00 | mg/mL |  | 0.01 | 0.25 | LASA |
| **ampicillin** | X | X | gram | 0.5 | 2.1 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **ampicillin/sulbact** | X | X | gram | 1.5 | 3 |  | 1.5 gram / 100 mL (0.015 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **antithrombin III** | X | X | unit | 1,000 | 10,000 |  | --- unit / --- mL | X |  |  | 00:09 | 01:00 | 00:10 | No |  |  |  |  |
| **azaTHIOprine** | X | X | mg | 40 | 500 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  | Hazardous Drug |
| **azithromycin** | X | X | mg | 250 | 500 |  | 250 mg / 250 mL (1 mg / mL) | X |  |  | 02:54 | 03:30 | 03:00 | n/a |  |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| **aztreonam** | X | X | gram | 0.25 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:55 | 01:10 | 01:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **bactrim [SMX/TMP]** | X | X | mg | 40 | 480 |  | --- mg / --- mL | X |  |  | 01:00 | 02:00 |  | No |  |  |  |  |
| **bamlanivimab/etesevi** | X | X | mg | 2,099 | 2,101 | 2,102 | 2,100 mg / 310 mL (6.7742 mg / mL) | X |  | 00:55 | 00:58 | 24:00 |  | n/a |  |  |  | 0.22 micron filter |
| **bumetanide [IVPB]** | X | X | mg | 2.1 | 10 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 0.04 | 0.2 |  |
| **caffeine/sod benzoa** | X | X | mg | 30 | 500 |  | 500 mg / 1,000 mL (0.5 mg / mL) | X |  |  | 00:55 | 01:05 | 01:00 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 0.12 | 0.6 |
| **calcium gluconate** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  | 00:25 | 00:27 | 01:30 | 00:30 | n/a |  |  |  |  |
| **casirivimab/imdevima** | X | X | mg | 1,199 | 1,201 | 1,202 | 1,200 mg / 260 mL (4.6154 mg / mL) | X |  | 00:55 | 00:58 | 03:00 | 01:00 | n/a |  |  |  | 0.22 micron filter |
| **caspoFUNGIN** | X | X | mg | 35 | 70 | 71 | 35 mg / 250 mL (0.14 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 50 mg / 250 mL (0.2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 70 mg / 250 mL (0.28 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:53 | 00:54 | 02:00 | 01:00 | No |  |  |  |
| **ceFAZolin** | X | X | gram | 0.5 | 3 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 1.5 gram / 50 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cefepime** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **cefiderocol** | X | X | mg | 750 | 2,000 | 2,001 | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |  |
| 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| **cefotaxime** | X | X | mg | 500 | 2,000 |  | 500 mg / 50 mL (10 mg / mL) | X |  |  | 00:14 | 00:25 | 00:15 | n/a |  |  |  |  |
| 1,000 mg / 50 mL (20 mg / mL) | X |  |  | 00:14 | 00:25 | 00:15 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 00:25 | 00:35 | 00:30 | n/a |  |  |  |
| **cefOXitin** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **ceftaroline** | X | X | mg | 200 | 600 | 601 | 200 mg / 50 mL (4 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| 400 mg / 50 mL (8 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| **cefTAZidime** | X | X | gram | 0.5 | 2.1 |  | 0.5 gram / 50 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **CefTAZidime/Avibacta** | X | X | gram | 0.94 | 2.5 | 2.6 | 0.94 gram / 50 mL (0.0188 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  | LASA |
| 1.25 gram / 100 mL (0.0125 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| 2.5 gram / 100 mL (0.025 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 01:50 | 02:10 | 02:00 | gram/mL | 0.008 | 0.04 | 0.41 |
| **ceftolazane/tazobact** | X | X | mg | 149 | 1,501 |  | 150 mg / 100 mL (1.5 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |  |
| 375 mg / 100 mL (3.75 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| **cefTRIAXone** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **cefuroxime** | X | X | mg | 750 | 1,500 |  | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **chlorothiazide** | X | X | mg | 500 | 1,000 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 00:30 | 00:15 | mg/mL |  | 10 | 20 | Extravasation |
| **chlorproMAZINE** | X | X | mg | 12.5 | 50 |  | 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |
| 50 mg / 50 mL (1 mg / mL) | X |  | 00:40 | 00:45 | 01:00 | 00:50 | n/a |  |  |  |
| **ciprofloxacin** | X | X | mg | 200 | 400 |  | 200 mg / 100 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |
| **clindamycin** | X | X | mg | 150 | 900 |  | 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 900 mg / 50 mL (18 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **colistimethate** | X | X | mg | 50 | 500 |  | --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 1 | 10 |  |
| **conivaptan[load]** | X | X | mg | 10 | 20 |  | 20 mg / 100 mL (0.2 mg / mL) | X |  |  | 00:20 | 00:45 | 00:30 | n/a |  |  |  |  |
| **copper** | X | X | mg | 0.2 | 4.1 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 04:10 | 03:00 | No |  |  |  |  |
| **cycloSPORINE** | X | X | mg | 40 | 750 |  | --- mg / --- mL | X |  | 01:00 | 01:40 | 06:00 | 02:00 | mg/mL |  | 1 | 2 | Hazardous Drug |
| **dalbavancin** | X | X | mg | 374 |  | 1,501 | 375 mg / 100 mL (3.75 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,000 mg / 250 mL (4 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,125 mg / 250 mL (4.5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,500 mg / 500 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| **DAPTOmycin** | X | X | mg | 100 | 1,200 | 2,000 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | No |  |  |  |  |
| **delafloxacin** | X | X | mg | 200 | 300 | 301 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **desmopressin** | X | X | mcg | 1 | 40 |  | --- mcg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **dexamethasone** | X | X | mg | 12.1 | 20 |  | --- mg / --- mL | X |  |  | 00:09 | 00:20 | 00:10 | mg/mL |  | 0.24 | 0.4 |  |
| **digoxin** | X | X | mg | 0.25 | 0.5 |  | --- mg / --- mL | X |  |  | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **digoxin immune fab** | X | X | mg | 40 | 400 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **dihydroergotamine** | X | X | mg | 0.5 | 1 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 1 | 2 |  |
| **diphenhydrAMINE** | X | X | mg | 12.5 | 50 |  | --- mg / --- mL | X |  |  | 00:15 | 00:20 | 00:15 | mg/mL |  | 0.5 | 1 |  |
| **doxyCYCLINE** | X | X | mg | 100 | 200 | 201 | 100 mg / 250 mL (0.4 mg / mL) | X |  | 01:45 | 01:50 | 03:00 | 02:00 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  | 01:45 | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| **enalaprilat** | X | X | mg | 0.625 | 5 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **eravacycline** | X | X | mg/kg | 0.8 | 1 | 1.2 | --- mg / --- mL | X |  |  | 00:58 | 01:30 | 01:00 | mg/mL | 0.18 | 0.2 | 0.6 |  |
| **ertapenem** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| **erythromycin** | X | X | mg | 125 | 500 | 501 | 125 mg / 100 mL (1.25 mg / mL) | X |  | 00:54 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  | 00:54 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  | 00:54 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |
| **estrogen-uremic** | X | X | mg | 10 | 60 | 70 | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **estrogen-uterine** | X | X | mg | 24 | 26 |  | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **ethacrynic acid** | X | X | mg | 25 | 100 | 101 | --- mg / --- mL | X |  | 00:10 | 00:14 | 00:20 | 00:15 | No |  |  |  |  |
| **factor IX** | X | X | unit | 400 | 9,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIIa Novo[II]** | X | X | mcg | 400 | 9,999 |  | --- mcg / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Heli** | X | X | unit | 400 | 5,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Huma** | X | X | unit/kg | 14 | 80 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **famotidine** | X | X | mg | 10 | 40 |  | 40 mg / 50 mL (0.8 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **feiba autoplex** | X | X | unit | 400 | 9,999 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **filgrastim** | X | X | mcg | 300 | 480 |  | --- mcg / --- mL | X |  |  | 00:14 | 00:20 | 00:15 | No |  |  |  |  |
| **fluconazole** | X | X | mg | 49 | 600 | 800 | 100 mg / 50 mL (2 mg / mL) | X |  | 00:53 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  | 00:53 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 01:40 | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| **folic acid** | X | X | mg | 0.1 | 1 |  | --- mg / --- mL | X |  |  | 00:15 | 00:30 |  | No |  |  |  |  |
| **foscarnet**  ***Central*** | X | X | mg | 2,400 | 9,999 |  | --- mg / --- mL | X |  | 00:52 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **foscarnet**  ***Peripheral*** | X | X | mg | 2,400 | 9,999 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 02:00 | 01:00 | No |  |  |  |  |
| **fosphenytoin**  ***Loading Dose*** | X | X | mg | 600 | 2,000 | 3,000 | --- mg / --- mL | X |  | 00:09 | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 25 | PE |
| **fosphenytoin**  ***Maintenance Dose*** | X | X | mg | 80 | 500 |  | --- mg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | mg/mL |  | 10 | 25 | PE |
| **furosemide[II]** | X | X | mg | 101 | 300 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 2 | 6 |  |
| **ganciclovir** | X | X | mg | 150 | 750 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 01:30 | 01:00 | mg/mL |  | 1 | 10 | Hazardous Drug |
| **gentamicin** | X | X | mg | 40 | 800 | 801 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | mg/mL |  | 0.8 | 16 |  |
| **glycopyrrolate** | X | X | mg | 0.1 | 0.2 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | mg/mL |  | 0.2 | 0.4 |  |
| **granisetron** | X | X | mg | 0.5 | 1 |  | 1 mg / 50 mL (0.02 mg / mL) | X |  |  | 00:09 | 00:30 | 00:10 | n/a |  |  |  |  |
| **haloperidol** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  |  | 00:10 | 00:25 | 00:15 | No |  |  |  |  |
| **hydrALAZINE** | X | X | mg | 1 | 20 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | No |  |  |  |  |
| **idaruCIZUmab** | X | X | gram | 2.4 | 2.6 |  | 2.5 gram / 50 mL (0.05 gram / mL) | X |  |  | 00:05 | 00:12 | 00:10 | n/a |  |  |  |  |
| **imipen/cilas/relebac** | X | X | mg | 500 | 1,250 | 1,251 | 500 mg / 40 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  | LASA |
| 750 mg / 60 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,000 mg / 80 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,250 mg / 100 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **immune glob (IVIG)** | X | X | gram | 2 | 99 | 150 | --- gram / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  | Hypersensitivity |
| **iron sucrose** | X | X | mg | 99 | 501 |  | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:13 | 00:30 | 00:15 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| 400 mg / 250 mL (1.6 mg / mL) | X |  |  | 02:15 | 03:00 | 02:30 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 03:25 | 04:10 | 03:30 | n/a |  |  |  |
| **isavuconazonium** | X | X | mg | 370 | 372 | 374 | 372 mg / 250 mL (1.488 mg / mL) | X |  | 00:57 | 00:58 | 02:00 | 01:00 | n/a |  |  |  | Filter |
| **isoniazid** | X | X | mg | 100 | 300 |  | --- mg / --- mL | X |  | 00:50 | 00:53 | 02:00 | 01:00 | No |  |  |  |  |
| **kcentra** | X | X | unit | 1,000 | 5,000 |  | 1,500 unit / 60 mL (25 unit / mL) | X |  | 00:06 | 00:07 | 00:30 | 00:08 | n/a |  |  |  |  |
| --- unit / --- mL | X |  |  | 00:05 | 00:30 |  | No |  |  |  |
| **lacosamide** | X | X | mg | 49 | 401 |  | --- mg / --- mL | X |  |  | 00:25 | 01:05 | 00:30 | No |  |  |  |  |
| **lefamulin** | X | X | mg | 149 | 150 | 152 | 150 mg / 250 mL (0.6 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| **leucovorin** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **levETIRAcetam** | X | X | mg | 250 | 1,500 | 4,501 | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 2.5 | 15 |  |
| **levoFLOXacin** | X | X | mg | 200 | 750 | 751 | 250 mg / 50 mL (5 mg / mL) | X |  | 00:54 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:54 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 750 mg / 150 mL (5 mg / mL) | X |  | 01:00 | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| **levothyroxine** | X | X | mcg | 12.5 | 250 |  | --- mcg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **linezolid** | X | X | mg | 300 | 600 |  | 600 mg / 300 mL (2 mg / mL) | X |  | 00:53 | 00:55 | 02:00 | 01:00 | n/a |  |  |  |  |
| **magnesium [1 Gm]** | X | X | gram | 1 | 1.2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 01:00 | 00:30 | n/a |  |  |  |  |
| **mannitol [CI]** | X | X | gram | 6.25 | 50 |  | --- gram / --- mL | X |  | 00:30 | 01:00 | 02:00 |  | No |  |  |  | Filter |
| **mannitol 20%** | X | X | gram | 12.5 | 99 |  | 50 gram / 250 mL (0.2 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **meropenem** | X | X | gram | 0.5 | 2 |  | 0.5 gram / 100 mL (0.005 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 01:50 | 01:55 | 02:10 | 02:00 | n/a |  |  |  |
| **meropenem/vaborbact** | X | X | gram | 1 | 4 | 4.1 | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  | LASA |
| 2 gram / 250 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| 4 gram / 500 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| **mesna** | X | X | mg | 500 | 15,000 |  | --- mg / --- mL | X |  |  | 00:05 | 24:00 |  | No |  |  |  |  |
| **methadone** | X | X | mg | 1 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **methylPRED [spin LD]** | X | X | mg | 125 | 5,000 | 7,000 | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | No |  |  |  |  |
| **methylPREDNISolone** | X | X | mg | 125.1 | 1,000 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 01:00 | 00:15 | No |  |  |  |  |
| **metoprolol** | X | X | mg | 1.25 | 10 | 20 | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **metroNIDAZOLE** | X | X | mg | 125 | 1,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| **multivitamin 12** | X | X | unit | 1 | 2 | 4 | --- unit / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  |  |
| **mycophenolate** | X | X | mg | 500 | 1,500 |  | 1,000 mg / 150 mL (6.6667 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  | Hazardous Drug |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 01:50 | 03:00 | 02:00 | mg/mL | 6 | 6.1 | 7 |
| **nafcillin** | X | X | gram | 0.9 | 2.1 | 2.2 | 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |
| **nalbuphine** | X | X | mg | 2.5 | 10 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **octreotide [II]** | X | X | mcg | 25 | 200 |  | --- mcg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | No |  |  |  |  |
| **omadacylcine** | X | X | mg | 100 | 200 | 201 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:28 | 01:00 | 00:30 | n/a |  |  |  | Dedicated IV Line |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **ondansetron** | X | X | mg | 12.1 | 32 |  | --- mg / --- mL | X |  |  | 00:02 | 00:15 | 00:05 | No |  |  |  |  |
| **oritavancin** | X | X | gram | 1 | 1.2 | 1.4 | 1.2 gram / 1,000 mL (0.0012 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |  |
| **oxacillin** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **pamidronate** | X | X | mg | 30 | 90 |  | 30 mg / 500 mL (0.06 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |  |
| 60 mg / 500 mL (0.12 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| 90 mg / 500 mL (0.18 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 01:48 | 03:00 | 04:30 | 04:00 | No |  |  |  |
| **pantoprazole [II]** | X | X | mg | 79 | 81 | 82 | 80 mg / 100 mL (0.8 mg / mL) | X |  |  | 00:13 | 00:20 | 00:15 | n/a |  |  |  |  |
| **penicillin** | X | X | unit | 1 | 6 |  | 1 unit / 50 mL (0.02 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  | 1 unit= 1 million un |
| 2 unit / 50 mL (0.04 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3 unit / 50 mL (0.06 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4 unit / 50 mL (0.08 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 5 unit / 50 mL (0.1 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| --- unit / --- mL | X |  |  | 00:25 | 01:00 | 00:30 | No |  |  |  |
| **pentamidine** | X | X | mg | 150 | 600 |  | --- mg / --- mL | X |  | 00:53 | 00:54 | 01:30 | 01:00 | mg/mL |  | 1 | 6 |  |
| **peramivir** | X | X | mg | 15 | 600 | 601 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| 600 mg / 100 mL (6 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 00:14 | 01:00 | 00:30 | mg/mL | 0.15 |  | 6 |
| **PHENobarbital**  ***Loading Dose*** | X | X | mg | 200 | 500 | 1,000 | --- mg / --- mL | X |  | 00:13 | 00:14 | 01:00 | 00:15 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg | 25 | 200 |  | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg/kg | 1 | 3 | 1,000 | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **phenytoin**  ***Loading Dose*** | X | X | mg | 50 | 1,000 | 2,000 | --- mg / --- mL | X |  |  | 00:40 | 01:30 | 00:45 | No |  |  |  | Filter |
| **phenytoin**  ***Maintenance Dose*** | X | X | mg | 50 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 02:00 | 00:30 | No |  |  |  | Filter |
| **phytonadione** | X | X | mg | 0.5 | 5 | 10 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:45 | 00:30 | No |  |  |  |  |
| **piperacillin/tazo** | X | X | gram | 0.75 | 4.5 |  | 0.75 gram / 50 mL (0.015 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2.25 gram / 50 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 2.25 gram / 100 mL (0.0225 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3.37 gram / 100 mL (0.0337 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4.5 gram / 100 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **Plazomicin** | X | X | mg | 125 | 2,250 |  | --- mg / --- mL | X |  |  | 00:27 | 02:00 | 00:30 | mg/mL | 2.4 | 2.5 | 45 |  |
| **posaconazole** | X | X | mg | 299 | 300 | 301 | 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:30 | 02:30 | 01:30 | n/a |  |  |  | 0.22 micron filter |
| **potassium chloride**  ***Central*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:29 | 01:00 | 03:00 | 01:00 | n/a |  |  |  |
| **potassium chloride**  ***Peripheral*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:53 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| **potassium PHOSphate** | X | X | mmol | 5 | 15 | 16 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **prochlorperazine** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **promethazine** | X | X | mg | 6 | 12.5 | 25 | 6.25 mg / 50 mL (0.125 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  | Extravasation |
| 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| **protamine sulfate** | X | X | mg | 1 | 50 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **pyridoxine** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **remdesivir** | X |  | mg | 100 | 200 |  | 100 mg / 250 mL (0.4 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **rIfAMPin** | X | X | mg | 300 | 600 |  | --- mg / --- mL | X |  |  | 02:30 | 04:00 | 03:00 | No |  |  |  |  |
| **sarilumab** | X | X | mg | 399 | 400 | 401 | 400 mg / 100 mL (4 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **sodium phosphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **sodium thiosulfate** | X | X | gram | 12.4 | 26 |  | 25 gram / 200 mL (0.125 gram / mL) | X |  | 00:54 | 00:55 | 01:10 | 01:00 | n/a |  |  |  |  |
| --- gram / --- mL | X |  | 00:54 | 00:55 | 01:10 | 01:00 | No |  |  |  |
| **sotrovimab** | X | X | mg | 499 | 501 | 502 | 500 mg / 108 mL (4.6296 mg / mL) | X |  | 00:25 | 00:28 | 02:00 | 00:30 | n/a |  |  |  | 0.22 micron filter |
| **tacrolimus** | X | X | mg | 0.5 | 5 | 7.5 | --- mg / --- mL | X |  | 03:50 | 03:55 | 24:10 | 24:00 | mg/mL | 0.004 | 0.005 | 0.02 | Hazardous Drug |
| **tedizolid** | X | X | mg | 199 | 200 | 201 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **theophylline [II]** | X | X | mg | 125 | 500 |  | --- mg / --- mL | X |  | 00:15 | 00:18 | 00:30 | 00:20 | No |  |  |  |  |
| **thiamine** | X | X | mg | 50 | 500 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| **thiamine [w/Folic A]** | X | X | mg | 50 | 100 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| **tigecycline** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tobramycin** | X | X | mg | 40 | 500 | 800 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tocilizumab** | X | X | mg | 200 | 1,500 |  | --- mg / --- mL | X |  |  | 00:50 | 02:00 | 01:00 | No |  |  |  |  |
| **tranexamic** | X | X | mg | 1 | 2,001 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |
| **valproate sodium** | X | X | mg | 125 | 1,000 | 1,001 | --- mg / --- mL | X |  | 00:54 | 00:55 | 02:00 | 01:00 | No |  |  |  |  |
| **vancomycin** | X | X | mg | 500 | 3,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,000 mg / 200 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,250 mg / 250 mL (5 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,750 mg / 250 mL (7 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 2,000 mg / 250 mL (8 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,250 mg / 250 mL (9 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,500 mg / 250 mL (10 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 3,000 mg / 500 mL (6 mg / mL) | X |  |  | 02:50 | 03:30 | 03:00 | n/a |  |  |  |
| **voriconazole** | X | X | mg | 100 | 900 |  | --- mg / --- mL | X |  |  | 01:30 | 02:10 |  | No |  |  |  |  |
| **zoledronic [Zometa]** | X | X | mg | 3 | 4 |  | 3 mg / 100 mL (0.03 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |  |
| 3.3 mg / 100 mL (0.033 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 3.5 mg / 100 mL (0.035 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 4 mg / 100 mL (0.04 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |

### Fluids

| **Fluids - Med/Surg** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X |  | 1 | 999 |  |  |
| **..Bolus Fluid** | Yes | X |  | 99 | 999 |  |  |
| **..Flush Fluid** | Yes | X |  | 10 | 501 |  |  |
| **..KVO Fluid** | Yes | X |  | 0.1 | 31 |  |  |
| **.IVF + Additive** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + KCL 10mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 20mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 30mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 40mEq/L** | Yes | X |  | 1 | 250 | 501 |  |
| **.IVF + KCL 80mEq/L** | Yes | X |  | 1 | 125 | 250 |  |
| **.IVF + Sodium Acetat** | Yes | X | X | 10 | 250 | 500 |  |
| **.IVF + Sodium Bicarb** | Yes | X | X | 10 | 250 | 500 |  |
| **Blood (PRBCs)** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **Blood (whole)** | No | X |  | 0.1 | 999 |  | Dedicated IV Line |
| **Blood Product** | Yes | X |  | 74 | 301 |  |  |
| **Dextran-40** | Yes | X |  | 25 | 100 |  |  |
| **Dextrose 10%** | Yes | X |  | 5 | 150 |  |  |
| **Fresh Frozen Plasma** | Yes | X |  | 199 | 301 |  |  |
| **Hetastarch 6 %** | Yes | X |  | 10 | 500 | 999 |  |
| **Lipid Emulsion 10%** | Yes | X |  | 5 | 50 |  | Lipids |
| **Lipid Emulsion 20%** | Yes | X |  | 5 | 30 |  | Lipids |
| **Platelets** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **PPN** | Yes | X |  | 15 | 200 |  | PPN |
| **Saline Flush 10 mL** | Yes | X |  | 1 | 500 |  |  |
| **TPN** | Yes | X |  | 10 | 150 |  | TPN |
| **TPN-Cyclic** | Yes | X |  | 15 | 175 |  | TPN |

### PCA Drugs

| **PCA Drugs - Med/Surg** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  mL Only | | | | | | | | |
| **deferoxamine [SC]** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a |  |  | |  |  | | **Dosing Units**  ml | |
| Continuous Dose / h | n/a | 0.83 | 1.25 | |  | 0.83 | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) |  |  |  | | n/a |  | | **Clinical Advisory Name** | |
| Max Acc. Dose Range / 1 h | n/a | 0.83 | 1.25 | |  | 0.83 | |

| **PCA Drugs - Med/Surg** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **HYDROmor PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 10 | | 12 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.2 | 15 | | 30 |  | |

| **PCA Drugs - Med/Surg** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  10 mg / 50 mL (0.2 mg / mL) | | | | | | | | |
| **HYDROmor PCA0.2mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.05 | 1 | | 2 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.1 | 2 | | 3 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 0.6 | 3 | | 4.4 |  | |

| **PCA Drugs - Med/Surg** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **Morphine PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 5 | | 10 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.25 | 15 | | 22 |  | |

| **PCA Drugs - Med/Surg** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  250 mg / 50 mL (5 mg / mL) | | | | | | | | |
| **Morphine PCA 5 mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 1 | 25 | | 30 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 1 | 50 | | 100 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 6 | 65 | | 100 |  | |

## NICU

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - NICU** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **alprostadil**  500 mcg / 50 mL (10 mcg / mL)  --- mcg / --- mL | X  X | X  X | YES | **Continuous**  mcg/kg/min | 0.04 | 0.15 | 0.4 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **DOBUTamine**  1,000 mcg / 1 mL (1,000 mcg / mL)  2,000 mcg / 1 mL (2,000 mcg / mL)  4,000 mcg / 1 mL (4,000 mcg / mL) | X  X  X | X  X  X | N/A | **Continuous**  mcg/kg/min | 1 | 20 | 30 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **DOPamine**  400 mcg / 1 mL (400 mcg / mL)  800 mcg / 1 mL (800 mcg / mL)  1,600 mcg / 1 mL (1,600 mcg / mL)  3,200 mcg / 1 mL (3,200 mcg / mL) | X  X  X  X | X  X  X  X | N/A | **Continuous**  mcg/kg/min | 1 | 20 | 30 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **EPINEPHrine**  16 mcg / 1 mL (16 mcg / mL)  32 mcg / 1 mL (32 mcg / mL)  64 mcg / 1 mL (64 mcg / mL) | X  X  X | X  X  X | N/A | **Continuous**  mcg/kg/min | 0.05 | 1 | 1.5 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **fentaNYL**  4 mcg / 1 mL (4 mcg / mL)  12.5 mcg / 1 mL (12.5 mcg / mL) | X  X | X  X | N/A | **Continuous**  mcg/kg/h  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.25 | 5 | 10 |  | 0.25 | 3 | 4 |  | 0.4 | 8.3 |  |  | Double Check by 2 RN |
| **glucagon**  8 mg / 100 mL (0.08 mg / mL) | X | X | N/A | **Continuous**  mcg/kg/h | 8 | 20 | 30 | 10 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **insulin**  5 unit / 50 mL (0.1 unit / mL)  --- unit / --- mL | X  X | X  X | YES | **Continuous**  unit/kg/h | 0.005 | 0.11 | 0.2 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ketamine**  50 mg / 50 mL (1 mg / mL) | X | X | N/A | **Continuous**  mg/kg/min  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.02 | 0.03 |  |  | 0.05 | 1 |  |  | 0.001 | 0.02 |  |  | Double Check by 2 RN |
| **midazolam**  0.1 mg / 1 mL (0.1 mg / mL)  0.2 mg / 1 mL (0.2 mg / mL) | X  X | X  X | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.005 | 0.075 | 0.1 |  | 0.025 | 0.2 |  |  | 0.001 | 0.04 |  |  | Double Check by 2 RN |
| **milrinone**  75 mcg / 1 mL (75 mcg / mL)  200 mcg / 1 mL (200 mcg / mL) | X  X | X  X | N/A | **Continuous**  mcg/kg/min  **Bolus Dose**  mcg/kg  **Bolus Admin Rate**  mcg/kg/min | 0.1 | 0.75 | 1.3 |  | 20 | 150 |  |  | 0.6 | 14 |  |  | Double Check by 2 RN |
| **octreotide**  400 mcg / 40 mL (10 mcg / mL) | X | X | N/A | **Continuous**  mcg/kg/h | 0.3 | 7 | 10.5 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **sildenafil**  5 mg / 50 mL (0.1 mg / mL) | X | X | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.04 | 0.07 | 0.12 |  | 0.3 | 0.4 |  |  | 0.002 | 0.004 |  |  | Double Check by 2 RN |
| **vecuronium**  0.2 mg / 1 mL (0.2 mg / mL)  --- mg / --- mL | X  X | X  X | YES | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.03 | 0.09 | 0.15 |  | 0.025 | 0.3 |  |  | 0.001 | 9,999 |  |  | Double Check by 2 RN |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - NICU** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **alprostadil**  WeightBased | X | X | mcg/mL | 2 | 5 | 10 |
| **insulin**  WeightBased | X | X | unit/mL | 0.01 |  | 0.11 |
| **vecuronium**  WeightBased | X | X | mg/mL | 0.08 |  | 0.3 |

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - NICU** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **acetaminophen** | X |  | mg/kg | 7 | 17 | 20 | --- mg / --- mL | X | X | 00:10 | 00:15 | 00:30 | 00:15 | mg/mL | 7 | 8 | 11 |  |
| **acyclovir** | X |  | mg/kg | 4 | 25 | 30 | --- mg / --- mL | X | X | 00:40 | 00:50 | 01:30 | 01:00 | mg/mL |  | 4 | 8 |  |
| **albumin 25%** | X |  | gram/kg | 0.2 | 1.5 | 2 | --- gram / --- mL | X | X |  | 00:20 | 06:30 |  | gram/mL |  | 0.24 | 0.26 | Filter |
| **albumin 5%** | X |  | gram/kg | 0.2 | 1.5 | 2 | --- gram / --- mL | X | X |  | 00:20 | 06:30 |  | gram/mL |  | 0.04 | 0.06 | Filter |
| **amikacin** | X |  | mg/kg | 4 | 25 |  | --- mg / --- mL | X | X | 00:20 | 00:25 | 02:15 | 00:30 | mg/mL |  | 9 | 11 |  |
| **ampho B (liposomal)** | X |  | mg/kg | 2.5 | 11.5 |  | --- mg / --- mL | X | X | 00:40 | 00:50 | 03:10 | 02:00 | mg/mL |  | 0.8 | 1.2 | Saline Incompatible |
| **amphotericin B** | X |  | mg/kg | 0.2 | 1.6 |  | --- mg / --- mL | X | X | 01:00 | 01:50 | 06:30 |  | mg/mL |  | 0.05 | 0.15 | Saline Incompatible |
| **ampicillin** | X |  | mg/kg | 15 | 100 | 120 | --- mg / --- mL | X | X | 00:03 | 00:08 | 01:30 | 00:15 | mg/mL |  | 20 | 120 |  |
| **ampicillin/sulbact** | X |  | mg/kg | 30 | 180 |  | --- mg / --- mL | X | X |  | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 50 |  |
| **azithromycin** | X |  | mg/kg | 4 | 12 | 25 | --- mg / --- mL | X | X | 00:40 | 00:50 | 03:00 | 01:00 | mg/mL |  | 0.9 | 2.2 |  |
| **bumetanide [IVPB]** | X |  | mg/kg | 0.003 | 0.12 |  | --- mg / --- mL | X | X |  | 00:01 | 00:10 | 00:05 | mg/mL |  | 0.03 | 0.12 |  |
| **caffeine citrate**  ***Loading Dose*** | X |  | mg/kg | 8 | 24 | 40 | --- mg / --- mL |  | X | 00:10 | 00:15 | 01:00 | 00:30 | mg/mL |  | 4 | 21 |  |
| **caffeine citrate**  ***Maintenance Dose*** | X |  | mg/kg | 4 | 12 | 20 | --- mg / --- mL |  | X | 00:01 | 00:03 | 01:00 | 00:10 | mg/mL |  | 4 | 21 |  |
| **calcium gluconate** | X |  | mg/kg | 45 | 220 | 250 | --- mg / --- mL | X | X |  | 00:08 | 02:00 | 00:30 | mg/mL |  | 15 | 105 | Calcium/Ceftriaxone |
| **caspoFUNGIN** | X | X | mg/m2 | 20 | 25 | 30 | --- mg / --- mL | X | X | 00:45 | 01:00 | 01:30 |  | mg/mL |  | 0.4 | 0.5 | Dextrose Only |
| **ceFAZolin** | X |  | mg/kg | 10 | 30 | 65 | --- mg / --- mL | X | X | 00:02 | 00:03 | 01:30 | 00:15 | mg/mL |  | 20 | 60 |  |
| **cefepime** | X |  | mg/kg | 25 | 90 |  | --- mg / --- mL | X | X | 00:08 | 00:15 | 02:00 | 00:30 | mg/mL |  | 30 | 50 |  |
| **cefotaxime** | X |  | mg/kg | 21 | 115 |  | --- mg / --- mL | X | X | 00:02 | 00:03 | 01:00 | 00:30 | mg/mL |  | 20 | 60 |  |
| **cefTAZidime** | X |  | mg/kg | 25 | 60 |  | --- mg / --- mL | X | X | 00:02 | 00:05 | 01:00 | 00:30 | mg/mL |  | 40 | 60 |  |
| **cefuroxime** | X |  | mg/kg | 20 | 80 |  | --- mg / --- mL | X | X | 00:02 | 00:05 | 01:00 | 00:30 | mg/mL |  | 20 | 50 |  |
| **chlorothiazide** | X |  | mg/kg | 0.5 | 10 | 22 | --- mg / --- mL | X | X | 00:02 | 00:03 | 01:00 |  | mg/mL |  | 1 | 30 |  |
| **ciprofloxacin** | X |  | mg/kg | 3 | 22 |  | --- mg / --- mL | X | X |  | 00:50 | 01:10 | 01:00 | mg/mL |  | 1.5 | 2.5 |  |
| **clindamycin** | X |  | mg/kg | 4 | 12 | 15 | --- mg / --- mL | X | X | 00:06 | 00:08 | 01:10 | 00:30 | mg/mL |  | 11 | 13 |  |
| **cosyntropin** | X |  | mcg/kg | 0.1 | 15 |  | --- mcg / --- mL | X | X | 00:01 | 00:05 | 00:15 |  | mcg/mL |  | 0.4 | 5 |  |
| **dexamethasone** | X |  | mg/kg | 0.005 | 0.75 | 2.2 | --- mg / --- mL | X | X | 00:01 | 00:05 | 01:00 | 00:15 | mg/mL |  | 0.1 | 0.5 |  |
| **digoxin**  ***Loading Dose*** | X |  | mcg/kg | 3.5 | 20 | 25 | --- mcg / --- mL | X | X | 00:02 | 00:05 | 01:00 | 00:15 | mcg/mL | 2 | 2.4 | 3 | Double Check by 2 RN |
| **digoxin**  ***Maintenance Dose*** | X |  | mcg/kg | 1 | 5 | 10 | --- mcg / --- mL | X | X | 00:02 | 00:03 | 01:00 | 00:15 | mcg/mL | 2 | 2.4 | 3 | Double Check by 2 RN |
| **erythromycin** | X |  | mg/kg | 0.5 | 15 | 25 | --- mg / --- mL | X | X | 00:15 | 00:20 | 01:30 | 01:00 | mg/mL |  | 1.5 | 3.5 |  |
| **famotidine** | X |  | mg/kg | 0.2 | 1.5 | 2 | --- mg / --- mL | X | X | 00:02 | 00:05 | 01:00 | 00:15 | mg/mL | 0.1 | 0.5 | 1.5 |  |
| **fentaNYL Intermitent** | X |  | mcg/kg | 0.5 | 3 | 4 | --- mcg / --- mL | X | X | 00:05 | 00:06 | 00:15 | 00:10 | mcg/mL |  | 0.1 | 6 | Double Check by 2 RN |
| **filgrastim** | X |  | mcg/kg | 4 | 12 | 20 | --- mcg / --- mL | X | X | 00:05 | 00:10 | 01:10 | 00:15 | mcg/mL |  | 2.5 | 30 |  |
| **fluconazole**  ***Loading Dose*** | X |  | mg/kg | 10 | 27 | 30 | --- mg / --- mL | X | X | 00:20 | 00:25 | 03:00 | 00:30 | mg/mL |  | 1 | 3 |  |
| **fluconazole**  ***Maintenance Dose*** | X |  | mg/kg | 2.5 | 12.5 |  | --- mg / --- mL | X | X | 00:20 | 00:25 | 03:00 | 00:30 | mg/mL |  | 1 | 3 |  |
| **fosphenytoin**  ***Loading Dose*** | X |  | mg/kg | 9 | 22 | 25 | --- mg / --- mL | X | X | 00:03 | 00:10 | 01:30 | 00:30 | mg/mL |  | 5 | 26 | Double Check by 2 RN |
| **fosphenytoin**  ***Maintenance Dose*** | X |  | mg/kg | 1 | 5 | 9 | --- mg / --- mL | X | X | 00:01 | 00:02 | 01:30 | 00:30 | mg/mL |  | 1 | 26 | Double Check by 2 RN |
| **furosemide[II]** | X |  | mg/kg | 0.2 | 2.4 | 3 | --- mg / --- mL | X | X | 00:02 | 00:04 | 00:45 | 00:15 | mg/mL |  | 1 | 2.5 |  |
| **ganciclovir** | X |  | mg/kg | 5 | 7 |  | --- mg / --- mL | X | X | 00:40 | 00:50 | 01:30 | 01:00 | mg/mL | 3 | 4 | 6 |  |
| **gentamicin** | X |  | mg/kg | 0.5 | 6 |  | --- mg / --- mL | X | X | 00:20 | 00:25 | 01:15 | 00:30 | mg/mL |  | 1.5 | 2.5 |  |
| **glycopyrrolate** | X |  | mcg/kg | 2 | 12 | 15 | --- mcg / --- mL | X | X | 00:10 | 00:15 | 01:00 | 00:20 | mcg/mL |  | 3 | 25 |  |
| **hydrALAZINE** | X |  | mg/kg | 0.4 | 2 | 2.1 | --- mg / --- mL | X | X | 00:01 | 00:05 | 00:30 | 00:10 | mg/mL | 0.5 | 0.8 | 1.2 |  |
| **hydrocortisone** | X |  | mg/m2 | 0.05 | 20 | 55 | --- mg / --- mL | X | X | 00:01 | 00:02 | 00:45 | 00:30 | mg/mL | 0.5 |  | 10 |  |
| **ibuprofen lysine** | X |  | mg/kg | 4 | 11 | 13 | --- mg / --- mL | X | X | 00:10 | 00:15 | 00:30 | 00:15 | mg/mL | 1 | 2 | 6 |  |
| **immune glob (IVIG)** | X | X | gram/kg | 0.4 | 2 |  | --- gram / --- mL | X | X |  | 01:20 | 60:00 |  | gram/mL |  | 0.05 | 0.1 | Protocol IVIG |
| **indomethacin** | X |  | mg/kg | 0.05 | 0.45 |  | --- mg / --- mL | X | X | 00:10 | 00:15 | 02:00 | 00:30 | mg/mL |  | 0.08 | 0.2 | UAC |
| **levETIRAcetam** | X |  | mg/kg | 5 | 10 |  | --- mg / --- mL | X | X | 00:15 | 00:20 | 01:00 |  | mg/mL | 4 | 5 | 15 |  |
| **levoFLOXacin** | X |  | mg/kg | 8 | 12 |  | --- mg / --- mL | X | X |  | 00:50 | 02:30 | 01:00 | mg/mL |  | 1 | 6 |  |
| **linezolid** | X |  | mg/kg | 9 | 11 | 12 | --- mg / --- mL | X | X | 00:20 | 00:25 | 02:30 | 01:00 | mg/mL | 1.8 | 1.9 | 2.1 |  |
| **meropenem** | X |  | mg/kg | 8 | 46 | 50 | --- mg / --- mL | X | X | 00:03 | 00:05 | 01:00 | 00:30 | mg/mL |  | 9 | 11 |  |
| **methylPREDNISolone** | X |  | mg/kg | 0.25 | 3 | 20 | --- mg / --- mL | X | X | 00:03 | 00:14 | 01:00 | 00:15 | mg/mL |  | 1.5 | 2.5 |  |
| **metoclopramide** | X |  | mg/kg | 0.02 | 0.23 | 3 | --- mg / --- mL | X | X | 00:08 | 00:10 | 01:00 | 00:15 | mg/mL |  | 0.05 | 2 |  |
| **metroNIDAZOLE** | X |  | mg/kg | 5.5 | 18 | 25 | --- mg / --- mL | X | X | 00:25 | 00:50 | 03:00 | 01:00 | mg/mL |  | 4 | 6 |  |
| **midazolam interm** | X |  | mg/kg | 0.02 | 0.2 | 0.5 | --- mg / --- mL | X | X | 00:02 | 00:04 | 00:15 | 00:10 | mg/mL |  | 0.001 | 5 | Double Check by 2 RN |
| **morphine** | X |  | mg/kg | 0.01 | 0.25 |  | --- mg / --- mL | X | X |  | 00:04 | 00:40 | 00:10 | mg/mL |  | 0.01 | 5.1 | Double Check by 2 RN |
| **oxacillin** | X |  | mg/kg | 10.6 | 60 | 100 | --- mg / --- mL | X | X | 00:03 | 00:08 | 02:00 | 00:15 | mg/mL |  | 20 | 30 |  |
| **penicillin** | X |  | unit/kg | 0.025 | 0.1 | 0.25 | --- unit / --- mL | X | X | 00:13 | 00:15 | 01:00 | 00:30 | unit/mL | 0.05 | 0.08 | 0.15 | 1 unit= 1 million un |
| **PHENobarbital**  ***Loading Dose*** | X |  | mg/kg | 5 | 25 | 40 | --- mg / --- mL | X | X | 00:05 | 00:08 | 02:00 | 00:10 | mg/mL |  | 0.2 | 135 | Double Check by 2 RN |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg/kg | 0.5 | 6 | 8 | --- mg / --- mL | X | X | 00:03 | 00:05 | 02:00 | 00:15 | mg/mL |  | 0.2 | 135 | Double Check by 2 RN |
| **phenytoin**  ***Loading Dose*** | X | X | mg/kg | 9 | 22 | 25 | --- mg / --- mL | X | X | 00:15 | 00:20 | 02:00 | 00:30 | mg/mL |  | 1 | 55 | Filter 2nd RN |
| **phenytoin**  ***Maintenance Dose*** | X |  | mg/kg | 1 | 9 | 15 | --- mg / --- mL | X | X | 00:02 | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 55 | Filter 2nd RN |
| **phytonadione** | X |  | mg/kg | 0.4 | 2.2 | 10.5 | --- mg / --- mL | X | X | 00:02 | 00:10 | 01:00 |  | mg/mL |  | 0.01 | 10 |  |
| **piperacillin/tazo** | X |  | mg/kg | 50 | 100 |  | --- mg / --- mL | X | X | 00:30 | 01:00 | 01:30 |  | mg/mL | 5 | 20 | 25 |  |
| **propranolol** | X |  | mg/kg | 0.01 | 0.15 |  | --- mg / --- mL | X | X | 00:10 | 00:30 | 01:00 |  | mg/mL | 0.05 | 0.1 | 1 |  |
| **protamine sulfate** | X |  | mg | 0.2 | 50 |  | --- mg / --- mL | X | X |  | 00:08 | 01:00 |  | mg/mL |  | 0.1 | 10 |  |
| **rIfAMPin** | X |  | mg/kg | 2 | 22 | 30 | --- mg / --- mL | X | X | 00:20 | 00:25 | 03:30 | 00:30 | mg/mL |  | 5 | 7 |  |
| **sodium bicarbonate** | X |  | mEq/kg | 0.4 | 2.2 |  | --- mEq / --- mL | X | X |  | 00:15 | 00:40 | 00:30 | mEq/mL |  | 0.4 | 0.6 | UAC |
| **tobramycin** | X |  | mg/kg | 0.4 | 6 | 12 | --- mg / --- mL | X | X | 00:15 | 00:25 | 01:30 | 00:30 | mg/mL |  | 1.5 | 3 |  |
| **vancomycin** | X |  | mg/kg | 5 | 25 |  | --- mg / --- mL | X | X | 00:40 | 00:50 | 04:30 | 01:30 | mg/mL |  | 3 | 5 |  |
| **zidovudine** | X |  | mg/kg | 0.5 | 2.3 |  | --- mg / --- mL | X | X | 00:25 | 00:30 | 02:00 | 01:00 | mg/mL |  | 1.5 | 2.5 |  |

### Fluids

| **Fluids - NICU** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **1/2 NS arterial line** | Yes | X | X | 0.5 | 3 | 5 |  |
| **Blood (RBCs)** | No | X | X | 0.1 | 50 | 70 |  |
| **Fluid Bolus**  ***0.4 - 0.75 kg*** | Yes | X | X | 0.1 | 4 | 90 |  |
| **Fluid Bolus**  ***0.76 - 1.5 kg*** | Yes | X | X | 0.1 | 8 | 180 |  |
| **Fluid Bolus**  ***1.6 - 3 kg*** | Yes | X | X | 0.1 | 16 | 300 |  |
| **Fluid Bolus**  ***3 kg or greater*** | Yes | X | X | 0.1 | 30 | 300 |  |
| **Fresh Frozen Plasma** | Yes | X | X | 0.1 | 50 |  |  |
| **Lipid Emulsion 20%**  ***0.4 - 0.75 kg*** | Yes | X | X | 0.1 | 0.5 | 0.7 | Double Check by 2 RN |
| **Lipid Emulsion 20%**  ***0.76 - 1.5 kg*** | Yes | X | X | 0.1 | 1 | 1.6 | Double Check by 2 RN |
| **Lipid Emulsion 20%**  ***1.6 - 3 kg*** | Yes | X | X | 0.1 | 2 | 3 | Double Check by 2 RN |
| **Lipid Emulsion 20%**  ***3 kg or greater*** | Yes | X | X | 0.1 | 4.5 | 7 | Double Check by 2 RN |
| **Maintenance Fluid**  ***0.4 - 0.75 kg*** | Yes | X | X | 0.1 | 5.7 | 7 |  |
| **Maintenance Fluid**  ***0.76 - 1.5 kg*** | Yes | X | X | 0.1 | 12 | 14 |  |
| **Maintenance Fluid**  ***1.6 - 3 kg*** | Yes | X | X | 0.1 | 23 | 27 |  |
| **Maintenance Fluid**  ***3 kg or greater*** | Yes | X | X | 0.1 | 53 | 63 |  |
| **Platelets** | Yes | X | X | 0.1 | 50 |  |  |
| **TPN**  ***0.4 - 0.75 kg*** | Yes | X | X | 0.1 | 5.7 | 7 | Filter 2nd RN |
| **TPN**  ***0.76 - 1.5 kg*** | Yes | X | X | 0.1 | 12 | 14 | Filter 2nd RN |
| **TPN**  ***1.6 - 3 kg*** | Yes | X | X | 0.1 | 23 | 27 | Filter 2nd RN |
| **TPN**  ***3 kg or greater*** | Yes | X | X | 0.1 | 53 | 63 | Filter 2nd RN |

### PCA Drugs

No drugs exist in this section.

## OB/LD

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - OB/LD** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **argatroban**  250 mg / 250 mL (1 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.1 |  | 10 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **bumetanide**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 0.25 | 2 | 4 |  |  |  |  |  |  |  |  |  | Protect from Light |
| **calcium gluc [CI]**  10 gram / 500 mL (0.02 gram / mL) | X |  | N/A | **Continuous**  mg/kg/h | 4 | 61 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [CI]**  0.5 gram / 500 mL (0.001 gram / mL)  1 gram / 500 mL (0.002 gram / mL)  1.5 gram / 500 mL (0.003 gram / mL)  2 gram / 500 mL (0.004 gram / mL)  2.5 gram / 500 mL (0.005 gram / mL)  3 gram / 500 mL (0.006 gram / mL) | X  X  X  X  X  X |  | N/A | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [SC]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **factor VIII (8)**  10 unit / 1 mL (10 unit / mL)  20 unit / 1 mL (20 unit / mL) | X  X |  | N/A | **Continuous**  unit/h | 10 | 800 | 1,000 |  |  |  |  |  |  |  |  |  |  |
| **furosemide**  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 1 | 60 |  |  |  |  |  |  |  |  |  |  | Protect from Light |
| **heparin**  ***\*\*\*High Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 35 |  | 18 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*\*Low Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 12 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*Stroke***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 10 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***Non-Weight Based***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/h | 200 | 3,000 |  | 500 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **hydrALAZINE [CI]**  100 mg / 500 mL (0.2 mg / mL) | X |  | N/A | **Continuous**  mcg/min | 50 | 400 |  |  |  |  |  |  |  |  |  |  | Monitoring required |
| **insulin**  100 unit / 100 mL (1 unit / mL) | X |  | N/A | **Continuous**  unit/h | 0.2 | 5 | 15 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **labetalol**  500 mg / 250 mL (2 mg / mL)  1,000 mg / 500 mL (2 mg / mL) | X  X |  | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 0.5 | 3 | 4 |  | 4 | 41 |  |  | 2 | 21 |  |  |  |
| **lidocaine**  2,000 mg / 500 mL (4 mg / mL) | X |  | N/A | **Continuous**  mg/min | 0.5 | 4 |  |  |  |  |  |  |  |  |  |  |  |
| **magnesium [maint]**  20 gram / 500 mL (0.04 gram / mL)  40 gram / 1,000 mL (0.04 gram / mL) | X  X |  | N/A | **Continuous**  gram/h | 0.5 | 3 | 4 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **naloxone**  4 mg / 250 mL (0.016 mg / mL) | X |  | N/A | **Continuous**  mg/h | 0.05 | 6.25 | 8 |  |  |  |  |  |  |  |  |  |  |
| **naloxone**  0.5 mg / 250 mL (0.002 mg / mL)  4 mg / 250 mL (0.016 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/h | 0.24 | 2.5 |  |  |  |  |  |  |  |  |  |  |  |
| **oxytocin induction**  30 unit / 500 mL (0.06 unit / mL) | X |  | N/A | **Continuous**  milliunit/min | 0.5 | 20 | 41 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **oxytocin p-hemorrhag**  30 unit / 500 mL (0.06 unit / mL) | X |  | N/A | **Continuous**  unit/h  **Bolus Dose**  unit  **Bolus Admin Rate**  unit/min | 4.8 | 5.3 | 5.5 | 5 | 9.9 | 10.1 |  | 10 | 0.8 | 1.2 | 1.5 | 1 | Double Check by 2 RN |
| **pantoprazole**  80 mg / 250 mL (0.32 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2 | 10 |  | 8 |  |  |  |  |  |  |  |  |  |
| **zidovudine [Bolus+CI**  400 mg / 100 mL (4 mg / mL) | X |  | N/A | **Continuous**  mg/kg/h  **Bolus Dose**  mg/kg  **Bolus Admin Rate**  mg/kg/min | 0.9 | 1 | 1.1 | 1 | 1.9 | 2 | 2.1 | 2 | 0.03 | 0.034 | 0.035 | 0.033 |  |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - OB/LD** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **bumetanide**  NonWeightBased | X |  | mg/mL | 0.01 |  | 0.26 |
| **deferoxamine [SC]**  NonWeightBased | X |  | mg/mL | 190 |  | 200 |

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - OB/LD** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **acetaminophen** | X | X | mg | 500 | 1,000 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 00:12 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:12 | 00:30 | 00:15 | No |  |  |  |
| **acyclovir** | X | X | mg/kg | 5 | 10 | 20 | --- mg / --- mL | X |  | 00:53 | 00:54 | 01:30 | 01:00 | mg/mL |  | 2.5 | 7 |  |
| **albumin 25% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 100 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |
| **albumin 5% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 250 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 500 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |
| **allopurinol** | X | X | mg | 100 | 400 | 600 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | mg/mL |  | 1 | 6 |  |
| **ampho B (LIPID)** | X | X | mg | 80 | 750 |  | --- mg / --- mL | X |  | 01:40 | 01:48 | 03:00 | 02:00 | No |  |  |  | LASA |
| **amphotericin B** | X | X | mg | 10 | 50 | 100 | --- mg / --- mL | X |  | 01:40 | 01:48 | 06:00 | 02:00 | No |  |  |  | LASA |
| **ampicillin** | X | X | gram | 0.5 | 2.1 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **ampicillin/sulbact** | X | X | gram | 1.5 | 3 |  | 1.5 gram / 100 mL (0.015 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **azaTHIOprine** | X | X | mg | 40 | 500 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  | Hazardous Drug |
| **azaTHIOprine** | X | X | mg/kg | 1 | 5 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  | Hazardous Drug |
| **azithromycin** | X | X | mg | 250 | 500 |  | 250 mg / 250 mL (1 mg / mL) | X |  |  | 02:54 | 03:30 | 03:00 | n/a |  |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| **aztreonam** | X | X | gram | 0.25 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **bactrim [SMX/TMP]** | X | X | mg | 40 | 480 |  | --- mg / --- mL | X |  |  | 01:00 | 02:00 |  | No |  |  |  |  |
| **bamlanivimab/etesevi** | X | X | mg | 2,099 | 2,101 | 2,102 | 2,100 mg / 310 mL (6.7742 mg / mL) | X |  | 00:55 | 00:58 | 24:00 |  | n/a |  |  |  | 0.22 micron filter |
| **bumetanide [IVPB]** | X | X | mg | 2.1 | 10 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 0.04 | 0.2 |  |
| **caffeine/sod benzoa** | X | X | mg | 30 | 500 |  | 500 mg / 1,000 mL (0.5 mg / mL) | X |  |  | 00:55 | 01:05 | 01:00 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 0.12 | 0.6 |
| **calcium gluconate** | X | X | gram | 0.5 | 1 | 2 | 1 gram / 50 mL (0.02 gram / mL) | X |  | 00:25 | 00:27 | 01:30 | 00:30 | n/a |  |  |  |  |
| **casirivimab/imdevima** | X | X | mg | 1,199 | 1,201 | 1,202 | 1,200 mg / 260 mL (4.6154 mg / mL) | X |  | 00:55 | 00:58 | 03:00 | 01:00 | n/a |  |  |  | 0.22 micron filter |
| **caspoFUNGIN** | X | X | mg | 35 | 70 | 71 | 35 mg / 250 mL (0.14 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 50 mg / 250 mL (0.2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 70 mg / 250 mL (0.28 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:53 | 00:54 | 02:00 | 01:00 | No |  |  |  |
| **ceFAZolin** | X | X | gram | 0.5 | 3 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 1.5 gram / 50 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cefepime** | X | X | gram | 0.5 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **cefotaxime** | X | X | mg | 500 | 2,000 |  | 500 mg / 50 mL (10 mg / mL) | X |  |  | 00:14 | 00:25 | 00:15 | n/a |  |  |  |  |
| 1,000 mg / 50 mL (20 mg / mL) | X |  |  | 00:14 | 00:25 | 00:15 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 00:20 | 00:35 | 00:30 | n/a |  |  |  |
| **cefOXitin** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cefTAZidime** | X | X | gram | 0.4 | 2.1 |  | 0.5 gram / 50 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **CefTAZidime/Avibacta** | X | X | gram | 0.93 | 2.51 |  | --- gram / --- mL | X |  |  | 01:50 | 02:10 | 02:00 | No |  |  |  | LASA |
| **ceftolazane/tazobact** | X | X | mg | 149 | 1,501 |  | 150 mg / 100 mL (1.5 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |  |
| 375 mg / 100 mL (3.75 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| **cefTRIAXone** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **cefuroxime** | X | X | mg | 750 | 1,500 |  | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **chlorproMAZINE** | X | X | mg | 12.5 | 50 |  | 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |
| 50 mg / 50 mL (1 mg / mL) | X |  | 00:40 | 00:45 | 01:00 | 00:50 | n/a |  |  |  |
| **ciprofloxacin** | X | X | mg | 200 | 400 |  | 200 mg / 100 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| **clindamycin** | X | X | mg | 150 | 900 |  | 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 900 mg / 50 mL (18 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **colistimethate** | X | X | mg | 50 | 500 |  | --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 1 | 10 |  |
| **conivaptan[load]** | X | X | mg | 10 | 20 |  | 20 mg / 100 mL (0.2 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| **copper** | X | X | mg | 0.2 | 4.1 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 04:10 | 03:00 | No |  |  |  |  |
| **cycloSPORINE** | X | X | mg | 40 | 750 |  | --- mg / --- mL | X |  | 01:00 | 01:40 | 06:00 | 02:00 | No |  |  |  | Hazardous Drug |
| **DAPTOmycin** | X | X | mg | 100 | 1,200 | 2,000 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | No |  |  |  |  |
| **desmopressin** | X | X | mcg | 1 | 40 |  | --- mcg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **dexamethasone** | X | X | mg | 12.1 | 20 |  | --- mg / --- mL | X |  |  | 00:09 | 00:20 | 00:10 | mg/mL |  | 0.24 | 0.4 |  |
| **digoxin** | X | X | mg | 0.25 | 0.5 |  | --- mg / --- mL | X |  |  | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **dihydroergotamine** | X | X | mg | 0.5 | 1 |  | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | mg/mL |  | 1 | 2 |  |
| **diphenhydrAMINE** | X | X | mg | 12.5 | 50 |  | --- mg / --- mL | X |  |  | 00:15 | 00:20 | 00:15 | mg/mL |  | 0.5 | 1 |  |
| **doxyCYCLINE** | X | X | mg | 100 | 200 | 201 | 100 mg / 250 mL (0.4 mg / mL) | X |  | 01:45 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  | 01:45 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |
| **enalaprilat** | X | X | mg | 0.625 | 5 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **ertapenem** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| **erythromycin** | X | X | mg | 125 | 500 | 501 | 125 mg / 100 mL (1.25 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| **estrogen-uterine** | X | X | mg | 24 | 26 |  | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **ethacrynic acid** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | mg/mL |  | 0.5 | 2 |  |
| **factor IX** | X | X | unit | 400 | 9,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor IX** | X | X | unit/kg | 20 | 80 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIIa Novo[II]** | X | X | mcg | 400 | 9,999 |  | --- mcg / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIIa Novo[II]** | X | X | mcg/kg | 14 | 31 |  | --- mcg / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Huma** | X | X | unit/kg | 14 | 80 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **famotidine** | X | X | mg | 10 | 40 |  | 40 mg / 50 mL (0.8 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **feiba autoplex** | X | X | unit/kg | 25 | 100 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **fluconazole** | X | X | mg | 49 | 600 | 800 | 100 mg / 50 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 01:40 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |
| **folic acid** | X | X | mg | 0.1 | 1 |  | --- mg / --- mL | X |  |  | 00:15 | 00:30 |  | No |  |  |  |  |
| **furosemide[II]** | X | X | mg | 101 | 300 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 2 | 6 |  |
| **ganciclovir** | X | X | mg | 150 | 750 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 01:30 | 01:00 | mg/mL |  | 1 | 10 | Hazardous Drug |
| **gentamicin** | X | X | mg | 40 | 800 | 801 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | mg/mL |  | 0.8 | 16 |  |
| **glycopyrrolate** | X | X | mg | 0.1 | 0.2 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | mg/mL |  | 0.2 | 0.4 |  |
| **granisetron** | X | X | mg | 0.5 | 1 |  | 1 mg / 50 mL (0.02 mg / mL) | X |  |  | 00:09 | 00:30 | 00:10 | n/a |  |  |  |  |
| **haloperidol** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  |  | 00:20 | 00:45 | 00:30 | No |  |  |  |  |
| **hydrALAZINE** | X | X | mg | 1 | 20 |  | --- mg / --- mL | X |  |  | 00:10 | 00:25 | 00:15 | No |  |  |  |  |
| **idaruCIZUmab** | X | X | gram | 2.4 | 2.6 |  | 2.5 gram / 50 mL (0.05 gram / mL) | X |  |  | 00:05 | 00:12 | 00:10 | n/a |  |  |  |  |
| **immune glob (IVIG)** | X | X | gram | 2 | 99 | 150 | --- gram / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  | Hypersensitivity |
| **iron sucrose** | X | X | mg | 99 | 501 |  | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:13 | 00:30 | 00:15 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| 400 mg / 250 mL (1.6 mg / mL) | X |  |  | 02:15 | 03:00 | 02:30 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 03:25 | 04:10 | 03:30 | n/a |  |  |  |
| **isoniazid** | X | X | mg | 100 | 300 |  | --- mg / --- mL | X |  | 00:50 | 00:53 | 02:00 | 01:00 | No |  |  |  |  |
| **lacosamide** | X | X | mg | 49 | 401 |  | --- mg / --- mL | X |  |  | 00:25 | 01:05 | 00:30 | No |  |  |  |  |
| **leucovorin** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **levETIRAcetam** | X | X | mg | 250 | 1,500 | 4,501 | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 2.5 | 15 |  |
| **levoFLOXacin** | X | X | mg | 250 | 750 |  | 250 mg / 50 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| 750 mg / 150 mL (5 mg / mL) | X |  | 01:00 | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| **levothyroxine** | X | X | mcg | 12.5 | 250 |  | --- mcg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **linezolid** | X | X | mg | 300 | 600 |  | 600 mg / 300 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| **magnesium [2Gm-ICU]** | X | X | gram | 1.9 | 2.1 |  | 2 gram / 50 mL (0.04 gram / mL) | X |  | 00:08 | 00:09 | 00:11 | 00:10 | n/a |  |  |  | Double Check by 2 RN |
| **magnesium [4Gm load]** | X | X | gram | 2 | 4 | 4.1 | 4 gram / 100 mL (0.04 gram / mL) | X |  |  | 00:17 | 00:30 | 00:20 | n/a |  |  |  | Double Check by 2 RN |
| **magnesium [6Gm load]** | X | X | gram | 5.9 | 6 | 6.1 | 6 gram / 100 mL (0.06 gram / mL) | X |  |  | 00:25 | 00:35 | 00:30 | n/a |  |  |  | Double Check by 2 RN |
| **mannitol 20%** | X | X | gram | 12.5 | 99 |  | 50 gram / 250 mL (0.2 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **meropenem** | X | X | gram | 0.5 | 2 |  | 0.5 gram / 100 mL (0.005 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 01:50 | 01:55 | 02:10 | 02:00 | n/a |  |  |  |
| **methadone** | X | X | mg | 1 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **methyldopa** | X | X | mg | 250 | 500 |  | --- mg / --- mL | X |  | 00:53 | 00:54 | 01:30 | 01:00 | No |  |  |  |  |
| **methylPREDNISolone** | X | X | mg | 125.1 | 1,000 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **metoprolol** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **metroNIDAZOLE** | X | X | mg | 250 | 1,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| **multivitamin 12** | X | X | unit | 1 | 2 | 4 | --- unit / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  |  |
| **mycophenolate** | X | X | mg | 500 | 1,500 |  | 1,000 mg / 150 mL (6.6667 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  | Hazardous Drug |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 01:50 | 03:00 | 02:00 | No |  |  |  |
| **nafcillin** | X | X | gram | 0.9 | 2.1 | 2.2 | 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |
| **nalbuphine** | X | X | mg | 2.5 | 10 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **octreotide [II]** | X | X | mcg | 12.5 | 200 |  | --- mcg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | No |  |  |  |  |
| **ondansetron** | X | X | mg | 12.1 | 32 |  | --- mg / --- mL | X |  |  | 00:03 | 00:15 | 00:05 | No |  |  |  |  |
| **oxacillin** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **pamidronate** | X | X | mg | 30 | 90 |  | 60 mg / 500 mL (0.12 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |  |
| --- mg / --- mL | X |  | 01:48 | 03:00 | 04:30 | 04:00 | No |  |  |  |
| **pantoprazole [II]** | X | X | mg | 79 | 81 | 82 | 80 mg / 100 mL (0.8 mg / mL) | X |  |  | 00:13 | 00:20 | 00:15 | n/a |  |  |  |  |
| **penicillin** | X | X | unit | 1 | 6 |  | 1 unit / 50 mL (0.02 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  | 1 unit= 1 million un |
| 2 unit / 50 mL (0.04 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3 unit / 50 mL (0.06 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4 unit / 50 mL (0.08 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 5 unit / 50 mL (0.1 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| --- unit / --- mL | X |  |  | 00:25 | 01:00 | 00:30 | No |  |  |  |
| **pentamidine** | X | X | mg/kg | 4 |  | 4.5 | --- mg / --- mL | X |  | 00:53 | 00:54 | 01:30 | 01:00 | mg/mL |  | 1 | 6 |  |
| **PHENobarbital**  ***Loading Dose*** | X | X | mg | 200 | 500 | 1,000 | --- mg / --- mL | X |  | 00:12 | 00:14 | 01:00 | 00:15 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg | 25 | 200 |  | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg/kg | 1 | 3 |  | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **phenytoin**  ***Loading Dose*** | X | X | mg | 500 | 1,500 | 2,000 | --- mg / --- mL | X |  |  | 00:40 | 01:30 | 00:45 | No |  |  |  | Filter |
| **phenytoin**  ***Maintenance Dose*** | X | X | mg | 50 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 02:00 | 00:30 | No |  |  |  | Filter |
| **phytonadione** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:45 | 00:30 | No |  |  |  |  |
| **piperacillin/tazo** | X | X | gram | 0.75 | 4.5 |  | 0.75 gram / 50 mL (0.015 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2.25 gram / 50 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 2.25 gram / 100 mL (0.0225 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3.37 gram / 100 mL (0.0337 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4.5 gram / 100 mL (0.045 gram / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| **potassium chloride**  ***Central*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:29 | 01:00 | 03:00 | 01:00 | n/a |  |  |  |
| **potassium chloride**  ***Peripheral*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:53 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| **potassium PHOSphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **prochlorperazine** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **promethazine** | X | X | mg | 6.25 | 25 |  | 6.25 mg / 50 mL (0.125 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  | Extravasation |
| 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| **protamine sulfate** | X | X | mg | 1 | 50 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **pyridoxine** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **remdesivir** | X |  | mg | 100 | 200 |  | 100 mg / 250 mL (0.4 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **rIfAMPin** | X | X | mg | 300 | 600 |  | --- mg / --- mL | X |  |  | 02:30 | 04:00 | 03:00 | No |  |  |  |  |
| **sodium phosphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **sotrovimab** | X | X | mg | 499 | 501 | 502 | 500 mg / 108 mL (4.6296 mg / mL) | X |  | 00:25 | 00:28 | 02:00 | 00:30 | n/a |  |  |  | 0.22 micron filter |
| **thiamine** | X | X | mg | 50 | 500 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| **thiamine [w/Folic A]** | X | X | mg | 50 | 100 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| **tigecycline** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tobramycin** | X | X | mg | 40 | 500 | 800 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tocilizumab** | X | X | mg | 200 | 1,500 |  | --- mg / --- mL | X |  |  | 00:50 | 02:00 | 01:00 | No |  |  |  |  |
| **tranexamic** | X | X | mg | 1 | 2,001 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |
| **valproate sodium** | X | X | mg | 125 | 1,000 | 1,001 | --- mg / --- mL | X |  | 00:53 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **vancomycin** | X | X | mg | 500 | 3,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,000 mg / 200 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,250 mg / 250 mL (5 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,750 mg / 250 mL (7 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 2,000 mg / 250 mL (8 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,250 mg / 250 mL (9 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,500 mg / 250 mL (10 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 3,000 mg / 500 mL (6 mg / mL) | X |  |  | 02:50 | 03:30 | 03:00 | n/a |  |  |  |
| **voriconazole** | X | X | mg | 100 | 900 |  | --- mg / --- mL | X |  |  | 01:30 | 02:10 |  | No |  |  |  |  |

### Fluids

| **Fluids - OB/LD** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X |  | 1 | 999 |  |  |
| **..Bolus Fluid** | Yes | X |  | 99 | 999 |  |  |
| **..Flush Fluid** | Yes | X |  | 10 | 501 |  |  |
| **..KVO Fluid** | Yes | X |  | 0.1 | 31 |  |  |
| **.IVF + Additive** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + KCL 10mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 20mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 30mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 40mEq/L** | Yes | X |  | 1 | 250 | 501 |  |
| **.IVF + KCL 80mEq/L** | Yes | X |  | 1 | 125 | 250 |  |
| **.IVF + Sodium Acetat** | Yes | X | X | 10 | 250 | 500 |  |
| **.IVF + Sodium Bicarb** | Yes | X | X | 10 | 250 | 500 |  |
| **Blood (PRBCs)** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **Blood (whole)** | No | X |  | 0.1 | 999 |  | Dedicated IV Line |
| **Blood Product** | Yes | X |  | 0.1 | 999 |  |  |
| **Dextran-40** | Yes | X |  | 25 | 100 |  |  |
| **Dextrose 10%** | Yes | X |  | 5 | 150 |  |  |
| **Fresh Frozen Plasma** | Yes | X |  | 199 | 301 |  |  |
| **Hetastarch 6 %** | Yes | X |  | 10 | 500 | 999 |  |
| **Lipid Emulsion 10%** | Yes | X |  | 5 | 50 |  | Lipids |
| **Lipid Emulsion 20%** | Yes | X |  | 5 | 30 |  | Lipids |
| **Platelets** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **PPN** | Yes | X |  | 15 | 200 |  | PPN |
| **Saline Flush 10 mL** | Yes | X |  | 1 | 500 |  |  |
| **TPN** | Yes | X |  | 10 | 150 |  | TPN |
| **TPN-Cyclic** | Yes | X |  | 15 | 175 |  | TPN |

### PCA Drugs

| **PCA Drugs - OB/LD** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  mL Only | | | | | | | | |
| **deferoxamine [SC]** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a |  |  | |  |  | | **Dosing Units**  ml | |
| Continuous Dose / h | n/a | 0.83 | 1.25 | |  | 0.83 | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) |  |  |  | | n/a |  | | **Clinical Advisory Name** | |
| Max Acc. Dose Range / 1 h | n/a | 0.83 | 1.25 | |  | 0.83 | |

| **PCA Drugs - OB/LD** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **HYDROmor PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 10 | | 12 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.2 | 15 | | 30 |  | |

| **PCA Drugs - OB/LD** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  10 mg / 50 mL (0.2 mg / mL) | | | | | | | | |
| **HYDROmor PCA0.2mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.05 | 1 | | 2 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.1 | 2 | | 3 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 0.6 | 3 | | 4.4 |  | |

| **PCA Drugs - OB/LD** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **Morphine PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 5 | | 10 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.25 | 15 | | 22 |  | |

| **PCA Drugs - OB/LD** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  250 mg / 50 mL (5 mg / mL) | | | | | | | | |
| **Morphine PCA 5 mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 1 | 25 | | 30 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 1 | 50 | | 100 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 6 | 65 | | 100 |  | |

## ONCOLOGY

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - ONCOLOGY** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **alprostadil**  500 mcg / 500 mL (1 mcg / mL) | X |  | N/A | **Continuous**  nanogram/kg/min | 2 | 10 |  |  |  |  |  |  |  |  |  |  |  |
| **argatroban**  250 mg / 250 mL (1 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/min | 0.1 | 3 | 10 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **bumetanide**  2.5 mg / 100 mL (0.025 mg / mL)  5 mg / 100 mL (0.05 mg / mL)  --- mg / --- mL | X  X  X |  | YES | **Continuous**  mg/h | 0.25 | 2 | 4 |  |  |  |  |  |  |  |  |  | Protect from Light |
| **cycloPHOSPHAmide [CI**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 20 | 150 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **daratumumab**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 28 | 320 |  |  |  |  |  |  |  |  |  |  | Filter |
| **deferoxamine [CI]**  0.5 gram / 500 mL (0.001 gram / mL)  1 gram / 500 mL (0.002 gram / mL)  1.5 gram / 500 mL (0.003 gram / mL)  2 gram / 500 mL (0.004 gram / mL)  2.5 gram / 500 mL (0.005 gram / mL)  3 gram / 500 mL (0.006 gram / mL) | X  X  X  X  X  X |  | N/A | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [SC]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **elotuzumab**  --- mg / --- mL | X |  | YES | **Continuous**  mg/min | 1 | 16 |  |  |  |  |  |  |  |  |  |  | Filter |
| **etoposide [CI]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 20 | 42 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **factor VIIa NovoSeve**  --- mcg / --- mL | X |  | YES | **Continuous**  mcg/h | 400 | 3,000 |  |  |  |  |  |  |  |  |  |  |  |
| **factor VIII (8)**  10 unit / 1 mL (10 unit / mL)  20 unit / 1 mL (20 unit / mL)  --- unit / --- mL | X  X  X |  | YES | **Continuous**  unit/h | 10 | 800 | 1,000 |  |  |  |  |  |  |  |  |  |  |
| **fentaNYL**  2,500 mcg / 250 mL (10 mcg / mL)  5,000 mcg / 500 mL (10 mcg / mL) | X  X |  | N/A | **Continuous**  mcg/h | 10 | 300 | 750 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **furosemide**  100 mg / 100 mL (1 mg / mL)  200 mg / 100 mL (2 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 1 | 60 |  | 4 |  |  |  |  |  |  |  |  | Protect from Light |
| **heparin**  ***\*\*\*High Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 35 |  | 18 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*\*Low Intensity***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 12 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***\*\*Stroke***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/kg/h | 5 | 25 |  | 10 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **heparin**  ***Non-Weight Based***  25,000 unit / 500 mL (50 unit / mL) | X |  | N/A | **Continuous**  unit/h | 500 | 3,000 |  | 500 |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **HYDROmorpho 0.2mg/mL**  20 mg / 100 mL (0.2 mg / mL)  50 mg / 250 mL (0.2 mg / mL)  100 mg / 500 mL (0.2 mg / mL) | X  X  X |  | N/A | **Continuous**  mg/h | 0.1 | 5 | 10 |  |  |  |  |  |  |  |  |  |  |
| **HYDROmorphone 1mg/mL**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 0.5 | 30 | 100 |  |  |  |  |  |  |  |  |  |  |
| **insulin**  100 unit / 100 mL (1 unit / mL) | X |  | N/A | **Continuous**  unit/h | 0.2 | 15 | 20 |  |  |  |  |  |  |  |  |  |  |
| **ketamine**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/kg/h | 0.05 | 0.2 | 0.3 | 0.05 |  |  |  |  |  |  |  |  |  |
| **morphine [1mg/mL]**  100 mg / 100 mL (1 mg / mL)  250 mg / 250 mL (1 mg / mL) | X  X |  | N/A | **Continuous**  mg/h  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 0.5 | 25 | 50 |  | 0.5 | 10 | 25 |  | 0.5 | 5 | 10 |  |  |
| **morphine [5mg/mL]**  500 mg / 100 mL (5 mg / mL) | X |  | N/A | **Continuous**  mg/h  **Bolus Dose**  mg  **Bolus Admin Rate**  mg/min | 2.5 | 50 | 150 |  | 2.5 | 25 | 75 |  | 2.5 | 12.5 | 37.5 |  |  |
| **naloxone**  4 mg / 250 mL (0.016 mg / mL) | X |  | N/A | **Continuous**  mg/h | 0.04 | 6.25 | 8 |  |  |  |  |  |  |  |  |  |  |
| **naloxone**  0.5 mg / 250 mL (0.002 mg / mL)  4 mg / 250 mL (0.016 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/h | 0.24 | 2.5 |  |  |  |  |  |  |  |  |  |  |  |
| **octreotide**  500 mcg / 100 mL (5 mcg / mL)  1,250 mcg / 250 mL (5 mcg / mL) | X  X |  | N/A | **Continuous**  mcg/h | 25 | 50 |  |  |  |  |  |  |  |  |  |  |  |
| **ofatumumab [1000mg]**  2 mg / 1 mL (2 mg / mL) | X |  | N/A | **Continuous**  mg/h | 12 | 800 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ofatumumab [2000mg]**  2 mg / 1 mL (2 mg / mL) | X |  | N/A | **Continuous**  mg/h | 24 | 800 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ofatumumab [300mg]**  0.3 mg / 1 mL (0.3 mg / mL) | X |  | N/A | **Continuous**  mg/h | 3.6 | 60 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **pantoprazole**  80 mg / 250 mL (0.32 mg / mL) | X |  | N/A | **Continuous**  mg/h | 2 | 10 |  | 8 |  |  |  |  |  |  |  |  |  |
| **riTUXimab**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 49 | 401 | 500 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - ONCOLOGY** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **bumetanide**  NonWeightBased | X |  | mg/mL | 0.01 |  | 0.26 |
| **cycloPHOSPHAmide [CI**  NonWeightBased | X |  | mg/mL | 2 |  | 20 |
| **daratumumab**  NonWeightBased | X |  | mg/mL | 0.5 |  | 3.5 |
| **deferoxamine [SC]**  NonWeightBased | X |  | mg/mL | 190 |  | 200 |
| **elotuzumab**  NonWeightBased | X |  | mg/mL | 1 |  | 6 |
| **etoposide [CI]**  NonWeightBased | X |  | mg/mL | 0.1 | 0.2 | 0.4 |
| **factor VIIa NovoSeve**  NonWeightBased | X |  | mcg/mL | 800 |  | 1,000 |
| **factor VIII (8)**  NonWeightBased | X |  | unit/mL | 8 | 10 | 11 |
| **riTUXimab**  NonWeightBased | X |  | mg/mL | 1 |  | 4 |

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - ONCOLOGY** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **acetaminophen** | X | X | mg | 500 | 1,000 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 00:12 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:12 | 00:30 | 00:15 | No |  |  |  |
| **acetylcysteine**  ***\*Renal Protection*** | X | X | mg | 599 | 1,201 |  | --- mg / --- mL | X |  | 00:05 | 00:09 | 00:30 | 00:10 | No |  |  |  |  |
| **acetylcysteine**  ***Loading Dose*** | X | X | mg/kg | 149 | 151 |  | --- mg / --- mL | X |  |  | 00:52 | 01:15 | 01:00 | No |  |  |  |  |
| **acetylcysteine**  ***Second Dose*** | X | X | mg/kg | 49 | 51 |  | --- mg / --- mL | X |  |  | 03:30 | 04:15 | 04:00 | No |  |  |  |  |
| **acetylcysteine**  ***Third Dose*** | X | X | mg/kg | 99 | 101 |  | --- mg / --- mL | X |  | 12:00 | 14:00 | 16:30 | 16:00 | No |  |  |  |  |
| **acyclovir** | X | X | mg | 125 | 1,000 | 1,500 | --- mg / --- mL | X |  | 00:50 | 00:53 | 01:30 | 01:00 | mg/mL |  | 2.5 | 7 |  |
| **agalsidase beta** | X | X | mg/kg | 0.5 | 1.1 |  | --- mg / --- mL | X |  | 01:00 | 01:20 | 06:00 | 01:30 | No |  |  |  | Filter |
| **albumin 25% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 100 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |
| **albumin 5% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 250 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 500 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |
| **alemtuzumab** | X | X | mg | 10 | 31 | 32 | --- mg / --- mL | X |  | 01:50 | 01:55 | 02:05 | 02:00 | No |  |  |  |  |
| **allopurinol** | X | X | mg | 100 | 400 | 600 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | mg/mL |  | 1 | 6 |  |
| **amikacin** | X | X | mg | 125 | 1,500 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **ampho B (LIPID)** | X | X | mg | 80 | 750 |  | --- mg / --- mL | X |  | 01:40 | 01:45 | 03:00 | 02:00 | mg/mL | 0.2 | 1 | 2 | LASA |
| **amphotericin B** | X | X | mg | 10 | 100 | 150 | --- mg / --- mL | X |  | 01:48 | 01:50 | 06:00 | 03:00 | mg/mL |  | 0.01 | 0.25 | LASA |
| **ampicillin** | X | X | gram | 0.5 | 2.1 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **ampicillin/sulbact** | X | X | gram | 1.5 | 3 |  | 1.5 gram / 100 mL (0.015 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **antithrombin III** | X | X | unit | 1,000 | 10,000 |  | --- unit / --- mL | X |  |  | 00:09 | 01:00 | 00:10 | No |  |  |  |  |
| **antithymocyte EQUIN** | X | X | mg/kg | 10 | 40 | 41 | --- mg / --- mL | X |  | 03:59 | 04:00 | 24:00 |  | mg/mL | 0.05 | 0.1 | 4 | Filter |
| **arsenic trioxide** | X | X | mg/kg | 0.14 | 0.31 | 0.32 | --- mg / --- mL | X |  | 00:50 | 00:55 | 04:10 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **atezolizumab** | X | X | mg | 1,159 | 1,200 |  | 1,200 mg / 250 mL (4.8 mg / mL) | X |  | 00:25 | 00:27 | 01:05 |  | n/a |  |  |  | Double Check by 2 RN |
| **azaTHIOprine** | X | X | mg | 40 | 500 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  | Hazardous Drug |
| **azithromycin** | X | X | mg | 250 | 500 |  | 250 mg / 250 mL (1 mg / mL) | X |  |  | 02:54 | 03:30 | 03:00 | n/a |  |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| **aztreonam** | X | X | gram | 0.25 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:50 | 01:10 | 01:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **bactrim [SMX/TMP]** | X | X | mg | 40 | 480 |  | --- mg / --- mL | X |  |  | 01:00 | 02:00 |  | No |  |  |  |  |
| **bamlanivimab/etesevi** | X | X | mg | 2,099 | 2,101 | 2,102 | 2,100 mg / 310 mL (6.7742 mg / mL) | X |  | 00:55 | 00:58 | 24:00 |  | n/a |  |  |  | 0.22 micron filter |
| **belimumab** | X | X | mg | 300 | 2,000 |  | --- mg / --- mL | X |  |  | 00:53 | 02:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **bendamustine** | X | X | mg | 90 | 300 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **bevacizumab** | X | X | mg/kg | 5 | 15.1 |  | --- mg / --- mL | X |  | 00:20 | 00:24 | 02:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **bleomycin** | X | X | unit/m2 | 5 | 20 |  | --- unit / --- mL | X |  | 00:08 | 00:09 | 01:00 | 00:30 | unit/mL |  | 0.15 | 3 | Double Check by 2 RN |
| **bleomycin [testicul]** | X | X | unit/m2 | 20 | 30.1 |  | --- unit / --- mL | X |  | 00:08 | 00:09 | 01:00 | 00:10 | unit/mL |  | 0.15 | 3 | Double Check by 2 RN |
| **blinatumomab (>45kg)** | X | X | mcg | 8 | 29 | 30 | --- mcg / --- mL | X |  | 23:00 | 23:30 | 48:00 | 24:00 | mcg/mL | 0.02 |  | 0.15 | Filter 2nd RN |
| **bumetanide [IVPB]** | X | X | mg | 2.1 | 10 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 0.04 | 0.2 |  |
| **CABAZitaxel** | X | X | mg | 25 | 60 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **caffeine/sod benzoa** | X | X | mg | 30 | 500 |  | 500 mg / 1,000 mL (0.5 mg / mL) | X |  |  | 00:55 | 01:05 | 01:00 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 0.12 | 0.6 |
| **calcium gluconate** | X | X | gram | 0.5 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  | 00:25 | 00:27 | 01:30 | 00:30 | n/a |  |  |  |  |
| **CARBOplatin**  ***DoseDesensitization*** | X | X | mg | 0.01 | 50 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | No |  |  |  | Double Check by 2 RN |
| **CARBOplatin**  ***Non-Weight Based/AUC*** | X | X | mg | 100 | 900 | 1,125 | --- mg / --- mL | X |  |  | 00:27 | 01:05 |  | No |  |  |  | Double Check by 2 RN |
| **carfilzomib** | X | X | mg/m2 | 10 | 57 |  | --- mg / --- mL | X |  |  | 00:09 | 00:35 |  | No |  |  |  | Double Check by 2 RN |
| **carmustine**  ***Bone Marrow (BMT)*** | X | X | mg/m2 | 149 | 601 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 02:05 | 02:00 | mg/mL |  | 0.1 | 1 | Double Check by 2 RN |
| **carmustine**  ***Other Indication*** | X | X | mg/m2 | 149 | 201 | 250 | --- mg / --- mL | X |  | 00:50 | 00:55 | 02:05 |  | mg/mL |  | 0.1 | 1 | Double Check by 2 RN |
| **casirivimab/imdevima** | X | X | mg | 1,199 | 1,201 | 1,202 | 1,200 mg / 260 mL (4.6154 mg / mL) | X |  | 00:55 | 00:58 | 03:00 | 01:00 | n/a |  |  |  | 0.22 micron filter |
| **caspoFUNGIN** | X | X | mg | 35 | 70 | 71 | 35 mg / 250 mL (0.14 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 50 mg / 250 mL (0.2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 70 mg / 250 mL (0.28 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| **ceFAZolin** | X | X | gram | 0.5 | 3 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 1.5 gram / 50 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cefepime** | X | X | gram | 0.5 | 3 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **cefiderocol** | X | X | mg | 750 | 2,000 | 2,001 | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |  |
| 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| **cefotaxime** | X | X | mg | 500 | 2,000 |  | 500 mg / 50 mL (10 mg / mL) | X |  |  | 00:14 | 00:25 | 00:15 | n/a |  |  |  |  |
| 1,000 mg / 50 mL (20 mg / mL) | X |  |  | 00:14 | 00:25 | 00:15 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 00:25 | 00:35 | 00:30 | n/a |  |  |  |
| **cefOXitin** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **ceftaroline** | X | X | mg | 200 | 600 | 601 | 200 mg / 50 mL (4 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| 400 mg / 50 mL (8 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| **cefTAZidime** | X | X | gram | 0.4 | 2.1 |  | 0.5 gram / 50 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **CefTAZidime/Avibacta** | X | X | gram | 0.94 | 2.5 | 2.6 | 0.94 gram / 50 mL (0.0188 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  | LASA |
| 1.25 gram / 100 mL (0.0125 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| 2.5 gram / 100 mL (0.025 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 01:50 | 02:10 | 02:00 | gram/mL | 0.008 | 0.04 | 0.41 |
| **ceftolazane/tazobact** | X | X | mg | 149 | 1,501 |  | 150 mg / 100 mL (1.5 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |  |
| 375 mg / 100 mL (3.75 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:50 | 01:20 | 01:00 | n/a |  |  |  |
| **cefTRIAXone** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **cefuroxime** | X | X | mg | 750 | 1,500 |  | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cemiplimab** | X | X | mg | 349 | 351 | 352 | 350 mg / 100 mL (3.5 mg / mL) | X |  | 00:24 | 00:25 | 00:40 | 00:30 | n/a |  |  |  | Filter |
| **cetuximab**  ***Loading Dose*** | X | X | mg/m2 | 399 | 401 |  | --- mg / --- mL | X |  |  | 01:48 | 02:30 | 02:00 | No |  |  |  | Filter |
| **cetuximab**  ***Maint Dose q week*** | X | X | mg/m2 | 249 | 251 |  | --- mg / --- mL | X |  |  | 01:48 | 02:30 | 02:00 | No |  |  |  | Filter |
| **cetuximab**  ***q 2 weeks*** | X | X | mg/m2 | 499 | 501 |  | --- mg / --- mL | X |  |  | 01:51 | 02:30 | 02:00 | No |  |  |  | Filter |
| **chlorothiazide** | X | X | mg | 500 | 1,000 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 00:30 | 00:15 | mg/mL |  | 10 | 20 | Extravasation |
| **chlorproMAZINE** | X | X | mg | 12.5 | 50 |  | 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:15 | 01:00 | 00:30 | n/a |  |  |  |
| 50 mg / 50 mL (1 mg / mL) | X |  | 00:40 | 00:45 | 01:00 | 00:50 | n/a |  |  |  |
| **ciprofloxacin** | X | X | mg | 200 | 400 |  | 200 mg / 100 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 00:54 |  | 01:30 | 01:00 | n/a |  |  |  |
| **CISplatin** | X | X | mg/m2 | 19 | 100 | 101 | --- mg / --- mL | X |  | 00:25 | 00:30 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **CISplatin [DEP]** | X | X | mg | 20 | 50 |  | --- mg / --- mL | X |  |  | 00:27 | 00:35 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **CISplatin [IntraPer]** | X | X | mg/m2 | 75 |  | 91 | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  | Double Check by 2 RN |
| **clindamycin** | X | X | mg | 300 | 900 |  | 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 900 mg / 50 mL (18 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **clofarabine** | X | X | mg | 40 | 140 |  | --- mg / --- mL | X |  |  | 00:55 | 02:10 | 02:00 | mg/mL | 0.14 | 0.15 | 0.5 | Double Check by 2 RN |
| **colistimethate** | X | X | mg | 50 | 500 |  | --- mg / --- mL | X |  |  | 00:20 | 01:00 | 00:30 | mg/mL |  | 1 | 10 |  |
| **copper** | X | X | mg | 0.2 | 4.1 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 04:10 | 03:00 | No |  |  |  |  |
| **cycloPHOSPHAmide** | X | X | mg/m2 | 60 | 1,800 | 1,801 | --- mg / --- mL | X |  | 00:20 | 00:25 | 02:00 |  | mg/mL |  | 2 | 20 | Double Check by 2 RN |
| **cycloSPORINE** | X | X | mg | 40 | 750 |  | --- mg / --- mL | X |  | 01:00 | 01:40 | 06:00 | 02:00 | mg/mL |  | 1 | 2 | Hazardous Drug |
| **cytarabine** | X | X | mg/m2 | 75 | 3,000 |  | --- mg / --- mL | X |  | 00:30 | 01:48 | 04:00 |  | No |  |  |  | Double Check by 2 RN |
| **cytarabine [CI]** | X | X | mg/m2 | 70 | 200 |  | --- mg / --- mL | X |  | 20:00 | 21:00 | 25:00 | 24:00 | No |  |  |  | Double Check by 2 RN |
| **dacarbazine** | X | X | mg/m2 | 50 | 850 | 851 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **DACTINomycin** | X | X | mcg/m2 | 400 | 600 | 1,000 | --- mcg / --- mL | X |  | 00:14 | 00:15 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **DACTINomycin** | X | X | mcg/kg | 12 | 15 |  | --- mcg / --- mL | X |  | 00:14 | 00:15 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **DACTINomycin q2weeks** | X | X | mg/m2 | 1 | 1.25 | 2 | --- mg / --- mL | X |  | 00:13 | 00:15 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **dalbavancin** | X | X | mg | 374 |  | 1,501 | 375 mg / 100 mL (3.75 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,000 mg / 250 mL (4 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,125 mg / 250 mL (4.5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,500 mg / 500 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| **DAPTOmycin** | X | X | mg | 100 | 1,200 | 2,000 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | No |  |  |  |  |
| **DAUNO+cytar [Vyxeos]** | X | X | mg/m2 | 28.5 | 44.5 | 45 | --- mg / --- mL | X |  | 01:15 | 01:20 | 01:40 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **decitabine** | X | X | mg/m2 | 5 | 75 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 06:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **delafloxacin** | X | X | mg | 200 | 300 | 301 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **denileukin** | X | X | mcg/kg | 9 | 18 |  | --- mcg / --- mL | X |  |  | 00:13 | 01:20 | 00:15 | No |  |  |  |  |
| **desmopressin** | X | X | mcg | 1 | 40 |  | --- mcg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **dexameth/ondansetron** | X | X | mg | 11 | 17 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **dexamethasone** | X | X | mg | 12.1 | 20 |  | --- mg / --- mL | X |  |  | 00:09 | 00:20 | 00:10 | mg/mL |  | 0.24 | 0.4 |  |
| **dexrazoxane** | X | X | mg/m2 | 500 | 2,000 | 2,001 | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **digoxin** | X | X | mg | 0.25 | 0.5 |  | --- mg / --- mL | X |  |  | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **digoxin immune fab** | X | X | mg | 40 | 400 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **dihydroergotamine** | X | X | mg | 0.5 | 1 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 1 | 2 |  |
| **diphenhydrAMINE** | X | X | mg | 12.5 | 50 |  | --- mg / --- mL | X |  |  | 00:15 | 00:20 | 00:15 | mg/mL |  | 0.5 | 1 |  |
| **DOCEtaxel**  ***q month*** | X | X | mg/m2 | 60 | 100 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 01:30 | 01:00 | mg/mL |  | 0.3 | 0.74 | Double Check by 2 RN |
| **DOCEtaxel**  ***q week*** | X | X | mg/m2 | 30 | 45 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 01:30 | 01:00 | mg/mL |  | 0.3 | 0.74 | Double Check by 2 RN |
| **DOXO+Etop+VinCRIS** | X | X | mg | 10 | 150 |  | --- mg / --- mL | X |  | 23:30 | 23:50 | 24:10 | 24:00 | No |  |  |  | Combo Med |
| **DOXO+Etoposide** | X | X | mg | 15 | 150 |  | --- mg / --- mL | X |  | 23:30 | 23:50 | 24:10 | 24:00 | No |  |  |  | Combo Med |
| **DOXOrubicin** | X | X | mg/m2 | 15 | 60 | 61 | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | mg/mL |  | 0.1 | 2 | Double Check by 2 RN |
| **DOXOrubicin [CI]** | X | X | mg/m2 | 4.5 | 30 |  | --- mg / --- mL | X |  | 20:00 | 21:00 | 25:00 | 24:00 | mg/mL |  | 0.1 | 2 | Double Check by 2 RN |
| **DOXOrubicin, liposo** | X | X | mg/m2 | 20 | 50 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **doxyCYCLINE** | X | X | mg | 100 | 200 | 201 | 100 mg / 250 mL (0.4 mg / mL) | X |  | 01:45 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  | 01:45 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |
| **durvalumab** | X | X | mg/kg | 9.9 | 10.1 | 10.2 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Filter 2nd RN |
| **eculizumab** | X | X | mg | 150 | 1,300 |  | 900 mg / 180 mL (5 mg / mL) | X |  |  | 00:30 | 00:40 | 00:35 | n/a |  |  |  |  |
| 1,200 mg / 240 mL (5 mg / mL) | X |  |  | 00:30 | 00:40 | 00:35 | n/a |  |  |  |
| **enalaprilat** | X | X | mg | 0.625 | 5 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **eravacycline** | X | X | mg/kg | 0.8 | 1 | 1.2 | --- mg / --- mL | X |  |  | 00:58 | 01:30 | 01:00 | mg/mL | 0.18 | 0.2 | 0.6 |  |
| **ertapenem** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| **erythromycin** | X | X | mg | 125 | 500 | 501 | 125 mg / 100 mL (1.25 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| **estrogen-uremic** | X | X | mg | 10 | 60 | 70 | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **estrogen-uterine** | X | X | mg | 24 | 26 |  | 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:17 | 00:18 | 00:30 | 00:20 | n/a |  |  |  |  |
| **ethacrynic acid** | X | X | mg | 25 | 100 | 101 | --- mg / --- mL | X |  | 00:10 | 00:14 | 00:20 | 00:15 | mg/mL |  | 0.5 | 2 |  |
| **etoposide**  ***Bone Marrow (BMT)*** | X | X | mg/m2 | 199 | 201 |  | --- mg / --- mL | X |  | 00:50 | 00:55 | 02:05 |  | mg/mL |  | 0.1 | 0.4 | Double Check by 2 RN |
| **etoposide**  ***Other Indication*** | X | X | mg/m2 | 35 | 100 | 101 | --- mg / --- mL | X |  | 00:50 | 00:55 | 02:05 | 01:00 | mg/mL |  | 0.1 | 0.4 | Double Check by 2 RN |
| **factor IX** | X | X | unit | 400 | 9,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIIa Novo[II]** | X | X | mcg | 400 | 9,999 |  | --- mcg / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Heli** | X | X | unit | 400 | 5,000 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **factor VIII (8) Huma** | X | X | unit/kg | 14 | 80 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **famotidine** | X | X | mg | 10 | 40 |  | 40 mg / 50 mL (0.8 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **feiba autoplex** | X | X | unit | 400 | 9,999 |  | --- unit / --- mL | X |  |  | 00:04 | 00:10 | 00:05 | No |  |  |  |  |
| **filgrastim** | X | X | mcg | 300 | 480 |  | --- mcg / --- mL | X |  |  | 00:14 | 00:20 | 00:15 | No |  |  |  |  |
| **fluconazole** | X | X | mg | 49 | 600 | 800 | 100 mg / 50 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 01:40 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |
| **fluDARAbine** | X | X | mg/m2 | 10 | 40 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **fluorouracil** | X | X | mg/m2 | 400 | 2,600 |  | --- mg / --- mL | X |  | 05:00 | 21:00 | 48:00 | 24:00 | mg/mL |  | 1 | 50 | Double Check by 2 RN |
| **folic acid** | X | X | mg | 0.1 | 1 |  | --- mg / --- mL | X |  |  | 00:15 | 00:30 |  | No |  |  |  |  |
| **fosapreptitant** | X | X | mg | 149 | 151 |  | 150 mg / 250 mL (0.6 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| **foscarnet**  ***Central*** | X | X | mg | 2,400 | 9,999 |  | --- mg / --- mL | X |  | 00:52 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **foscarnet**  ***Peripheral*** | X | X | mg | 2,400 | 9,999 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 02:00 | 01:00 | No |  |  |  |  |
| **fosphenytoin**  ***Loading Dose*** | X | X | mg | 600 | 2,000 | 3,000 | --- mg / --- mL | X |  | 00:09 | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 25 | PE |
| **fosphenytoin**  ***Maintenance Dose*** | X | X | mg | 80 | 500 |  | --- mg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | mg/mL |  | 10 | 25 | PE |
| **furosemide[II]** | X | X | mg | 101 | 300 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 2 | 6 |  |
| **ganciclovir** | X | X | mg | 150 | 750 |  | --- mg / --- mL | X |  | 00:54 | 00:55 | 01:30 | 01:00 | mg/mL |  | 1 | 10 | Hazardous Drug |
| **gemcitabine** | X | X | mg/m2 | 500 | 1,251 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:40 |  | mg/mL |  | 0.1 | 38 | Double Check by 2 RN |
| **gentamicin** | X | X | mg | 40 | 800 | 801 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | mg/mL |  | 0.8 | 16 |  |
| **glycopyrrolate** | X | X | mg | 0.1 | 0.2 |  | --- mg / --- mL | X |  |  | 00:09 | 00:15 | 00:10 | mg/mL |  | 0.2 | 0.4 |  |
| **granisetron** | X | X | mg | 0.5 | 1 |  | 1 mg / 50 mL (0.02 mg / mL) | X |  |  | 00:09 | 00:30 | 00:10 | n/a |  |  |  |  |
| **haloperidol** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  |  | 00:20 | 00:45 | 00:30 | No |  |  |  |  |
| **hydrALAZINE** | X | X | mg | 1 | 20 |  | --- mg / --- mL | X |  |  | 00:10 | 00:25 | 00:15 | No |  |  |  |  |
| **idaruCIZUmab** | X | X | gram | 2.4 | 2.6 |  | 2.5 gram / 50 mL (0.05 gram / mL) | X |  |  | 00:05 | 00:12 | 00:10 | n/a |  |  |  |  |
| **IFOSfamide** | X | X | gram/m2 | 0.8 | 3 | 3.6 | --- gram / --- mL | X |  | 00:25 | 00:27 | 02:00 | 00:30 | gram/mL |  | 0.6 | 20 | Double Check by 2 RN |
| **IFOSfamide [CI]** | X | X | gram/m2 | 1 | 5 |  | --- gram / --- mL | X |  | 20:00 | 21:00 | 25:00 | 24:00 | No |  |  |  | Double Check by 2 RN |
| **imiglucerase** | X | X | unit/kg | 2.5 | 60 |  | --- unit / --- mL | X |  | 00:50 | 00:53 | 02:00 | 01:00 | No |  |  |  | Filter |
| **imipen/cilas/relebac** | X | X | mg | 500 | 1,250 | 1,251 | 500 mg / 40 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  | LASA |
| 750 mg / 60 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,000 mg / 80 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,250 mg / 100 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **immune glob (IVIG)** | X | X | gram | 2 | 99 | 150 | --- gram / --- mL | X |  |  | 01:00 | 40:00 |  | No |  |  |  | Hypersensitivity |
| **inotuzumab** | X | X | mg/m2 | 0.19 | 0.81 |  | --- mg / --- mL | X |  | 00:55 | 00:58 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **interferon alpha-2b** | X | X | unit/m2 | 10 | 20 |  | --- unit / --- mL | X |  | 00:15 | 00:18 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **ipilimumab**  ***melanoma*** | X | X | mg/kg | 2.9 | 10.1 |  | --- mg / --- mL | X |  |  | 01:25 | 03:00 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **ipilimumab**  ***non-melanoma*** | X | X | mg/kg | 0.9 | 3.1 |  | --- mg / --- mL | X |  |  | 00:28 | 02:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **irinotecan** | X | X | mg/m2 | 60 | 300 | 301 | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **iron sucrose** | X | X | mg | 99 | 501 |  | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:13 | 00:30 | 00:15 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| 400 mg / 250 mL (1.6 mg / mL) | X |  |  | 02:15 | 03:00 | 02:30 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 03:25 | 04:10 | 03:30 | n/a |  |  |  |
| **isavuconazonium** | X | X | mg | 370 | 372 | 374 | 372 mg / 250 mL (1.488 mg / mL) | X |  | 00:57 | 00:58 | 02:00 | 01:00 | n/a |  |  |  | Filter |
| **isoniazid** | X | X | mg | 100 | 300 |  | --- mg / --- mL | X |  | 00:50 | 00:53 | 02:00 | 01:00 | No |  |  |  |  |
| **ixabepilone** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:50 | 03:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **kcentra** | X | X | unit | 1,000 | 5,000 |  | 1,500 unit / 60 mL (25 unit / mL) | X |  | 00:06 | 00:07 | 00:30 | 00:08 | n/a |  |  |  |  |
| --- unit / --- mL | X |  |  | 00:05 | 00:30 |  | No |  |  |  |
| **lacosamide** | X | X | mg | 49 | 401 |  | --- mg / --- mL | X |  |  | 00:25 | 01:05 | 00:30 | No |  |  |  |  |
| **lefamulin** | X | X | mg | 149 | 150 | 152 | 150 mg / 250 mL (0.6 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| **leucovorin [rescue]** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | No |  |  |  |  |
| **leucovorin[IRONOtec]** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  |  |
| **leucovorin[oxal/5FU]** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  | 01:40 | 01:48 | 02:30 | 02:00 | No |  |  |  |  |
| **levETIRAcetam** | X | X | mg | 250 | 1,500 | 4,501 | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | mg/mL |  | 2.5 | 15 |  |
| **levoFLOXacin** | X | X | mg | 200 | 750 | 751 | 250 mg / 50 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| 750 mg / 150 mL (5 mg / mL) | X |  | 01:00 | 01:15 | 02:00 | 01:30 | n/a |  |  |  |
| **levothyroxine** | X | X | mcg | 12.5 | 500 |  | --- mcg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **linezolid** | X | X | mg | 300 | 600 |  | 600 mg / 300 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| **magnesium [1 Gm]** | X | X | gram | 1 | 1.2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 01:00 | 00:30 | n/a |  |  |  |  |
| **mannitol [CI]** | X | X | gram | 6.25 | 50 |  | --- gram / --- mL | X |  | 00:30 | 01:00 | 02:00 |  | No |  |  |  | Filter |
| **mannitol 20%** | X | X | gram | 12.5 | 99 |  | 50 gram / 250 mL (0.2 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **mannitol 25%** | X | X | gram | 12.5 | 99 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **mannitol w/KCL [CI]** | X | X | gram | 6.25 | 50 |  | --- gram / --- mL | X |  | 00:59 | 01:00 | 02:00 |  | No |  |  |  | Filter |
| **melphalan** | X | X | mg/m2 | 99 | 201 |  | --- mg / --- mL | X |  | 00:14 | 00:15 | 01:00 |  | No |  |  |  | Double Check by 2 RN |
| **meropenem** | X | X | gram | 0.5 | 2 |  | 0.5 gram / 100 mL (0.005 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:50 | 00:54 | 01:10 | 01:00 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 01:50 | 01:55 | 02:10 | 02:00 | n/a |  |  |  |
| **meropenem/vaborbact** | X | X | gram | 1 | 4 | 4.1 | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  | LASA |
| 2 gram / 250 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| 4 gram / 500 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| **mesna** | X | X | mg | 500 | 15,000 |  | --- mg / --- mL | X |  |  | 00:05 | 24:00 |  | No |  |  |  |  |
| **mesna [BSA]** | X | X | mg/m2 | 225 | 3,600 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 03:00 |  | No |  |  |  |  |
| **mesna [CI]** | X | X | mg/m2 | 1,000 | 5,000 |  | --- mg / --- mL | X |  | 20:00 | 21:00 | 25:00 | 24:00 | No |  |  |  |  |
| **methadone** | X | X | mg | 1 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **methotrexate** | X | X | mg/m2 | 5 | 80 |  | --- mg / --- mL | X |  | 00:10 | 00:13 | 00:20 | 00:15 | mg/mL |  | 0.1 | 25 | Double Check by 2 RN |
| **methotrexate [High]** | X | X | gram/m2 | 3 | 12 |  | --- gram / --- mL | X |  | 01:40 | 01:48 | 04:00 | 02:00 | gram/mL |  | 0.1 | 25 | Double Check by 2 RN |
| **methotrexate [II]** | X | X | gram/m2 | 3 | 12 |  | --- gram / --- mL | X |  | 20:00 | 21:00 | 42:00 | 24:00 | gram/mL |  | 0.1 | 25 | Double Check by 2 RN |
| **methylPRED [spin LD]** | X | X | mg/kg | 30 | 31 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 00:30 | 00:15 | No |  |  |  |  |
| **methylPREDNISolone** | X | X | mg | 125.1 | 1,001 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 01:00 | 00:15 | No |  |  |  |  |
| **metoprolol** | X | X | mg | 1.25 | 10 | 20 | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **metroNIDAZOLE** | X | X | mg | 125 | 1,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  | 00:54 | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| **mitoMYcin** | X | X | mg/m2 | 10 | 20 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 00:30 | 00:15 | No |  |  |  | Double Check by 2 RN |
| **mitoXANtrone** | X | X | mg/m2 | 10 | 14 |  | --- mg / --- mL | X |  | 00:20 | 00:25 | 24:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **morphine** | X | X | mg | 1 | 10 | 40 | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **multivitamin 12** | X | X | unit | 1 | 2 | 4 | --- unit / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  |  |
| **mycophenolate** | X | X | mg | 500 | 1,500 |  | 1,000 mg / 150 mL (6.6667 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  | Hazardous Drug |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 03:00 | 02:00 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 01:50 | 03:00 | 02:00 | No |  |  |  |
| **nafcillin** | X | X | gram | 0.9 | 2.1 | 2.2 | 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |
| **nalbuphine** | X | X | mg | 2.5 | 10 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  |  |
| **natalizumab** | X | X | mg | 120 | 600 |  | --- mg / --- mL | X |  |  | 00:50 | 02:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **nivolumab** | X | X | mg | 239 | 481 | 482 | 240 mg / 100 mL (2.4 mg / mL) | X |  | 00:25 | 00:26 | 01:05 | 00:30 | n/a |  |  |  | Filter |
| 480 mg / 100 mL (4.8 mg / mL) | X |  | 00:25 | 00:26 | 01:05 | 00:30 | n/a |  |  |  |
| **nivolumab** | X | X | mg/kg | 0.5 | 3.1 |  | --- mg / --- mL | X |  | 00:25 | 00:26 | 01:05 | 00:30 | No |  |  |  | Filter |
| **octreotide [II]** | X | X | mcg | 12.5 | 200 |  | --- mcg / --- mL | X |  | 00:09 | 00:10 | 00:30 | 00:20 | No |  |  |  |  |
| **omadacylcine** | X | X | mg | 100 | 200 | 201 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:28 | 01:00 | 00:30 | n/a |  |  |  | Dedicated IV Line |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **ondansetron** | X | X | mg | 12.1 | 32 |  | --- mg / --- mL | X |  |  | 00:02 | 00:15 | 00:05 | No |  |  |  |  |
| **oritavancin** | X | X | gram | 1 | 1.2 | 1.4 | 1.2 gram / 1,000 mL (0.0012 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |  |
| **oxacillin** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **oxaliplatin** | X | X | mg/m2 | 65 | 131 |  | --- mg / --- mL | X |  | 01:40 | 01:48 | 06:00 | 02:00 | No |  |  |  | Double Check by 2 RN |
| **oxaliplatin [desent]** | X | X | mg | 0.01 | 100 |  | --- mg / --- mL | X |  |  | 00:54 | 01:10 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **PACLitaxel**  ***q 3 weeks*** | X | X | mg/m2 | 135 | 200 |  | --- mg / --- mL | X |  | 02:30 | 02:35 | 03:25 | 03:00 | mg/mL |  | 0.3 | 1.2 | Double Check by 2 RN |
| **PACLitaxel**  ***q week*** | X | X | mg/m2 | 50 | 100 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | mg/mL |  | 0.3 | 1.2 | Double Check by 2 RN |
| **PACLitaxel**  ***q week w/ radiation*** | X | X | mg/m2 | 30 | 50 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | mg/mL |  | 0.3 | 1.2 | Double Check by 2 RN |
| **PACLItaxel Protein B** | X | X | mg/m2 | 100 | 260 |  | --- mg / --- mL | X |  | 00:28 | 00:29 | 00:40 | 00:30 | mg/mL | 4.8 | 4.9 | 5.1 | Double Check by 2 RN |
| **pamidronate** | X | X | mg | 30 | 90 |  | 30 mg / 500 mL (0.06 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |  |
| 60 mg / 500 mL (0.12 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| 90 mg / 500 mL (0.18 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 01:48 | 03:00 | 04:30 | 04:00 | No |  |  |  |
| **pantoprazole [II]** | X | X | mg | 79 | 81 | 82 | 80 mg / 100 mL (0.8 mg / mL) | X |  |  | 00:13 | 00:20 | 00:15 | n/a |  |  |  |  |
| **pembrolizumab** | X | X | mg | 199 | 401 |  | 200 mg / 100 mL (2 mg / mL) | X |  | 00:25 | 00:27 | 00:40 | 00:30 | n/a |  |  |  | Filter 2nd RN |
| 400 mg / 100 mL (4 mg / mL) | X |  | 00:25 | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **pembrolizumab** | X | X | mg/kg | 5 | 15.1 |  | --- mg / --- mL | X |  | 00:20 | 00:24 | 01:00 | 00:30 | No |  |  |  | Filter 2nd RN |
| **pemetrexed** | X | X | mg/m2 | 500 | 501 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  | Double Check by 2 RN |
| **penicillin** | X | X | unit | 1 | 6 |  | 1 unit / 50 mL (0.02 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  | 1 unit= 1 million un |
| 2 unit / 50 mL (0.04 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3 unit / 50 mL (0.06 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4 unit / 50 mL (0.08 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 5 unit / 50 mL (0.1 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| --- unit / --- mL | X |  |  | 00:25 | 01:00 | 00:30 | No |  |  |  |
| **pentamidine** | X | X | mg | 150 | 600 |  | --- mg / --- mL | X |  | 00:52 | 00:54 | 01:30 | 01:00 | mg/mL |  | 1 | 6 |  |
| **pentostatin** | X | X | mg/m2 | 2 | 4 |  | --- mg / --- mL | X |  | 00:15 | 00:17 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **peramivir** | X | X | mg | 15 | 600 | 601 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| 600 mg / 100 mL (6 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 00:14 | 01:00 | 00:30 | mg/mL | 0.15 |  | 6 |
| **pertuzumab** | X | X | mg | 420 | 840 |  | --- mg / --- mL | X |  |  | 00:25 | 01:05 |  | No |  |  |  | Double Check by 2 RN |
| **PHENobarbital**  ***Loading Dose*** | X | X | mg | 200 | 500 | 1,000 | --- mg / --- mL | X |  | 00:13 | 00:14 | 01:00 | 00:15 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg | 25 | 200 |  | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **PHENobarbital**  ***Maintenance Dose*** | X | X | mg/kg | 1 | 3 | 1,000 | --- mg / --- mL | X |  | 00:07 | 00:09 | 00:15 | 00:10 | No |  |  |  | LASA |
| **phenytoin**  ***Loading Dose*** | X | X | mg | 500 | 1,500 | 2,000 | --- mg / --- mL | X |  |  | 00:40 | 01:30 | 00:45 | No |  |  |  | Filter |
| **phenytoin**  ***Maintenance Dose*** | X | X | mg | 50 | 1,000 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 02:00 | 00:30 | No |  |  |  | Filter |
| **phytonadione** | X | X | mg | 0.5 | 5 | 10 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:45 | 00:30 | No |  |  |  |  |
| **piperacillin/tazo** | X | X | gram | 0.75 | 4.5 |  | 0.75 gram / 50 mL (0.015 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2.25 gram / 50 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 2.25 gram / 100 mL (0.0225 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3.37 gram / 100 mL (0.0337 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4.5 gram / 100 mL (0.045 gram / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **Plazomicin** | X | X | mg | 125 | 2,250 |  | --- mg / --- mL | X |  |  | 00:27 | 02:00 | 00:30 | mg/mL | 2.4 | 2.5 | 45 |  |
| **posaconazole** | X | X | mg | 299 | 300 | 301 | 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:30 | 02:30 | 01:30 | n/a |  |  |  | 0.22 micron filter |
| **potassium chloride** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:29 | 01:00 | 03:00 | 01:00 | n/a |  |  |  |
| **potassium chloride** | X | X | mEq/kg | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:53 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| **potassium PHOSphate** | X | X | mmol | 5 | 15 | 16 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **prochlorperazine** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **promethazine** | X | X | mg | 6 | 25 |  | 6.25 mg / 50 mL (0.125 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  | Extravasation |
| 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| **protamine sulfate** | X | X | mg | 10 | 50 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **pyridoxine** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:08 | 00:15 | 00:10 | No |  |  |  |  |
| **rasburicase** | X | X | mg | 2.9 | 6 | 6.1 | 3 mg / 50 mL (0.06 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |  |
| 6 mg / 50 mL (0.12 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |
| **remdesivir** | X |  | mg | 100 | 200 |  | 100 mg / 250 mL (0.4 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |  |
| 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **rIfAMPin** | X | X | mg | 300 | 600 |  | --- mg / --- mL | X |  |  | 02:30 | 04:00 | 03:00 | No |  |  |  |  |
| **romiDEPsin** | X | X | mg/m2 | 9 | 14 |  | --- mg / --- mL | X |  |  | 03:55 | 04:05 | 04:00 | No |  |  |  | Double Check by 2 RN |
| **sarilumab** | X | X | mg | 399 | 400 | 401 | 400 mg / 100 mL (4 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **sodium phosphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **sodium thiosulfate** | X | X | gram | 12.4 | 26 |  | 25 gram / 200 mL (0.125 gram / mL) | X |  | 00:54 | 00:55 | 01:10 | 01:00 | n/a |  |  |  |  |
| --- gram / --- mL | X |  | 00:54 | 00:55 | 01:10 | 01:00 | No |  |  |  |
| **sotrovimab** | X | X | mg | 499 | 501 | 502 | 500 mg / 108 mL (4.6296 mg / mL) | X |  | 00:25 | 00:28 | 02:00 | 00:30 | n/a |  |  |  | 0.22 micron filter |
| **tacrolimus** | X | X | mg | 0.5 | 5 | 7.5 | --- mg / --- mL | X |  | 03:50 | 03:55 | 24:10 | 24:00 | mg/mL | 0.004 | 0.005 | 0.02 | Hazardous Drug |
| **tedizolid** | X | X | mg | 199 | 200 | 201 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **temozolomide** | X | X | mg | 75 | 300 |  | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **temsirolimus** | X | X | mg | 15 | 25 |  | --- mg / --- mL | X |  | 00:24 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **theophylline [II]** | X | X | mg | 125 | 500 |  | --- mg / --- mL | X |  | 00:17 | 00:18 | 00:30 | 00:20 | No |  |  |  |  |
| **thiamine** | X | X | mg | 50 | 500 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| 250 mg / 100 mL (2.5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |
| **thiamine [w/Folic A]** | X | X | mg | 50 | 100 |  | 100 mg / 50 mL (2 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| **tigecycline** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tobramycin** | X | X | mg | 40 | 500 | 800 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tocilizumab** | X | X | mg | 200 | 1,500 |  | --- mg / --- mL | X |  |  | 00:53 | 01:30 | 01:00 | No |  |  |  |  |
| **topotecan**  ***Daily*** | X | X | mg/m2 | 0.75 | 1.5 |  | --- mg / --- mL | X |  | 00:20 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **topotecan**  ***q week*** | X | X | mg/m2 | 2 | 4 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trabectedin** | X | X | mg/m2 | 0.74 | 1.6 | 1.7 | --- mg / --- mL | X |  | 02:50 | 02:55 | 24:05 |  | No |  |  |  | Filter |
| **tranexamic** | X | X | mg | 1 | 2,001 |  | 1,000 mg / 100 mL (10 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  | 00:25 | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |
| **trastuzumab**  ***q 2 weeks*** | X | X | mg/kg | 4 | 5.9 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:30 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trastuzumab**  ***q 3 weeks*** | X | X | mg/kg | 6 | 6.2 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:30 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trastuzumab**  ***q week*** | X | X | mg/kg | 1.99 | 2.1 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:30 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **valproate sodium** | X | X | mg | 125 | 1,000 | 1,001 | --- mg / --- mL | X |  | 00:53 | 00:54 | 02:00 | 01:00 | No |  |  |  |  |
| **vancomycin** | X | X | mg | 500 | 3,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,000 mg / 200 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,250 mg / 250 mL (5 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,750 mg / 250 mL (7 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 2,000 mg / 250 mL (8 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,250 mg / 250 mL (9 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,500 mg / 250 mL (10 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 3,000 mg / 500 mL (6 mg / mL) | X |  |  | 02:50 | 03:30 | 03:00 | n/a |  |  |  |
| **voriconazole** | X | X | mg | 100 | 900 |  | --- mg / --- mL | X |  |  | 01:30 | 02:10 |  | No |  |  |  | Hazardous Drug |
| **ziv-aflibercept** | X | X | mg | 200 | 600 |  | --- mg / --- mL | X |  |  | 00:55 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **zoledronic [Zometa]** | X | X | mg | 3 | 4 |  | 3 mg / 100 mL (0.03 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |  |
| 3.3 mg / 100 mL (0.033 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 3.5 mg / 100 mL (0.035 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 4 mg / 100 mL (0.04 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |

### Fluids

| **Fluids - ONCOLOGY** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X |  | 1 | 999 |  |  |
| **..Bolus Fluid** | Yes | X |  | 99 | 999 |  |  |
| **..Flush Fluid** | Yes | X |  | 10 | 501 |  |  |
| **..KVO Fluid** | Yes | X | X | 0.1 | 31 |  |  |
| **.IVF + Additive** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + KCL 10mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 20mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 30mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 40mEq/L** | Yes | X |  | 1 | 250 | 501 |  |
| **.IVF + KCL 80mEq/L** | Yes | X |  | 1 | 125 | 250 |  |
| **.IVF + Sodium Acetat** | Yes | X | X | 10 | 250 | 500 |  |
| **.IVF + Sodium Bicarb** | Yes | X | X | 10 | 250 | 500 |  |
| **Blood (PRBCs)** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **Blood (whole)** | No | X |  | 0.1 | 999 |  | Dedicated IV Line |
| **Blood Product** | Yes | X |  | 0.1 | 999 |  |  |
| **Dextran-40** | Yes | X |  | 25 | 100 |  |  |
| **Dextrose 10%** | Yes | X |  | 5 | 150 |  |  |
| **Fresh Frozen Plasma** | Yes | X |  | 199 | 301 |  |  |
| **Hetastarch 6 %** | Yes | X |  | 10 | 500 | 999 |  |
| **Lipid Emulsion 10%** | Yes | X |  | 5 | 50 |  | Lipids |
| **Lipid Emulsion 20%** | Yes | X |  | 5 | 30 |  | Lipids |
| **Platelets** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **PPN** | Yes | X |  | 15 | 200 |  | PPN |
| **Saline Flush 10 mL** | Yes | X |  | 1 | 500 |  |  |
| **TPN** | Yes | X |  | 10 | 150 |  | TPN |
| **TPN-Cyclic** | Yes | X |  | 15 | 175 |  | TPN |

### PCA Drugs

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  mL Only | | | | | | | | |
| **deferoxamine [SC]** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a |  |  | |  |  | | **Dosing Units**  ml | |
| Continuous Dose / h | n/a | 0.83 | 1.25 | |  | 0.83 | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) |  |  |  | | n/a |  | | **Clinical Advisory Name** | |
| Max Acc. Dose Range / 1 h | n/a | 0.83 | 1.25 | |  | 0.83 | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  500 mcg / 50 mL (10 mcg / mL) | | | | | | | | |
| **fentaNYL PCA10mcg/ml** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 2 | 50 | | 60 |  | | **Dosing Units**  mcg | |
| Continuous Dose / h | n/a | 10 | 60 | | 100 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 12 | 125 | | 150 |  | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  2,500 mcg / 50 mL (50 mcg / mL) | | | | | | | | |
| **fentaNYL PCA50mcg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 10 | 200 | | 300 |  | | **Dosing Units**  mcg | |
| Continuous Dose / h | n/a | 50 | 1,000 | | 1,500 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 50 | 1,800 | | 2,000 |  | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **HYDROmor PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 10 | | 12 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.2 | 15 | | 30 |  | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  10 mg / 50 mL (0.2 mg / mL) | | | | | | | | |
| **HYDROmor PCA0.2mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.05 | 1 | | 2 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.1 | 2 | | 3 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 0.6 | 3 | | 4.4 |  | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  10 mg / 1 mL (10 mg / mL) | | | | | | | | |
| **HYDROmor SC 10mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.4 | 10 | | 20 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.4 | 20 | | 30 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name** | |
| Max Acc. Dose Range / 1 h | n/a | 0.4 | 30 | | 60 |  | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  50 mg / 50 mL (1 mg / mL) | | | | | | | | |
| **Morphine PCA 1mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 0.2 | 5 | | 10 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 0.5 | 5 | | 10 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 1.25 | 15 | | 22 |  | |

| **PCA Drugs - ONCOLOGY** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Concentrations:**  250 mg / 50 mL (5 mg / mL) | | | | | | | | |
| **Morphine PCA 5 mg/mL** |
| **Concentration Limits** | **Conc. Units** | | | **Hard Min** | | | **Soft Min** | | **Soft Max** |
| n/a | | |  | | |  | |  |
| **Limits** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | | **Hard**  **Max** | **Initial**  **Value** | | **PCA Pause Protocol:**  No | |
| PCA Dose | n/a | 1 | 25 | | 30 |  | | **Dosing Units**  mg | |
| Continuous Dose / h | n/a | 1 | 50 | | 100 |  | |
| Bolus Dose | n/a |  |  | |  | n/a | | **Max Accum. Includes Bolus?**  No | |
| Loading Dose | n/a |  |  | |  | n/a | |
| Lockout Interval (minutes) | 5 | 6 | 30 | | n/a |  | | **Clinical Advisory Name**  Double Check by 2 RN | |
| Max Acc. Dose Range / 1 h | n/a | 6 | 65 | | 100 |  | |

## OP Cancer Center

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - OP Cancer Center** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **cycloPHOSPHAmide [CI**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 20 | 150 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **daratumumab**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 28 | 320 |  |  |  |  |  |  |  |  |  |  | Filter |
| **deferoxamine [CI]**  0.5 gram / 500 mL (0.001 gram / mL)  1 gram / 500 mL (0.002 gram / mL)  1.5 gram / 500 mL (0.003 gram / mL)  2 gram / 500 mL (0.004 gram / mL)  2.5 gram / 500 mL (0.005 gram / mL)  3 gram / 500 mL (0.006 gram / mL) | X  X  X  X  X  X |  | N/A | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [SC]**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **elotuzumab**  --- mg / --- mL | X |  | YES | **Continuous**  mg/min | 1 | 16 |  |  |  |  |  |  |  |  |  |  | Filter |
| **naloxone**  0.5 mg / 250 mL (0.002 mg / mL)  4 mg / 250 mL (0.016 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/h | 0.24 | 2.5 |  |  |  |  |  |  |  |  |  |  |  |
| **obinutuzumab**  100 mg / 100 mL (1 mg / mL)  800 mg / 250 mL (3.2 mg / mL)  900 mg / 250 mL (3.6 mg / mL)  1,000 mg / 250 mL (4 mg / mL)  1,600 mg / 500 mL (3.2 mg / mL) | X  X  X  X  X |  | N/A | **Continuous**  mg/h | 25 | 400 | 401 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ofatumumab [1000mg]**  2 mg / 1 mL (2 mg / mL) | X |  | N/A | **Continuous**  mg/h | 12 | 800 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ofatumumab [2000mg]**  2 mg / 1 mL (2 mg / mL) | X |  | N/A | **Continuous**  mg/h | 24 | 800 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **ofatumumab [300mg]**  0.3 mg / 1 mL (0.3 mg / mL) | X |  | N/A | **Continuous**  mg/h | 3.6 | 60 |  |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |
| **riTUXimab**  --- mg / --- mL | X |  | YES | **Continuous**  mg/h | 49 | 401 | 500 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - OP Cancer Center** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **cycloPHOSPHAmide [CI**  NonWeightBased | X |  | mg/mL | 2 |  | 20 |
| **daratumumab**  NonWeightBased | X |  | mg/mL | 0.5 |  | 3.5 |
| **deferoxamine [SC]**  NonWeightBased | X |  | mg/mL | 190 |  | 200 |
| **elotuzumab**  NonWeightBased | X |  | mg/mL | 1 |  | 6 |
| **riTUXimab**  NonWeightBased | X |  | mg/mL | 1 |  | 4 |

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - OP Cancer Center** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **ado-trastuzumab** | X | X | mg/kg | 2.4 | 3.6 |  | --- mg / --- mL | X |  | 00:25 | 00:30 | 01:35 |  | No |  |  |  | Double Check by 2 RN |
| **agalsidase beta** | X | X | mg/kg | 0.5 | 1.1 |  | --- mg / --- mL | X |  | 01:00 | 01:20 | 06:00 | 01:30 | No |  |  |  | Filter |
| **albumin 25% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 100 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 |  | n/a |  |  |  |
| **albumin 5% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 250 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 500 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |
| **alemtuzumab** | X | X | mg | 10 | 31 | 32 | --- mg / --- mL | X |  | 01:50 | 01:55 | 02:05 | 02:00 | No |  |  |  |  |
| **antithymocyte EQUIN** | X | X | mg/kg | 10 | 40 | 41 | --- mg / --- mL | X |  | 03:59 | 04:00 | 24:00 |  | mg/mL | 0.05 | 0.1 | 4 | Filter |
| **arsenic trioxide** | X | X | mg/kg | 0.14 | 0.31 | 0.32 | --- mg / --- mL | X |  | 00:50 | 00:55 | 04:10 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **atezolizumab** | X | X | mg | 1,159 | 1,200 |  | 1,200 mg / 250 mL (4.8 mg / mL) | X |  | 00:25 | 00:27 | 01:05 |  | n/a |  |  |  | Double Check by 2 RN |
| **avelumab** | X | X | mg | 759 | 801 |  | 800 mg / 250 mL (3.2 mg / mL) | X |  | 00:55 | 00:58 | 01:30 |  | n/a |  |  |  | Filter 2nd RN |
| **avelumab** | X | X | mg/kg | 8 | 12 |  | --- mg / --- mL | X |  | 00:55 | 00:58 | 01:30 |  | No |  |  |  | Filter 2nd RN |
| **azaCITIDine** | X | X | mg/m2 | 16.5 | 75 | 76 | --- mg / --- mL | X |  | 00:10 | 00:20 | 00:40 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **azithromycin** | X | X | mg | 250 | 500 |  | 250 mg / 250 mL (1 mg / mL) | X |  |  | 02:54 | 03:30 | 03:00 | n/a |  |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| **belantamab mafodotin** | X | X | mg/kg | 1.5 | 2.8 | 3 | --- mg / --- mL | X |  | 00:25 | 00:28 | 03:00 | 00:30 | mg/mL | 0.1 |  | 2.2 | Double Check by 2 RN |
| **belimumab** | X | X | mg/kg | 9 | 11 | 12 | --- mg / --- mL | X |  | 00:55 | 00:58 | 03:00 | 01:00 | mg/mL | 1.5 |  | 10 |  |
| **bendamustine** | X | X | mg/m2 | 49 | 121 |  | --- mg / --- mL | X |  | 00:09 | 00:10 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **bevacizumab** | X | X | mg/kg | 5 | 15.1 |  | --- mg / --- mL | X |  | 00:20 | 00:24 | 02:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **bleomycin** | X | X | unit/m2 | 5 | 20 |  | --- unit / --- mL | X |  | 00:08 | 00:09 | 01:00 | 00:30 | unit/mL |  | 0.15 | 3 | Double Check by 2 RN |
| **bleomycin [testicul]** | X | X | unit/m2 | 20 | 30.1 |  | --- unit / --- mL | X |  | 00:08 | 00:09 | 01:00 | 00:10 | unit/mL |  | 0.15 | 3 | Double Check by 2 RN |
| **brentuximab** | X | X | mg/kg | 1.1 | 1.8 | 1.9 | --- mg / --- mL | X |  | 00:25 | 00:27 | 00:35 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **CABAZitaxel** | X | X | mg/m2 | 15 | 25 |  | --- mg / --- mL | X |  |  | 00:57 | 01:30 | 01:00 | mg/mL | 0.1 |  | 0.26 | Double Check by 2 RN |
| **CABAZitaxel** | X | X | mg | 25 | 60 |  | --- mg / --- mL | X |  |  | 00:57 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **calcium gluconate** | X | X | gram | 0.5 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  | 00:25 | 00:27 | 01:30 | 00:30 | n/a |  |  |  |  |
| **CARBOplatin**  ***DoseDesensitization*** | X | X | mg | 0.01 | 50 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  | Double Check by 2 RN |
| **CARBOplatin**  ***Non-Weight Based/AUC*** | X | X | mg | 100 | 900 | 1,125 | --- mg / --- mL | X |  |  | 00:27 | 01:05 |  | No |  |  |  | Double Check by 2 RN |
| **carfilzomib** | X | X | mg/m2 | 10 | 57 |  | --- mg / --- mL | X |  |  | 00:09 | 00:35 |  | No |  |  |  | Double Check by 2 RN |
| **carmustine**  ***Bone Marrow (BMT)*** | X | X | mg/m2 | 149 | 601 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 02:05 | 02:00 | mg/mL |  | 0.1 | 1 | Double Check by 2 RN |
| **carmustine**  ***Other Indication*** | X | X | mg/m2 | 149 | 201 | 250 | --- mg / --- mL | X |  | 00:50 | 00:55 | 02:05 |  | mg/mL |  | 0.1 | 1 | Double Check by 2 RN |
| **cefepime** | X | X | gram | 0.5 | 3 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **cefTAZidime** | X | X | gram | 0.4 | 2.1 |  | 0.5 gram / 50 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **cefTRIAXone** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **cemiplimab** | X | X | mg | 349 | 351 | 352 | 350 mg / 100 mL (3.5 mg / mL) | X |  | 00:24 | 00:25 | 00:40 | 00:30 | n/a |  |  |  | Filter |
| **cetuximab**  ***Loading Dose*** | X | X | mg/m2 | 250 | 500 |  | --- mg / --- mL | X |  |  | 00:55 | 02:00 | 00:55 | No |  |  |  | Filter |
| **cetuximab**  ***Maint Dose q week*** | X | X | mg/m2 | 249 | 500 |  | --- mg / --- mL | X |  |  | 00:55 | 02:30 | 00:55 | No |  |  |  | Filter |
| **cetuximab**  ***q 2 weeks*** | X | X | mg/m2 | 499 | 501 |  | --- mg / --- mL | X |  |  | 00:55 | 02:30 | 00:55 | No |  |  |  | Filter |
| **CISplatin** | X | X | mg/m2 | 19 | 100 | 101 | --- mg / --- mL | X |  | 00:25 | 00:30 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **cladribine** | X | X | mg/kg | 0.09 | 0.4 |  | --- mg / --- mL | X |  | 00:52 | 00:54 | 02:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **clofarabine** | X | X | mg | 40 | 140 |  | --- mg / --- mL | X |  |  | 00:55 | 02:10 | 02:00 | mg/mL | 0.14 | 0.15 | 0.5 | Double Check by 2 RN |
| **copper** | X | X | mg | 0.2 | 4.1 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 04:10 | 03:00 | No |  |  |  |  |
| **cycloPHOSPHAmide** | X | X | mg/m2 | 60 | 1,800 | 1,801 | --- mg / --- mL | X |  | 00:20 | 00:25 | 02:00 |  | mg/mL |  | 2 | 20 | Double Check by 2 RN |
| **cytarabine** | X | X | mg/m2 | 75 | 3,000 |  | --- mg / --- mL | X |  | 00:30 | 01:48 | 04:00 |  | No |  |  |  | Double Check by 2 RN |
| **dacarbazine** | X | X | mg/m2 | 50 | 850 | 851 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **DACTINomycin** | X | X | mcg/m2 | 400 | 600 | 1,000 | --- mcg / --- mL | X |  | 00:14 | 00:15 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **DACTINomycin** | X | X | mcg/kg | 12 | 15 |  | --- mcg / --- mL | X |  | 00:14 | 00:15 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **DACTINomycin q2weeks** | X | X | mg/m2 | 1 | 1.25 | 2 | --- mg / --- mL | X |  | 00:13 | 00:15 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **DAUNO+cytar [Vyxeos]** | X | X | mg/m2 | 28.5 | 44.5 | 45 | --- mg / --- mL | X |  | 01:15 | 01:20 | 01:40 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **decitabine** | X | X | mg/m2 | 500 | 2,000 |  | --- mg / --- mL | X |  |  | 01:00 | 03:00 | 02:00 | No |  |  |  | Double Check by 2 RN |
| **dexameth/ondansetron** | X | X | mg | 11 | 17 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | No |  |  |  |  |
| **dexamethasone** | X | X | mg | 12.1 | 20 |  | --- mg / --- mL | X |  |  | 00:09 | 00:20 | 00:15 | mg/mL |  | 0.24 | 0.4 |  |
| **dexrazoxane** | X | X | mg/m2 | 500 | 2,000 | 2,001 | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **diphenhydrAMINE** | X | X | mg | 12.5 | 50 |  | --- mg / --- mL | X |  |  | 00:15 | 00:20 | 00:15 | mg/mL |  | 0.5 | 1 |  |
| **DOCEtaxel**  ***q month*** | X | X | mg/m2 | 60 | 100 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 01:30 | 01:00 | mg/mL |  | 0.3 | 0.74 | Double Check by 2 RN |
| **DOCEtaxel**  ***q week*** | X | X | mg/m2 | 30 | 45 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 01:30 | 01:00 | mg/mL |  | 0.3 | 0.74 | Double Check by 2 RN |
| **DOXOrubicin** | X | X | mg/m2 | 15 | 60 | 61 | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | mg/mL |  | 0.1 | 2 | Double Check by 2 RN |
| **DOXOrubicin, liposo** | X | X | mg/m2 | 20 | 50 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **durvalumab** | X | X | mg/kg | 9.9 | 10.1 | 10.2 | --- mg / --- mL | X |  | 00:50 | 00:55 | 01:05 | 01:00 | No |  |  |  | Filter 2nd RN |
| **eculizumab** | X | X | mg | 299 | 1,201 | 1,202 | 900 mg / 180 mL (5 mg / mL) | X |  | 00:30 | 00:34 | 02:00 | 00:35 | n/a |  |  |  |  |
| 1,200 mg / 240 mL (5 mg / mL) | X |  | 00:30 | 00:34 | 02:00 | 00:35 | n/a |  |  |  |
| **etoposide** | X | X | mg/m2 | 35 | 100 | 101 | --- mg / --- mL | X |  | 00:50 | 00:55 | 02:05 | 01:00 | mg/mL |  | 0.1 | 0.4 | Double Check by 2 RN |
| **famotidine** | X | X | mg | 10 | 40 |  | 40 mg / 50 mL (0.8 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **fam-trastuzumab** | X | X | mg/kg | 3.2 | 6.4 |  | --- mg / --- mL | X |  | 00:25 | 00:30 | 01:35 |  | No |  |  |  | Filter 2nd RN |
| **ferric carboxymaltos** | X | X | mg | 300 | 751 | 1,000 | 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:12 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:12 | 00:30 | 00:15 | No |  |  |  |
| **ferumoxytol** | X | X | mg | 509 | 511 |  | 510 mg / 100 mL (5.1 mg / mL) | X |  |  | 00:14 | 00:20 | 00:15 | n/a |  |  |  |  |
| **filgrastim** | X | X | mcg | 300 | 480 |  | --- mcg / --- mL | X |  |  | 00:14 | 00:20 | 00:15 | No |  |  |  |  |
| **fluconazole** | X | X | mg | 49 | 600 | 800 | 100 mg / 50 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 400 mg / 200 mL (2 mg / mL) | X |  | 01:40 | 01:48 | 03:00 | 02:00 | n/a |  |  |  |
| **fluDARAbine** | X | X | mg/m2 | 10 | 40 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **fosapreptitant** | X | X | mg | 149 | 151 |  | 150 mg / 250 mL (0.6 mg / mL) | X |  |  | 00:25 | 00:45 | 00:30 | n/a |  |  |  |  |
| **furosemide[II]** | X | X | mg | 101 | 300 |  | --- mg / --- mL | X |  |  | 00:10 | 00:20 | 00:15 | mg/mL |  | 2 | 6 |  |
| **gemcitabine** | X | X | mg/m2 | 500 | 1,251 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:40 |  | mg/mL |  | 0.1 | 38 | Double Check by 2 RN |
| **granisetron** | X | X | mg | 0.5 | 1 |  | 1 mg / 50 mL (0.02 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **hemin** | X | X | mg/kg | 0.5 | 6.1 |  | --- mg / --- mL | X |  | 00:25 | 00:28 | 02:00 | 00:30 | No |  |  |  | Filter |
| **IFOSfamide** | X | X | gram/m2 | 0.8 | 3 | 3.6 | --- gram / --- mL | X |  | 00:25 | 00:27 | 02:00 | 00:30 | gram/mL |  | 0.6 | 20 | Double Check by 2 RN |
| **imiglucerase** | X | X | unit/kg | 2.5 | 60 |  | --- unit / --- mL | X |  | 00:50 | 00:53 | 02:00 | 01:00 | No |  |  |  | Filter |
| **immune glob (IVIG)** | X | X | gram | 2 | 99 | 150 | --- gram / --- mL | X |  |  | 01:00 | 40:00 |  | No |  |  |  | Hypersensitivity |
| **inotuzumab** | X | X | mg/m2 | 0.19 | 0.81 |  | --- mg / --- mL | X |  | 00:55 | 00:58 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **interferon alpha-2b** | X | X | unit/m2 | 10 | 20 |  | --- unit / --- mL | X |  | 00:15 | 00:18 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **ipilimumab**  ***melanoma*** | X | X | mg/kg | 2.9 | 10.1 |  | --- mg / --- mL | X |  |  | 01:25 | 03:00 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **ipilimumab**  ***non-melanoma*** | X | X | mg/kg | 0.9 | 3.1 |  | --- mg / --- mL | X |  |  | 00:28 | 02:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **irinotecan** | X | X | mg/m2 | 60 | 300 | 301 | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **irinotecan, liposom** | X | X | mg/m2 | 30 | 75 | 76 | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  |  |
| **iron sucrose** | X | X | mg | 99 | 501 |  | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:13 | 00:30 | 00:15 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| 400 mg / 250 mL (1.6 mg / mL) | X |  |  | 02:15 | 03:00 | 02:30 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 03:25 | 04:10 | 03:30 | n/a |  |  |  |
| **ixabepilone** | X | X | mg | 25 | 100 |  | --- mg / --- mL | X |  |  | 00:50 | 03:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **leucovorin [rescue]** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  |  | 00:10 | 00:30 | 00:15 | No |  |  |  |  |
| **leucovorin[IRONOtec]** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  |  |
| **leucovorin[oxal/5FU]** | X | X | mg | 1 | 1,000 |  | --- mg / --- mL | X |  | 01:40 | 01:48 | 02:30 | 02:00 | No |  |  |  |  |
| **levoFLOXacin** | X | X | mg | 200 | 750 | 751 | 250 mg / 50 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:53 | 00:54 | 01:30 | 01:00 | n/a |  |  |  |
| 750 mg / 150 mL (5 mg / mL) | X |  | 01:00 | 01:15 | 02:00 | 01:30 | n/a |  |  |  |
| **lurbinectedin** | X | X | mg/m2 | 1.9 | 3.3 |  | --- mg / --- mL | X |  | 00:55 | 00:58 | 03:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **magnesium [1 Gm]** | X | X | gram | 1 | 1.2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 01:00 | 00:30 | n/a |  |  |  |  |
| **mannitol [CI]** | X | X | gram | 6.25 | 50 |  | --- gram / --- mL | X |  | 00:30 | 01:00 | 02:00 |  | No |  |  |  | Filter |
| **mannitol 20%** | X | X | gram | 12.5 | 99 |  | 50 gram / 250 mL (0.2 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **mannitol 25%** | X | X | gram | 12.5 | 99 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  | 00:25 | 00:27 | 02:00 | 00:30 | n/a |  |  |  | Filter |
| **mannitol w/KCL [CI]** | X | X | gram | 6.25 | 50 |  | --- gram / --- mL | X |  | 00:30 | 01:00 | 02:00 |  | No |  |  |  | Filter |
| **melphalan** | X | X | mg/m2 | 99 | 201 |  | --- mg / --- mL | X |  | 00:14 | 00:15 | 01:00 |  | No |  |  |  | Double Check by 2 RN |
| **mesna** | X | X | mg | 500 | 15,000 |  | --- mg / --- mL | X |  |  | 00:05 | 24:00 |  | No |  |  |  |  |
| **mesna [BSA]** | X | X | mg/m2 | 225 | 3,600 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 03:00 |  | No |  |  |  |  |
| **methotrexate** | X | X | mg/m2 | 5 | 80 |  | --- mg / --- mL | X |  | 00:10 | 00:13 | 00:20 | 00:15 | mg/mL |  | 0.1 | 25 | Double Check by 2 RN |
| **methotrexate [High]** | X | X | gram/m2 | 3 | 12 |  | --- gram / --- mL | X |  | 01:40 | 01:48 | 04:00 | 02:00 | gram/mL |  | 0.1 | 25 | Double Check by 2 RN |
| **methylPREDNISolone** | X | X | mg | 125 | 5,000 |  | --- mg / --- mL | X |  | 00:12 | 00:14 | 01:00 | 00:15 | No |  |  |  |  |
| **mitoMYcin** | X | X | mg/m2 | 10 | 20 |  | --- mg / --- mL | X |  | 00:13 | 00:14 | 00:30 | 00:15 | No |  |  |  | Double Check by 2 RN |
| **mitoXANtrone** | X | X | mg/m2 | 10 | 14 |  | --- mg / --- mL | X |  | 00:20 | 00:25 | 24:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **nafcillin** | X | X | gram | 0.9 | 2.1 | 2.2 | 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |
| **natalizumab** | X | X | mg | 120 | 600 |  | --- mg / --- mL | X |  |  | 00:50 | 02:00 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **nivolumab** | X | X | mg | 239 | 481 | 482 | 240 mg / 100 mL (2.4 mg / mL) | X |  | 00:25 | 00:26 | 01:05 | 00:30 | n/a |  |  |  | Filter |
| 480 mg / 100 mL (4.8 mg / mL) | X |  | 00:25 | 00:26 | 01:05 | 00:30 | n/a |  |  |  |
| **nivolumab** | X | X | mg/kg | 0.5 | 3.1 |  | --- mg / --- mL | X |  | 00:25 | 00:26 | 01:05 | 00:30 | No |  |  |  | Filter |
| **nivolumab CA209 stud** | X | X | mg | 239 | 241 | 242 | 240 mg / 100 mL (2.4 mg / mL) | X |  | 00:50 | 00:55 | 01:05 | 01:00 | n/a |  |  |  | Filter |
| **ondansetron** | X | X | mg | 12.1 | 32 |  | --- mg / --- mL | X |  |  | 00:02 | 00:15 | 00:05 | No |  |  |  |  |
| **oxaliplatin** | X | X | mg/m2 | 65 | 131 |  | --- mg / --- mL | X |  | 01:40 | 01:48 | 06:00 | 02:00 | No |  |  |  | Double Check by 2 RN |
| **oxaliplatin [desent]** | X | X | mg/m2 | 0.01 | 100 |  | --- mg / --- mL | X |  |  | 00:54 | 01:10 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **PACLitaxel**  ***q 3 weeks*** | X | X | mg/m2 | 135 | 200 |  | --- mg / --- mL | X |  | 02:30 | 02:35 | 03:25 | 03:00 | mg/mL |  | 0.3 | 1.2 | Double Check by 2 RN |
| **PACLitaxel**  ***q week*** | X | X | mg/m2 | 50 | 100 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | mg/mL |  | 0.3 | 1.2 | Double Check by 2 RN |
| **PACLitaxel**  ***q week w/ radiation*** | X | X | mg/m2 | 30 | 50 |  | --- mg / --- mL | X |  | 00:50 | 00:54 | 02:00 | 01:00 | mg/mL |  | 0.3 | 1.2 | Double Check by 2 RN |
| **PACLItaxel Protein B** | X | X | mg/m2 | 100 | 260 |  | --- mg / --- mL | X |  | 00:28 | 00:29 | 00:40 | 00:30 | mg/mL | 4.8 | 4.9 | 5.1 | Double Check by 2 RN |
| **pamidronate** | X | X | mg | 59 | 91 |  | 30 mg / 500 mL (0.06 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |  |
| 60 mg / 500 mL (0.12 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| 90 mg / 500 mL (0.18 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 01:48 | 03:00 | 04:30 | 04:00 | No |  |  |  |
| **panitumumab** | X | X | mg/kg | 5.8 | 6.2 |  | --- mg / --- mL | X |  | 00:25 | 00:30 | 01:35 |  | No |  |  |  | Double Check by 2 RN |
| **pembrolizumab** | X | X | mg | 199 | 401 |  | 200 mg / 100 mL (2 mg / mL) | X |  | 00:25 | 00:27 | 00:40 | 00:30 | n/a |  |  |  | Filter 2nd RN |
| 400 mg / 100 mL (4 mg / mL) | X |  | 00:25 | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **pembrolizumab** | X | X | mg/kg | 5 | 15.1 |  | --- mg / --- mL | X |  | 00:20 | 00:24 | 01:00 | 00:30 | No |  |  |  | Filter 2nd RN |
| **pemetrexed** | X | X | mg/m2 | 500 | 501 |  | --- mg / --- mL | X |  | 00:08 | 00:09 | 00:15 | 00:10 | No |  |  |  | Double Check by 2 RN |
| **pentostatin** | X | X | mg/m2 | 2 | 4 |  | --- mg / --- mL | X |  | 00:15 | 00:17 | 00:30 | 00:20 | No |  |  |  | Double Check by 2 RN |
| **pertuzumab** | X | X | mg | 420 | 840 |  | --- mg / --- mL | X |  |  | 00:25 | 01:05 |  | No |  |  |  | Double Check by 2 RN |
| **phytonadione** | X | X | mg | 0.5 | 5 | 10 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:45 | 00:30 | No |  |  |  |  |
| **potassium chloride** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:29 | 01:00 | 03:00 | 01:00 | n/a |  |  |  |
| **potassium chloride** | X | X | mEq/kg | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| **potassium PHOSphate** | X | X | mmol | 5 | 15 | 16 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 00:02 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **prochlorperazine** | X | X | mg | 1 | 10 |  | --- mg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **promethazine** | X | X | mg | 6 | 25 |  | 6.25 mg / 50 mL (0.125 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  | Extravasation |
| 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| **ramucirumab** | X | X | mg | 400 | 2,000 |  | --- mg / --- mL | X |  |  | 00:55 | 01:10 | 01:00 | No |  |  |  | Filter |
| **rasburicase** | X | X | mg | 2.9 | 6 | 6.1 | 3 mg / 50 mL (0.06 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |  |
| 6 mg / 50 mL (0.12 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |
| **romiDEPsin** | X | X | mg/m2 | 9 | 14 |  | --- mg / --- mL | X |  |  | 03:55 | 04:05 | 04:00 | No |  |  |  | Double Check by 2 RN |
| **sacituzumab goviteca** | X | X | mg/kg | 4 | 10.1 |  | --- mg / --- mL | X |  | 00:55 | 01:00 | 06:00 | 03:00 | No |  |  |  | Double Check by 2 RN |
| **sodium phosphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **temozolomide** | X | X | mg | 75 | 300 |  | --- mg / --- mL | X |  |  | 01:20 | 02:00 | 01:30 | No |  |  |  | Double Check by 2 RN |
| **temsirolimus** | X | X | mg | 15 | 25 |  | --- mg / --- mL | X |  | 00:24 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **tisotumab vedotin** | X | X | mg | 60 | 200 | 201 | --- mg / --- mL | X |  | 00:25 | 00:28 | 00:45 | 00:30 | mg/mL | 0.69 | 0.7 | 2.4 | Filter 2nd RN |
| **topotecan**  ***Daily*** | X | X | mg/m2 | 0.75 | 1.5 |  | --- mg / --- mL | X |  | 00:20 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **topotecan**  ***q week*** | X | X | mg/m2 | 2 | 4 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trabectedin** | X | X | mg/m2 | 0.74 | 1.6 | 1.7 | --- mg / --- mL | X |  | 02:50 | 02:55 | 24:05 |  | No |  |  |  | Filter |
| **trastuzumab**  ***q 2 weeks*** | X | X | mg/kg | 4 | 5.9 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:30 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trastuzumab**  ***q 3 weeks*** | X | X | mg/kg | 6 | 6.2 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:30 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trastuzumab**  ***q week*** | X | X | mg/kg | 1.99 | 2.1 |  | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:30 | 00:30 | No |  |  |  | Double Check by 2 RN |
| **trilaciclib** | X | X | mg/m2 | 230 | 245 | 250 | --- mg / --- mL | X |  | 00:25 | 00:28 | 03:00 | 00:30 | mg/mL | 0.4 |  | 3.5 | 0.22 micron filter |
| **ziv-aflibercept** | X | X | mg | 200 | 600 |  | --- mg / --- mL | X |  |  | 00:55 | 01:30 | 01:00 | No |  |  |  | Double Check by 2 RN |
| **zoledronic [Zometa]** | X | X | mg | 3 | 4 |  | 3 mg / 100 mL (0.03 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |  |
| 3.3 mg / 100 mL (0.033 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 3.5 mg / 100 mL (0.035 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 4 mg / 100 mL (0.04 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |

### Fluids

| **Fluids - OP Cancer Center** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X |  | 1 | 999 |  |  |
| **..Bolus Fluid** | Yes | X |  | 99 | 999 |  |  |
| **..Flush Fluid** | Yes | X |  | 10 | 501 |  |  |
| **..KVO Fluid** | Yes | X |  | 0.1 | 31 |  |  |
| **.IVF + Additive** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + KCL 10mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 20mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 30mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 40mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + Sodium Acetat** | Yes | X | X | 10 | 250 | 500 |  |
| **.IVF + Sodium Bicarb** | Yes | X | X | 10 | 250 | 500 |  |
| **Blood (PRBCs)** | Yes | X |  | 1 | 999 |  |  |
| **Blood (whole)** | No | X | X | 1 | 999 |  |  |
| **Dextrose 10%** | Yes | X |  | 5 | 150 |  |  |
| **Fresh Frozen Plasma** | Yes | X |  | 199 | 301 |  |  |
| **Saline Flush 10 mL** | Yes | X |  | 1 | 500 |  |  |

### PCA Drugs

No drugs exist in this section.

## OP Infusion Center

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - OP Infusion Center** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **alpha 1 proteinase**  --- mg / --- mL | X |  | YES | **Continuous**  mg/min | 9 | 800 |  |  |  |  |  |  |  |  |  |  |  |
| **deferoxamine [CI]**  0.5 gram / 500 mL (0.001 gram / mL)  1 gram / 500 mL (0.002 gram / mL)  1.5 gram / 500 mL (0.003 gram / mL)  2 gram / 500 mL (0.004 gram / mL)  2.5 gram / 500 mL (0.005 gram / mL)  3 gram / 500 mL (0.006 gram / mL) | X  X  X  X  X  X |  | N/A | **Continuous**  mg/h | 30 | 300 |  |  |  |  |  |  |  |  |  |  |  |
| **furosemide**  100 mg / 100 mL (1 mg / mL) | X |  | N/A | **Continuous**  mg/h | 1 | 60 |  |  |  |  |  |  |  |  |  |  | Protect from Light |
| **naloxone**  4 mg / 250 mL (0.016 mg / mL) | X |  | N/A | **Continuous**  mcg/kg/h | 0.24 | 2.5 |  |  |  |  |  |  |  |  |  |  |  |
| **ocrelizumab**  300 mg / 250 mL (1.2 mg / mL)  600 mg / 500 mL (1.2 mg / mL) | X  X |  | N/A | **Continuous**  mg/h | 36 | 365 |  | 36 |  |  |  |  |  |  |  |  | Filter |
| **patisiran**  30 mg / 200 mL (0.15 mg / mL)  --- mg / --- mL | X  X |  | YES | **Continuous**  mg/min | 0.04 | 0.46 | 0.47 |  |  |  |  |  |  |  |  |  | Filter |
| **riTUXimab**  1,000 mg / 500 mL (2 mg / mL)  --- mg / --- mL | X  X |  | YES | **Continuous**  mg/h | 49 | 401 | 500 |  |  |  |  |  |  |  |  |  | Double Check by 2 RN |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

| **Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - OP Infusion Center** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Dosing Method** | **Module** | | **Concentration Limits** | | | |
| **P** | **S** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **alpha 1 proteinase**  NonWeightBased | X |  | mg/mL | 15 |  | 53 |
| **patisiran**  NonWeightBased | X |  | mg/mL | 0.05 |  | 0.15 |
| **riTUXimab**  NonWeightBased | X |  | mg/mL | 1 |  | 4 |

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - OP Infusion Center** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **abatecept** | X | X | mg | 250 | 1,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:20 | 00:35 | 00:30 | n/a |  |  |  | Filter |
| 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 00:20 | 00:35 | 00:30 | n/a |  |  |  |
| 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 00:20 | 00:35 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 00:20 | 00:35 | 00:30 | No |  |  |  |
| **acyclovir** | X | X | mg | 125 | 1,000 | 1,500 | --- mg / --- mL | X |  | 00:50 | 00:53 | 01:30 | 01:00 | No |  |  |  |  |
| **agalsidase beta** | X | X | mg/kg | 0.5 | 1.1 |  | --- mg / --- mL | X |  |  | 01:20 | 06:00 |  | No |  |  |  | 0.22 micron filter |
| **albumin 25% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 50 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 | 00:15 | n/a |  |  |  |  |
| 25 gram / 100 mL (0.25 gram / mL) | X |  |  | 00:15 | 04:00 | 00:15 | n/a |  |  |  |
| **albumin 5% [IVPB]** | X | X | gram | 12.5 | 25 |  | 12.5 gram / 250 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |  |
| 25 gram / 500 mL (0.05 gram / mL) | X |  |  | 00:30 | 04:00 |  | n/a |  |  |  |
| **ampho B (LIPID)** | X | X | mg | 80 | 750 |  | --- mg / --- mL | X |  | 01:40 | 01:45 | 03:00 | 02:00 | mg/mL | 0.2 | 1 | 2 |  |
| **ampicillin** | X | X | gram | 0.4 | 2.1 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:35 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:15 | 00:35 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:15 | 00:35 | 00:30 | No |  |  |  |
| **bamlanivimab/etesevi** | X | X | mg | 2,099 | 2,101 | 2,102 | 2,100 mg / 310 mL (6.7742 mg / mL) | X |  | 00:55 | 00:58 | 24:00 |  | n/a |  |  |  | 0.22 micron filter |
| **belimumab** | X | X | mg/kg | 9 | 11 | 12 | --- mg / --- mL | X |  | 00:55 | 00:58 | 03:00 | 01:00 | mg/mL | 1.5 |  | 10 |  |
| **bezlotoxumab** | X | X | mg/kg | 9 | 11 | 12 | --- mg / --- mL | X |  | 00:55 | 00:58 | 03:00 | 01:00 | mg/mL | 0.9 |  | 11 | 0.22 micron filter |
| **calcium gluconate** | X | X | gram | 0.5 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  | 00:25 | 00:27 | 01:30 | 00:30 | n/a |  |  |  |  |
| **casirivimab/imdevima** | X | X | mg | 1,199 | 1,201 | 1,202 | 1,200 mg / 260 mL (4.6154 mg / mL) | X |  | 00:55 | 00:58 | 03:00 | 01:00 | n/a |  |  |  | 0.22 micron filter |
| **caspoFUNGIN** | X | X | mg | 35 | 70 | 71 | 35 mg / 250 mL (0.14 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |  |
| 50 mg / 250 mL (0.2 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| 70 mg / 250 mL (0.28 mg / mL) | X |  | 00:53 | 00:54 | 02:00 | 01:00 | n/a |  |  |  |
| **ceFAZolin** | X | X | gram | 0.5 | 3 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 1.5 gram / 50 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| 3 gram / 100 mL (0.03 gram / mL) | X |  |  | 00:25 | 00:40 | 00:30 | n/a |  |  |  |
| **cefepime** | X | X | gram | 0.5 | 3 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 00:20 | 00:40 | 00:30 | No |  |  |  |
| **cefiderocol** | X | X | mg | 750 | 2,000 | 2,001 | 750 mg / 100 mL (7.5 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |  |
| 1,000 mg / 100 mL (10 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 1,500 mg / 100 mL (15 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| 2,000 mg / 100 mL (20 mg / mL) | X |  |  | 02:58 | 03:30 | 03:00 | n/a |  |  |  |
| **ceftaroline** | X | X | mg | 200 | 600 | 601 | 200 mg / 50 mL (4 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| 400 mg / 50 mL (8 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:04 | 01:30 | 01:00 | n/a |  |  |  |
| **cefTAZidime** | X | X | gram | 0.4 | 2.1 |  | 0.5 gram / 50 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:15 | 00:30 | 00:20 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:27 | 00:40 | 00:30 | n/a |  |  |  |
| **CefTAZidime/Avibacta** | X | X | gram | 0.94 | 2.5 | 2.6 | 0.94 gram / 50 mL (0.0188 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  | LASA |
| 1.25 gram / 100 mL (0.0125 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| 2.5 gram / 100 mL (0.025 gram / mL) | X |  |  | 01:50 | 02:10 | 02:00 | n/a |  |  |  |
| --- gram / --- mL | X |  |  | 01:50 | 02:10 | 02:00 | gram/mL | 0.008 | 0.04 | 0.41 |
| **cefTRIAXone** | X | X | gram | 1 | 2 |  | 1 gram / 50 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 50 mL (0.04 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |
| **clindamycin** | X | X | mg | 300 | 900 |  | 300 mg / 50 mL (6 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |  |
| 600 mg / 50 mL (12 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 900 mg / 50 mL (18 mg / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| **copper** | X | X | mg | 0.2 | 4.1 |  | --- mg / --- mL | X |  | 01:50 | 01:55 | 04:10 | 03:00 | No |  |  |  |  |
| **crizanlizumab-tmca** | X | X | mg/kg | 4.9 | 5.1 | 5.2 | --- mg / --- mL | X |  | 00:25 | 00:27 | 00:35 | 00:30 | No |  |  |  | Filter |
| **dalbavancin** | X | X | mg | 374 |  | 1,501 | 375 mg / 100 mL (3.75 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |  |
| 500 mg / 100 mL (5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,000 mg / 250 mL (4 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,125 mg / 250 mL (4.5 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| 1,500 mg / 500 mL (3 mg / mL) | X |  | 00:29 |  | 00:45 | 00:30 | n/a |  |  |  |
| **DAPTOmycin** | X | X | mg | 100 | 1,200 | 2,000 | --- mg / --- mL | X |  |  | 00:27 | 00:45 | 00:30 | No |  |  |  |  |
| **delafloxacin** | X | X | mg | 200 | 300 | 301 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **desmopressin** | X | X | mcg | 1 | 40 |  | --- mcg / --- mL | X |  | 00:12 | 00:13 | 00:30 | 00:15 | No |  |  |  |  |
| **dexamethasone** | X | X | mg | 12.1 | 20 |  | --- mg / --- mL | X |  |  | 00:09 | 00:20 | 00:10 | No |  |  |  |  |
| **diphenhydrAMINE** | X | X | mg | 12.5 | 50 |  | 50 mg / 50 mL (1 mg / mL) | X |  |  | 00:15 | 00:20 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:15 | 00:20 | 00:15 | No |  |  |  |
| **eculizumab** | X | X | mg | 299 | 1,201 | 1,202 | 300 mg / 60 mL (5 mg / mL) | X |  | 00:30 | 00:34 | 02:00 | 00:35 | n/a |  |  |  |  |
| 600 mg / 120 mL (5 mg / mL) | X |  | 00:30 | 00:34 | 02:00 | 00:35 | n/a |  |  |  |
| 900 mg / 180 mL (5 mg / mL) | X |  | 00:30 | 00:34 | 02:00 | 00:35 | n/a |  |  |  |
| 1,200 mg / 240 mL (5 mg / mL) | X |  | 00:30 | 00:34 | 02:00 | 00:35 | n/a |  |  |  |
| **edaravone** | X | X | mg | 29 | 31 |  | 30 mg / 100 mL (0.3 mg / mL) | X |  | 00:25 | 00:27 | 00:35 | 00:30 | n/a |  |  |  |  |
| **efgartigimod alfa** | X | X | mg | 100 | 1,200 | 1,201 | --- mg / --- mL | X |  | 00:55 | 00:58 | 01:30 | 01:00 | No |  |  |  | 0.22 micron filter |
| **eptinezumab** | X | X | mg | 99 | 301 | 305 | 100 mg / 100 mL (1 mg / mL) | X |  | 00:25 | 00:29 | 01:00 | 00:30 | n/a |  |  |  | 0.22 micron filter |
| 300 mg / 100 mL (3 mg / mL) | X |  | 00:25 | 00:29 | 01:00 | 00:30 | n/a |  |  |  |
| **eravacycline** | X | X | mg/kg | 0.8 | 1 | 1.2 | --- mg / --- mL | X |  |  | 00:58 | 01:30 | 01:00 | mg/mL | 0.18 | 0.2 | 0.6 |  |
| **ertapenem** | X | X | gram | 1 | 2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| **famotidine** | X | X | mg | 10 | 40 |  | 40 mg / 50 mL (0.8 mg / mL) | X |  |  | 00:09 | 00:15 | 00:10 | n/a |  |  |  |  |
| **ferric carboxymaltos** | X | X | mg | 300 | 751 | 1,000 | 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:12 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X |  |  | 00:12 | 00:30 | 00:15 | No |  |  |  |
| **ferumoxytol** | X | X | mg | 509 | 511 |  | 510 mg / 100 mL (5.1 mg / mL) | X |  |  | 00:14 | 00:20 | 00:15 | n/a |  |  |  |  |
| **gentamicin** | X | X | mg | 40 | 800 | 801 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **golimumab** | X | X | mg/kg | 50 | 400 |  | --- mg / --- mL | X |  |  | 00:25 | 00:40 | 00:30 | No |  |  |  | Filter |
| **imipen/cilas/relebac** | X | X | mg | 500 | 1,250 | 1,251 | 500 mg / 40 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  | LASA |
| 750 mg / 60 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,000 mg / 80 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| 1,250 mg / 100 mL (12.5 mg / mL) | X |  |  | 00:25 | 02:15 | 00:30 | n/a |  |  |  |
| **immune glob (IVIG)** | X | X | gram | 2 | 99.99 | 150 | --- gram / --- mL | X |  |  | 01:00 | 24:00 |  | No |  |  |  | Hypersensitivity |
| **inFLIXimab** | X | X | mg | 7 | 1,000 | 2,000 | --- mg / --- mL | X |  |  | 01:00 | 25:00 |  | No |  |  |  | Filter |
| **iron sucrose** | X | X | mg | 100 | 501 |  | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:13 | 00:30 | 00:15 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:27 | 01:00 | 00:30 | n/a |  |  |  |
| 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 01:20 | 02:00 | 01:30 | n/a |  |  |  |
| 400 mg / 250 mL (1.6 mg / mL) | X |  |  | 02:15 | 03:00 | 02:30 | n/a |  |  |  |
| 500 mg / 250 mL (2 mg / mL) | X |  |  | 03:25 | 04:10 | 03:30 | n/a |  |  |  |
| **isavuconazonium** | X | X | mg | 370 | 372 | 374 | 372 mg / 250 mL (1.488 mg / mL) | X |  | 00:57 | 00:58 | 02:00 | 01:00 | n/a |  |  |  | Filter |
| **lefamulin** | X | X | mg | 149 | 150 | 152 | 150 mg / 250 mL (0.6 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |  |
| **magnesium [1 Gm]** | X | X | gram | 1 | 1.2 |  | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 00:20 | 00:40 | 00:30 | n/a |  |  |  |  |
| **meropenem/vaborbact** | X | X | gram | 1 | 4 | 4.1 | 1 gram / 100 mL (0.01 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  | LASA |
| 2 gram / 250 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| 4 gram / 500 mL (0.008 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |
| **methylPREDNISolone** | X | X | mg | 125 | 1,001 |  | --- mg / --- mL | X |  |  | 00:13 | 01:00 | 00:15 | No |  |  |  |  |
| **nafcillin** | X | X | gram | 0.9 | 2.1 | 2.2 | 1 gram / 100 mL (0.01 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |  |
| 2 gram / 100 mL (0.02 gram / mL) | X |  | 00:20 | 00:25 | 01:05 | 00:30 | n/a |  |  |  |
| **natalizumab** | X | X | mg | 120 | 600 |  | --- mg / --- mL | X |  |  | 00:50 | 02:00 | 01:00 | No |  |  |  |  |
| **omadacylcine** | X | X | mg | 100 | 200 | 201 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:28 | 01:00 | 00:30 | n/a |  |  |  | Dedicated IV Line |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:58 | 01:30 | 01:00 | n/a |  |  |  |
| **ondansetron** | X | X | mg | 12.1 | 32 |  | --- mg / --- mL | X |  |  | 00:02 | 00:15 | 00:05 | No |  |  |  |  |
| **oritavancin** | X | X | gram | 1 | 1.2 | 1.4 | 1.2 gram / 1,000 mL (0.0012 gram / mL) | X |  |  | 02:58 | 04:00 | 03:00 | n/a |  |  |  |  |
| **pamidronate** | X | X | mg | 30 | 90 |  | 30 mg / 500 mL (0.06 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |  |
| 60 mg / 500 mL (0.12 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| 90 mg / 500 mL (0.18 mg / mL) | X |  | 01:48 | 03:00 | 04:30 | 04:00 | n/a |  |  |  |
| --- mg / --- mL | X |  | 01:48 | 03:00 | 04:30 | 04:00 | No |  |  |  |
| **pantoprazole [II]** | X | X | mg | 79 | 81 | 82 | 80 mg / 100 mL (0.8 mg / mL) | X |  |  | 00:13 | 00:20 | 00:15 | n/a |  |  |  |  |
| **pegloticase** | X | X | mg | 7.9 | 8.1 | 8.2 | 8 mg / 250 mL (0.032 mg / mL) | X |  | 01:50 | 01:55 | 03:00 | 02:00 | n/a |  |  |  | Hypersensitivity |
| **penicillin** | X | X | unit | 1 | 6 |  | 1 unit / 50 mL (0.02 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  | 1 unit= 1 million un |
| 2 unit / 50 mL (0.04 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 3 unit / 50 mL (0.06 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 4 unit / 50 mL (0.08 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| 5 unit / 50 mL (0.1 unit / mL) | X |  |  | 00:25 | 01:00 | 00:30 | n/a |  |  |  |
| --- unit / --- mL | X |  |  | 00:25 | 01:00 | 00:30 | No |  |  |  |
| **peramivir** | X | X | mg | 15 | 600 | 601 | 100 mg / 100 mL (1 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |  |
| 200 mg / 100 mL (2 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| 600 mg / 100 mL (6 mg / mL) | X |  |  | 00:14 | 01:00 | 00:30 | n/a |  |  |  |
| --- mg / --- mL | X |  |  | 00:14 | 01:00 | 00:30 | mg/mL | 0.15 |  | 6 |
| **phytonadione** | X | X | mg | 0.5 | 5 | 10 | --- mg / --- mL | X |  | 00:20 | 00:25 | 00:45 | 00:30 | No |  |  |  |  |
| **Plazomicin** | X | X | mg | 125 | 2,250 |  | --- mg / --- mL | X |  |  | 00:27 | 02:00 | 00:30 | mg/mL | 2.4 | 2.5 | 45 |  |
| **posaconazole** | X | X | mg | 299 | 300 | 301 | 300 mg / 250 mL (1.2 mg / mL) | X |  |  | 00:30 | 02:30 | 01:30 | n/a |  |  |  | 0.22 micron filter |
| **potassium chloride**  ***Central*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| 20 mEq / 100 mL (0.2 mEq / mL) | X |  | 00:29 | 01:00 | 03:00 | 01:00 | n/a |  |  |  |
| **potassium chloride**  ***Peripheral*** | X | X | mEq | 10 | 20 | 21 | 10 mEq / 100 mL (0.1 mEq / mL) | X |  | 00:29 | 01:00 | 02:00 | 01:00 | n/a |  |  |  | Irritant |
| **potassium PHOSphate** | X | X | mmol | 5 | 15 | 16 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **promethazine** | X | X | mg | 6.25 | 25 |  | 6.25 mg / 50 mL (0.125 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  | Extravasation |
| 12.5 mg / 50 mL (0.25 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| 25 mg / 50 mL (0.5 mg / mL) | X |  | 00:12 | 00:13 | 00:30 | 00:15 | n/a |  |  |  |
| **ravulizumab** | X | X | mg | 600 |  | 3,600 | --- mg / --- mL | X |  |  | 00:10 | 01:20 |  | mg/mL | 49 |  | 51 | 0.22 micron filter |
| **reslizumab** | X | X | mg/kg | 2.9 | 3.1 |  | --- mg / --- mL | X |  | 00:15 | 00:17 | 01:00 |  | No |  |  |  | Filter |
| **sarilumab** | X | X | mg | 399 | 400 | 401 | 400 mg / 100 mL (4 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **sodium phosphate** | X | X | mmol | 5 | 15 | 15.1 | 15 mmol / 250 mL (0.06 mmol / mL) | X |  | 02:00 | 03:00 | 06:00 | 03:30 | n/a |  |  |  |  |
| **sotrovimab** | X | X | mg | 499 | 501 | 502 | 500 mg / 108 mL (4.6296 mg / mL) | X |  | 00:25 | 00:28 | 02:00 | 00:30 | n/a |  |  |  | 0.22 micron filter |
| **spesolimab** | X | X | mg | 898 | 900 | 901 | 900 mg / 100 mL (9 mg / mL) | X |  | 01:25 |  | 02:00 | 01:30 | n/a |  |  |  | 0.22 micron filter |
| **tedizolid** | X | X | mg | 199 | 200 | 201 | 200 mg / 250 mL (0.8 mg / mL) | X |  |  | 00:57 | 02:00 | 01:00 | n/a |  |  |  |  |
| **teprotumumab-trbw** | X | X | mg | 449 | 3,001 |  | --- mg / --- mL | X |  | 00:55 | 00:58 | 02:00 |  | No |  |  |  |  |
| **tobramycin** | X | X | mg | 40 | 500 | 800 | --- mg / --- mL | X |  | 00:25 | 00:27 | 01:00 | 00:30 | No |  |  |  |  |
| **tocilizumab** | X | X | mg | 200 | 1,500 |  | --- mg / --- mL | X |  |  | 00:53 | 01:30 | 01:00 | No |  |  |  |  |
| **ustekinumab** | X | X | mg | 259 | 521 |  | 260 mg / 250 mL (1.04 mg / mL) | X |  |  | 00:55 | 01:15 | 01:00 | n/a |  |  |  | Filter |
| 390 mg / 250 mL (1.56 mg / mL) | X |  |  | 00:55 | 01:15 | 01:00 | n/a |  |  |  |
| 520 mg / 250 mL (2.08 mg / mL) | X |  |  | 00:55 | 01:15 | 01:00 | n/a |  |  |  |
| **vancomycin** | X | X | mg | 500 | 3,000 |  | 500 mg / 100 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |  |
| 750 mg / 250 mL (3 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,000 mg / 200 mL (5 mg / mL) | X |  |  | 00:55 | 01:30 | 01:00 | n/a |  |  |  |
| 1,250 mg / 250 mL (5 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,500 mg / 250 mL (6 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 1,750 mg / 250 mL (7 mg / mL) | X |  |  | 01:50 | 02:30 | 02:00 | n/a |  |  |  |
| 2,000 mg / 250 mL (8 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,250 mg / 250 mL (9 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 2,500 mg / 250 mL (10 mg / mL) | X |  |  | 02:20 | 03:00 | 02:30 | n/a |  |  |  |
| 3,000 mg / 500 mL (6 mg / mL) | X |  |  | 02:50 | 03:30 | 03:00 | n/a |  |  |  |
| **vedolizumab** | X | X | mg | 299 | 301 |  | 300 mg / 250 mL (1.2 mg / mL) | X |  | 00:20 | 00:25 | 00:35 | 00:30 | n/a |  |  |  |  |
| **zoledronic [Reclast]** | X | X | mg | 5 | 5.1 |  | 5 mg / 100 mL (0.05 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |  |
| **zoledronic [Zometa]** | X | X | mg | 3 | 4 |  | 3 mg / 100 mL (0.03 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |  |
| 3.3 mg / 100 mL (0.033 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 3.5 mg / 100 mL (0.035 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |
| 4 mg / 100 mL (0.04 mg / mL) | X |  | 00:15 | 00:17 | 00:30 | 00:20 | n/a |  |  |  |

### Fluids

| **Fluids - OP Infusion Center** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X |  | 1 | 999 |  |  |
| **..Bolus Fluid** | Yes | X |  | 99 | 999 |  |  |
| **..Flush Fluid** | Yes | X |  | 10 | 501 |  |  |
| **..KVO Fluid** | Yes | X |  | 0.1 | 31 |  |  |
| **.IVF + Additive** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + KCL 10mEq/L** | Yes | X |  | 1 | 999 |  |  |
| **.IVF + KCL 20mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 30mEq/L** | Yes | X |  | 1 | 500 |  |  |
| **.IVF + KCL 40mEq/L** | Yes | X |  | 1 | 250 |  |  |
| **.IVF + Sodium Acetat** | Yes | X | X | 10 | 250 | 500 |  |
| **.IVF + Sodium Bicarb** | Yes | X | X | 10 | 250 | 500 |  |
| **Blood (PRBCs)** | Yes | X |  | 20 | 200 |  | Dedicated IV Line |
| **Blood (whole)** | No | X |  | 1 | 999 |  | Dedicated IV Line |
| **Blood Product** | Yes | X |  | 74 | 301 |  |  |
| **Fresh Frozen Plasma** | Yes | X |  | 199 | 301 |  |  |
| **Saline Flush 10 mL** | Yes | X |  | 1 | 500 |  |  |

### PCA Drugs

No drugs exist in this section.

## Pediatric

### Continuous/Bolus - Non-Anesthesia Drugs

| **Continuous/Bolus - Non-Anesthesia Drugs - Pediatric** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy***  **Concentrations** | **Module** | | **Conc.**  **Limits** | **Dosing**  **Units** | **Continuous** | | | | **Bolus** | | | | **Bolus Dose Administration Rate** | | | | **Clinical Ads.**  **Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **Initial**  **Value** |
| **propofol**  500 mg / 50 mL (10 mg / mL)  1,000 mg / 100 mL (10 mg / mL) | X  X |  | N/A | **Continuous**  mcg/kg/min | 2.5 | 300 | 301 |  |  |  |  |  |  |  |  |  |  |

### Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

### Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

### Intermittent Drugs

| **Intermittent Drugs - Pediatric** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Drug Name**  ***Therapy*** | **Available**  **As** | | **Total Dose Limits** | | | | **Concentrations** | **Module** | | **Duration Limits (hh:mm)** | | | | **Concentration Limits** | | | | **Clinical Ads.**  **Name** |
| **Pri.** | **Sec.** | **Dosing**  **Units** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** | **P** | **S** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** | **Initial**  **Value** | **Conc.**  **Units** | **Hard**  **Min** | **Soft**  **Min** | **Soft**  **Max** |
| **acetaminophen**  ***<=50 kg*** | X | X | mg/kg | 6 | 17 | 20 | 1,000 mg / 100 mL (10 mg / mL) | X | X | 00:05 | 00:15 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X | X | 00:05 | 00:15 | 00:30 | 00:15 | mg/mL | 7 | 8 | 12 |
| **acetaminophen**  ***> 50 kg*** | X | X | mg | 250 | 1,100 | 1,250 | 1,000 mg / 100 mL (10 mg / mL) | X | X | 00:07 | 00:15 | 00:30 | 00:15 | n/a |  |  |  |  |
| --- mg / --- mL | X | X | 00:07 | 00:15 | 00:30 | 00:15 | mg/mL | 7 | 8 | 11 |
| **acyclovir** | X | X | mg/kg | 4 | 25 | 30 | --- mg / --- mL | X | X | 00:40 | 00:50 | 01:30 | 01:00 | mg/mL |  | 1 | 10 |  |
| **ampicillin**  ***<=30 kg*** | X | X | mg/kg | 20 | 120 |  | --- mg / --- mL | X | X | 00:03 | 00:08 | 01:30 | 00:15 | mg/mL |  | 15 | 105 |  |
| **ampicillin**  ***> 30 kg*** | X | X | mg | 500 | 3,000 |  | --- mg / --- mL | X | X | 00:03 | 00:08 | 01:30 | 00:15 | mg/mL |  | 15 | 105 |  |
| **ampicillin/sulbact** | X | X | mg | 1,000 | 3,000 | 5,000 | --- mg / --- mL | X | X |  | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 48 |  |
| **ampicillin/sulbact** | X | X | mg/kg | 30 | 180 |  | --- mg / --- mL | X | X |  | 00:10 | 01:00 | 00:30 | mg/mL |  | 10 | 48 |  |
| **ceFAZolin**  ***<=40 kg*** | X | X | mg/kg | 10 | 55 | 65 | --- mg / --- mL | X | X |  | 00:05 | 01:30 | 00:30 | mg/mL |  | 10 | 100 |  |
| **ceFAZolin**  ***> 40 kg*** | X | X | mg | 250 | 2,000 |  | --- mg / --- mL | X | X |  | 00:05 | 01:30 | 00:30 | mg/mL |  | 10 | 100 |  |
| **cefepime**  ***<=40 kg*** | X | X | mg/kg | 25 | 90 |  | --- mg / --- mL | X | X | 00:08 | 00:15 | 04:00 | 00:30 | mg/mL |  | 10 | 100 |  |
| **cefepime**  ***> 40 kg*** | X | X | mg | 500 | 2,000 |  | --- mg / --- mL | X | X | 00:08 | 00:15 | 04:00 | 00:30 | mg/mL |  | 10 | 100 |  |
| **cefotaxime**  ***<=50 kg*** | X | X | mg/kg | 21 | 115 |  | --- mg / --- mL | X | X | 00:02 | 00:03 | 01:00 | 00:30 | mg/mL |  | 10 | 150 |  |
| **cefotaxime**  ***> 50 kg*** | X | X | mg | 1,000 | 2,000 |  | --- mg / --- mL | X | X | 00:02 | 00:03 | 01:00 | 00:30 | mg/mL |  | 10 | 150 |  |
| **cefTAZidime**  ***<=40 kg*** | X | X | mg/kg | 25 | 65 | 75 | --- mg / --- mL | X | X |  | 00:05 | 04:00 | 00:30 | mg/mL |  | 10 | 200 |  |
| **cefTAZidime**  ***> 40 kg*** | X | X | mg | 250 | 2,000 | 2,200 | --- mg / --- mL | X | X |  | 00:05 | 04:00 | 00:30 | mg/mL |  | 10 | 200 |  |
| **cefTRIAXone** | X | X | mg | 500 | 2,000 |  | --- mg / --- mL | X | X | 00:02 | 00:04 | 01:00 | 00:30 | mg/mL |  | 5 | 45 | Calcium/Ceftriaxone |
| **cefTRIAXone** | X | X | mg/kg | 20 | 120 |  | --- mg / --- mL | X | X | 00:02 | 00:04 | 01:00 | 00:30 | mg/mL |  | 5 | 45 | Calcium/Ceftriaxone |
| **clindamycin**  ***<=30 kg*** | X | X | mg/kg | 4 | 15 | 20 | --- mg / --- mL | X | X | 00:06 | 00:08 | 01:10 | 00:30 | mg/mL |  | 5 | 18 |  |
| **clindamycin**  ***> 30 kg*** | X | X | mg | 300 | 2,400 |  | --- mg / --- mL | X | X |  | 00:08 | 01:10 | 00:30 | mg/mL |  | 5 | 18 |  |
| **gentamicin** | X | X | mg/kg | 0.5 | 6 |  | --- mg / --- mL | X | X | 00:20 | 00:25 | 01:15 | 00:30 | mg/mL |  | 1 | 11 |  |
| **levETIRAcetam** | X | X | mg | 250 | 2,500 | 3,000 | --- mg / --- mL | X | X |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 5 | 15 |  |
| **levETIRAcetam** | X | X | mg/kg | 4.5 | 55 | 60 | --- mg / --- mL | X | X |  | 00:10 | 00:30 | 00:15 | mg/mL |  | 5 | 15 |  |
| **magnesium sulfate**  ***<=40 kg*** | X | X | mg/kg | 20 | 75 |  | --- mg / --- mL | X | X |  | 00:10 | 04:30 |  | mg/mL |  | 40 | 60 | Double Check by 2 RN |
| **magnesium sulfate**  ***> 40 kg*** | X | X | mg | 800 | 2,000 | 2,100 | --- mg / --- mL | X | X |  | 00:10 | 04:30 |  | mg/mL |  | 40 | 60 | Double Check by 2 RN |
| **mannitol [CI]** | X | X | gram/kg | 0.18 | 1.2 |  | --- gram / --- mL | X | X |  | 00:03 | 00:40 |  | gram/mL | 0.01 | 0.12 | 0.25 | Filter Mannitol |
| **methylPREDNISolone**  ***<15 mg/kg and <1gram*** | X | X | mg/kg | 0.25 | 3 | 20 | --- mg / --- mL | X | X | 00:03 | 00:14 | 01:00 | 00:30 | mg/mL |  | 1 | 130 |  |
| **methylPREDNISolone**  ***>15 mg/kg or >1gram*** | X | X | mg/kg | 10 | 35 |  | --- mg / --- mL | X | X | 00:25 | 00:29 | 05:00 | 01:00 | mg/mL |  | 1 | 130 |  |
| **metroNIDAZOLE** | X | X | mg | 250 | 1,500 | 2,000 | --- mg / --- mL | X | X | 00:25 | 00:50 | 03:00 | 01:00 | mg/mL |  | 4 | 9 |  |
| **metroNIDAZOLE** | X | X | mg/kg | 5.5 | 35 | 40 | --- mg / --- mL | X | X | 00:25 | 00:50 | 03:00 | 01:00 | mg/mL |  | 4 | 9 |  |
| **vancomycin** | X | X | mg/kg | 5 | 25 |  | --- mg / --- mL | X | X | 00:40 | 00:50 | 04:30 | 01:30 | mg/mL |  | 1 | 5 |  |

### Fluids

| **Fluids - Pediatric** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fluid Name**  ***Therapy*** | **Supports Secondary** | **Module** | | **Rate Limits (mL/h)** | | | **Clinical Ads. Name** |
| **P** | **S** | **Soft**  **Min** | **Soft**  **Max** | **Hard**  **Max** |
| **...Maintenance Fluid** | Yes | X | X | 0.1 | 500 |  |  |

### PCA Drugs

No drugs exist in this section.

# Configuration Settings

## PC Unit

| **Settings** | | | | | | | | | | | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alarm Audio Profile | | | | | | | | | | | Profile 1 | Profile 1 | Profile 1 | Profile 1 | Profile 1 | Profile 1 | Profile 1 | Profile 1 | Profile 1 | Profile 1 |  |
| Minimum Audio Volume | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| Default Audio Volume | | | | | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |  |
| Anesthesia Mode | | | | | | | | | | | Disabled | Enabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Battery Meter Display | | | | | | | | | | | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Color Display | | | | | | | | | | | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Key Click Audio | | | | | | | | | | | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Limit Checking | | | | | | | | | | | Always | Always | Always | Always | Always | Always | Always | Always | Always | Always |  |
| Max Patient BSA (m2) | | | | | | | | | | | 3 | 3 | 3 | 3 | 0.5 | 3 | 3 | 3 | 3 | 3 |  |
| Max Patient Weight (kg) | | | | | | | | | | | 500 | 500 | 500 | 500 | 7 | 500 | 500 | 500 | 500 | 500 |  |
| Patient ID Entry | | | | | | | | | | | Disabled | Enabled | Enabled | Disabled | Enabled | Disabled | Disabled | Enabled | Disabled | Enabled |  |
| Preventive Maintenance Reminder | | | | | | | | | | | Disabled | Disabled | Enabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Tamper Resistant | | | | | | | | | | | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Authorized User Mode | | | | | | | | | | | Enabled | Disabled | Disabled | Enabled | Disabled | Enabled | Enabled | Disabled | Enabled | Disabled |  |
| No Guardrails Basic Infusion Clinical Advisory | | | | | | | | | | | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| **Clinical Advisory Message:** This infusion selection DOES NOT have Guardrails Protection |  |  |  |  |  |  |  |  |  |  | | | | | | |  |

## Pump Module

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Accumulated Air-In-Line | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Air-In-Line (microliter) | 75 | 75 | 75 | 75 | 50 | 75 | 75 | 75 | 75 | 75 |  |
| Auto-Restart Attempts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| KVO Rate Adjust (mL/h) | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 1 | 1 |  |
| Max Occlusion Pressure (mmHg) | 525 | 525 | 525 | 525 | 300 | 525 | 525 | 525 | 525 | 525 |  |
| Default Pressure (mmHg) | 525 | 525 | 525 | 525 | 300 | 525 | 525 | 525 | 525 | 525 |  |
| Maximum Rate (mL/h) | 999 | 999 | 999 | 999 | 999 | 999 | 999 | 999 | 999 | 999 |  |
| Maximum VTBI (mL) | 9,999 | 9,999 | 9,999 | 9,999 | 150 | 9,999 | 9,999 | 9,999 | 9,999 | 9,999 |  |
| Pressure Mode Lock Status | Unlocked | Unlocked | Unlocked | Unlocked | Locked | Unlocked | Unlocked | Unlocked | Unlocked | Unlocked |  |
| Pressure Mode Selection | Pump | Pump | Pump | Pump | Pump | Pump | Pump | Pump | Pump | Pump |  |
| Secondary Infusion | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| SEC-PRI Audio Alert | Enabled | Enabled | Enabled | Enabled | Disabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |

## Syringe Module

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| All Mode | Disabled | Disabled | Disabled | Disabled | Enabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Auto Occlusion Pressure | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Back-Off After Occlusion | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Fast-Start | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| KVO Option | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| KVO Rate Adjust (mL/h) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| KVO Volume Adjust (%) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| Near End of Infusion (Continuous, Fluids, Basic) | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Alert Time (Continuous, Fluids, Basic) (minutes) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| Near End of Infusion (Intermittent) | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Alert Time (Intermittent) (minutes) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| Occlusion Pressure Limit With Disc (mmHg) | 1,000 | 1,000 | 500 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |  |
| Occlusion Pressure Limit No Disc | High | High | High | High | High | High | High | High | High | High |  |
| Priming | Disabled | Disabled | Enabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |

## Shared Infusion Settings (Pump and Syringe)

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Delay Start Options | Enabled | Enabled | Disabled | Enabled | Disabled | Enabled | Enabled | Disabled | Disabled | Disabled |  |
| Delay Start Callback | BeforeAndAfter | BeforeAndAfter | n/a | BeforeAndAfter | n/a | BeforeAndAfter | BeforeAndAfter | n/a | n/a | n/a |  |
| Drug Calculation | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Drug Calculation Bolus Dose | Enabled | Enabled | Disabled | Enabled | Enabled | Enabled | Enabled | Disabled | Disabled | Disabled |  |
| Pressure Dynamic Display | Disabled | Disabled | Enabled | Disabled | Enabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Volume/Duration | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |

## PCA Module

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bolus Delivery Rate (mL/h) | 150 | 150 | 150 | 150 | 75 | 150 | 150 | 150 | 150 | 150 |  |
| Dose Request Cord (Profile) | 1 | 2 | 2 | 1 | 3 | 1 | 1 | 2 | 2 | 2 |  |
| Max Dose Limit | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Max Dose Limit Time Window (h) | 1 | 4 | 4 | 1 | 1 | 1 | 1 | 4 | 4 | 4 |  |
| Module Location Enforcement | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Near End of Infusion | Enabled | Disabled | Disabled | Enabled | Enabled | Enabled | Enabled | Disabled | Disabled | Disabled |  |
| Near End 0f Infusion Alert Time (%) | 5 | n/a | n/a | 5 | 10 | 10 | 5 | n/a | n/a | n/a |  |
| Pressure Limit | High | High | High | High | Medium | High | High | High | High | High |  |
| Priming | Enabled | Enabled | Enabled | Enabled | Disabled | Enabled | Enabled | Enabled | Enabled | Enabled |  |
| Security Access Level | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| Security Code | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |

## Shared Infusion Settings (PCA and Syringe)

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Maximum Rate (mL/h) | 999 | 999 | 999 | 999 | 999 | 999 | 999 | 999 | 999 | 999 |  |
| NEOI Snooze | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| NEOI Snooze Time (minutes) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |

## EtCO2 Module

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Alarm Limit Type | Adult | Adult | Adult | Adult | Adult | Adult | Adult | Adult | Adult | Adult |  |
| EtCO2 High (mmHg) | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |  |
| EtCO2 Low (mmHg) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
| Respiratory Rate High (bpm) | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |  |
| Respiratory Rate Low (bpm) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |  |
| No Breath Alarm (Seconds) | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |  |
| FiCO2 High (mmHg) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |  |
| Waveform Time Scale (Seconds) | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |

## PCA Pause Protocol

### PCA Pause Protocol Settings

| **Settings** | | | | | | | | | | | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PCA Pause Protocol Enabled | | | | | | | | | | | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled | Disabled |  |
| Available for | | | | | | | | | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| Monitoring Module Attach Enforcement | | | | | | | | | | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| **PCA Pause Protocol:** PCA Infusion has paused due to a decline in respiratory status. Check Patient! |  |  |  |  |  |  |  |  |  |  | | | | | | |  |

### PCA Pause Protocol (EtCO2) Settings

| **Settings** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Resp. Rate Lower Limit (bpm) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |
| Resp. Rate Initial Value (bpm) | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |  |

# Channel Labels

| **Channel Labels** | **Adult Critical Care** | **Anesthesia** | **Investigational** | **Med/Surg** | **NICU** | **OB/LD** | **ONCOLOGY** | **OP Cancer Center** | **OP Infusion Center** | **Pediatric** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AMNIOTIC INFUSION | X |  |  | X |  | X | X |  |  |  |  |
| ARTERIAL LINE | X |  |  | X |  | X | X |  |  |  |  |
| AUTOTRANSFUSION | X |  |  | X |  | X | X |  |  |  |  |
| BLADDER IRRIGATION | X |  |  | X |  | X | X |  |  |  |  |
| BLOOD PRODUCTS | X |  |  | X |  | X | X |  |  |  |  |
| BLUE PORT | X |  |  | X |  | X | X |  |  |  |  |
| BROVIAC | X |  |  | X |  | X | X |  |  |  |  |
| CENTRAL LINE | X |  |  | X |  | X | X |  |  |  |  |
| CRRT | X |  |  | X |  | X | X |  |  |  |  |
| CSF DRAINAGE | X |  |  | X |  | X | X |  |  |  |  |
| CVP | X |  |  | X |  | X | X |  |  |  |  |
| CVVHDF DIALYSATE | X |  |  | X |  | X | X |  |  |  |  |
| DIALYSATE | X |  |  | X |  | X | X |  |  |  |  |
| DIALYSIS CATHETER | X |  |  | X |  | X | X |  |  |  |  |
| DISTAL LUMEN | X |  |  | X |  | X | X |  |  |  |  |
| EPIDURAL | X |  |  | X |  | X | X |  |  |  |  |
| FEMORAL LINE | X |  |  | X |  | X | X |  |  |  |  |
| FLUSH | X |  |  | X |  | X | X |  |  |  |  |
| GROSHONG | X |  |  | X |  | X | X |  |  |  |  |
| HICKMAN | X |  |  | X |  | X | X |  |  |  |  |
| IMPLANTED PORT | X |  |  | X |  | X | X |  |  |  |  |
| INTRAJUGULAR | X |  |  | X |  | X | X |  |  |  |  |
| INTRAOSSEOUS | X |  |  | X |  | X | X |  |  |  |  |
| INTRAPERITONEAL | X |  |  | X |  | X | X |  |  |  |  |
| INVESTIGATIONAL DRUG | X |  |  | X | X | X | X |  |  |  |  |
| IRRIGATION \*NOT IV\* | X |  |  | X | X | X | X |  |  |  |  |
| LA LINE | X |  |  | X |  | X | X |  |  |  |  |
| MEDIAL LUMEN | X |  |  | X |  | X | X |  |  |  |  |
| MEDIAL PORT | X |  |  | X |  | X | X |  |  |  |  |
| MIDLINE CATHETER | X |  |  | X |  | X | X |  |  |  |  |
| NON-FORMULARY |  |  |  |  | X |  |  |  |  |  |  |
| PA LINE | X |  |  | X |  | X | X |  |  |  |  |
| PERCUTANEOUS LINE | X |  |  | X |  | X | X |  |  |  |  |
| PERIPHERAL ART LINE | X |  |  | X |  | X | X |  |  |  |  |
| PERIPHERAL IV | X |  |  | X |  | X | X |  |  |  |  |
| PERIPHERAL LINE | X |  |  | X |  | X | X |  |  |  |  |
| PICC LINE | X |  |  | X |  | X | X |  |  |  |  |
| PICC LINE #1 | X |  |  | X |  | X | X |  |  |  |  |
| PICC LINE #2 | X |  |  | X |  | X | X |  |  |  |  |
| PROXIMAL LUMEN | X |  |  | X |  | X | X |  |  |  |  |
| RA LINE | X |  |  | X |  | X | X |  |  |  |  |
| RED PORT | X |  |  | X |  | X | X |  |  |  |  |
| REPLACEMENT FLUID | X |  |  | X |  | X | X |  |  |  |  |
| RESEARCH AGENT | X |  |  | X |  | X | X |  |  |  |  |
| SUBCLAVIAN | X |  |  | X |  | X | X |  |  |  |  |
| SUBCUTANEOUS | X |  |  | X |  | X | X |  |  |  |  |
| SWAN | X |  |  | X |  | X | X |  |  |  |  |
| TRANSHEPATIC LINE | X |  |  | X |  | X | X |  |  |  |  |
| UAC | X |  |  | X |  | X | X |  |  |  |  |
| UVC | X |  |  | X |  | X | X |  |  |  |  |
| WHITE PORT | X |  |  | X |  | X | X |  |  |  |  |
| WOUND IRRIGATION | X |  |  | X |  | X | X |  |  |  |  |

***Appendices***

1. Master List
   1. Master Drugs List

| **Master Drugs** | | |
| --- | --- | --- |
| **Drug Name** | **Concentrations** | **Used As** |
| abatecept | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| abatecept | 750 mg / 100 mL (7.5 mg / mL) | Intermittent |
| abatecept | 1,000 mg / 100 mL (10 mg / mL) | Intermittent |
| abatecept | --- mg / --- mL | Intermittent |
| abciximab | 7.2 mg / 250 mL (0.0288 mg / mL) | Cont/Bolus or PCA |
| abciximab | 7.4 mg / 250 mL (0.0296 mg / mL) | Cont/Bolus or PCA |
| abciximab | 9 mg / 250 mL (0.036 mg / mL) | Cont/Bolus or PCA |
| abciximab | --- mg / --- mL | Cont/Bolus or PCA |
| acetaminophen | 1,000 mg / 100 mL (10 mg / mL) | Intermittent |
| acetaminophen | --- mg / --- mL | Intermittent |
| acetaZOLAMIDE | --- mg / --- mL |  |
| acetylcysteine | 150 mg / 100 mL (1.5 mg / mL) | Intermittent |
| acetylcysteine | --- mg / --- mL | Intermittent |
| acetylcysteine | --- gram / --- mL | Intermittent |
| acyclovir | --- mg / --- mL | Intermittent |
| ado-trastuzumab | --- mg / --- mL | Intermittent |
| agalsidase beta | --- mg / --- mL | Intermittent |
| albumin 25% | 12.5 gram / 50 mL (0.25 gram / mL) | Intermittent |
| albumin 25% | 25 gram / 100 mL (0.25 gram / mL) | Intermittent |
| albumin 25% | --- gram / --- mL | Intermittent |
| albumin 25% [IVPB] | 12.5 gram / 50 mL (0.25 gram / mL) | Intermittent |
| albumin 25% [IVPB] | 25 gram / 100 mL (0.25 gram / mL) | Intermittent |
| albumin 5% | 12.5 gram / 250 mL (0.05 gram / mL) | Intermittent |
| albumin 5% | 25 gram / 500 mL (0.05 gram / mL) | Intermittent |
| albumin 5% | --- gram / --- mL | Intermittent |
| albumin 5% [IVPB] | 12.5 gram / 250 mL (0.05 gram / mL) | Intermittent |
| albumin 5% [IVPB] | 25 gram / 500 mL (0.05 gram / mL) | Intermittent |
| aldesleukin | --- unit / --- mL |  |
| alemtuzumab | --- mg / --- mL | Intermittent |
| alfentanil | --- mcg / --- mL |  |
| allopurinol | --- mg / --- mL | Intermittent |
| alpha 1 proteinase | --- mg / --- mL | Cont/Bolus or PCA |
| alprostadil | 500 mcg / 50 mL (10 mcg / mL) | Cont/Bolus or PCA |
| alprostadil | 500 mcg / 500 mL (1 mcg / mL) | Cont/Bolus or PCA |
| alprostadil | --- mcg / --- mL | Cont/Bolus or PCA |
| alteplase | 100 mg / 100 mL (1 mg / mL) | Intermittent |
| alteplase | --- mg / --- mL | Intermittent |
| alteplase[PAO/PE-CI] | 13 mg / 125 mL (0.104 mg / mL) | Cont/Bolus or PCA |
| alteplase[PAO/PE-CI] | 15 mg / 500 mL (0.03 mg / mL) | Cont/Bolus or PCA |
| alteplase[PAO/PE-CI] | 25 mg / 250 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| amifostine | --- mg / --- mL |  |
| amikacin | 250 mg / 250 mL (1 mg / mL) | Intermittent |
| amikacin | --- mg / --- mL | Intermittent |
| aminocaproic [load] | 5 gram / 250 mL (0.02 gram / mL) | Intermittent |
| aminocaproic acid | 5 gram / 250 mL (0.02 gram / mL) | Cont/Bolus or PCA |
| aminocaproic acid | 20 gram / 1,000 mL (0.02 gram / mL) | Cont/Bolus or PCA |
| aminocaproic acid | --- gram / --- mL | Cont/Bolus or PCA |
| aminocaproic[bypass] | 20 gram / 1,000 mL (0.02 gram / mL) | Cont/Bolus or PCA |
| aminophylline | 250 mg / 250 mL (1 mg / mL) |  |
| aminophylline | 500 mg / 500 mL (1 mg / mL) |  |
| aminophylline | 1,000 mg / 500 mL (2 mg / mL) |  |
| aminophylline | --- mg / --- mL |  |
| amiodarone | 150 mg / 100 mL (1.5 mg / mL) | Cont/Bolus or PCA |
| amiodarone | 360 mg / 200 mL (1.8 mg / mL) | Cont/Bolus or PCA |
| amiodarone | 450 mg / 250 mL (1.8 mg / mL) | Cont/Bolus or PCA |
| amiodarone | 900 mg / 500 mL (1.8 mg / mL) | Cont/Bolus or PCA |
| amiodarone [bolus] | 150 mg / 100 mL (1.5 mg / mL) | Intermittent |
| ammonium chloride | --- mEq / --- mL |  |
| ampho B (LIPID) | --- mg / --- mL | Intermittent |
| ampho B (liposomal) | --- mg / --- mL | Intermittent |
| ampho B cholesteryl | --- mg / --- mL |  |
| amphotericin B | --- mg / --- mL | Intermittent |
| ampicillin | --- mg / --- mL | Intermittent |
| ampicillin | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| ampicillin | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| ampicillin | --- gram / --- mL | Intermittent |
| ampicillin/sulbact | --- mg / --- mL | Intermittent |
| ampicillin/sulbact | 1.5 gram / 100 mL (0.015 gram / mL) | Intermittent |
| ampicillin/sulbact | 3 gram / 100 mL (0.03 gram / mL) | Intermittent |
| angiotensin II | 2.5 mg / 250 mL (0.01 mg / mL) | Cont/Bolus or PCA |
| angiotensin II | --- mg / --- mL | Cont/Bolus or PCA |
| antithrombin III | --- unit / --- mL | Intermittent |
| antithymocyte EQUIN | --- mg / --- mL | Intermittent |
| antithymocyte RABBI | --- mg / --- mL |  |
| argatroban | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| arsenic trioxide | --- mg / --- mL | Intermittent |
| ascorbic acid | 1,500 mg / 250 mL (6 mg / mL) | Intermittent |
| asparaginase | --- unit / --- mL |  |
| atezolizumab | 1,200 mg / 250 mL (4.8 mg / mL) | Intermittent |
| atracurium | 50 mg / 250 mL (0.2 mg / mL) |  |
| atracurium | --- mg / --- mL |  |
| avelumab | 800 mg / 250 mL (3.2 mg / mL) | Intermittent |
| avelumab | --- mg / --- mL | Intermittent |
| azaCITIDine | --- mg / --- mL | Intermittent |
| azaTHIOprine | --- mg / --- mL | Intermittent |
| azithromycin | 250 mg / 250 mL (1 mg / mL) | Intermittent |
| azithromycin | 500 mg / 250 mL (2 mg / mL) | Intermittent |
| azithromycin | --- mg / --- mL | Intermittent |
| aztreonam | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| aztreonam | 2,000 mg / 50 mL (40 mg / mL) | Intermittent |
| aztreonam | --- mg / --- mL | Intermittent |
| aztreonam | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| aztreonam | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| aztreonam | --- gram / --- mL | Intermittent |
| bactrim [SMX/TMP] | --- mg / --- mL | Intermittent |
| bamlanivimab/etesevi | 2,100 mg / 310 mL (6.7742 mg / mL) | Intermittent |
| basiliximab | 20 mg / 50 mL (0.4 mg / mL) |  |
| basiliximab | --- mg / --- mL |  |
| belantamab mafodotin | --- mg / --- mL | Intermittent |
| belimumab | --- mg / --- mL | Intermittent |
| bendamustine | --- mg / --- mL | Intermittent |
| bevacizumab | --- mg / --- mL | Intermittent |
| bezlotoxumab | --- mg / --- mL | Intermittent |
| bivalirudin | 250 mg / 50 mL (5 mg / mL) | Cont/Bolus or PCA |
| bivalirudin | 250 mg / 100 mL (2.5 mg / mL) | Cont/Bolus or PCA |
| bivalirudin | 1,000 mg / 250 mL (4 mg / mL) | Cont/Bolus or PCA |
| bleomycin | --- unit / --- mL | Intermittent |
| bleomycin [testicul] | --- unit / --- mL | Intermittent |
| blinatumomab (<45kg) | --- mcg / --- mL |  |
| blinatumomab (>45kg) | --- mcg / --- mL | Intermittent |
| brentuximab | --- mg / --- mL | Intermittent |
| bretylium | 1,000 mg / 250 mL (4 mg / mL) |  |
| bretylium | 2,000 mg / 250 mL (8 mg / mL) |  |
| bretylium | 2,000 mg / 500 mL (4 mg / mL) |  |
| bumetanide | 2.5 mg / 100 mL (0.025 mg / mL) | Cont/Bolus or PCA |
| bumetanide | 5 mg / 100 mL (0.05 mg / mL) | Cont/Bolus or PCA |
| bumetanide | 10 mg / 100 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| bumetanide | 12.5 mg / 50 mL (0.25 mg / mL) | Cont/Bolus or PCA |
| bumetanide | 25 mg / 100 mL (0.25 mg / mL) | Cont/Bolus or PCA |
| bumetanide | --- mg / --- mL | Cont/Bolus or PCA |
| bumetanide [IVPB] | --- mg / --- mL | Intermittent |
| bupivacaine | --- mg / --- mL |  |
| busulfan | --- mg / --- mL |  |
| CABAZitaxel | --- mg / --- mL | Intermittent |
| caffeine citrate | --- mg / --- mL | Intermittent |
| caffeine/sod benzoa | 500 mg / 1,000 mL (0.5 mg / mL) | Intermittent |
| caffeine/sod benzoa | --- mg / --- mL | Intermittent |
| calcium chloride | --- mg / --- mL |  |
| calcium chloride | --- mEq / --- mL |  |
| calcium gluc [CI] | 10 gram / 500 mL (0.02 gram / mL) | Cont/Bolus or PCA |
| calcium gluc [CI] | --- gram / --- mL | Cont/Bolus or PCA |
| calcium gluconate | --- mg / --- mL | Intermittent |
| calcium gluconate | 1 gram / 50 mL (0.02 gram / mL) | Intermittent |
| calcium gluconate | --- gram / --- mL | Intermittent |
| calcium gluconate | --- mEq / --- mL | Intermittent |
| Cangrelor | 50 mg / 250 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| carbenicillin | --- mg / --- mL |  |
| CARBOplatin | --- mg / --- mL | Intermittent |
| carfilzomib | --- mg / --- mL | Intermittent |
| carmustine | --- mg / --- mL | Intermittent |
| casirivimab/imdevima | 1,200 mg / 260 mL (4.6154 mg / mL) | Intermittent |
| caspoFUNGIN | 35 mg / 250 mL (0.14 mg / mL) | Intermittent |
| caspoFUNGIN | 50 mg / 250 mL (0.2 mg / mL) | Intermittent |
| caspoFUNGIN | 70 mg / 250 mL (0.28 mg / mL) | Intermittent |
| caspoFUNGIN | --- mg / --- mL | Intermittent |
| cefamandole | --- mg / --- mL |  |
| ceFAZolin | 500 mg / 50 mL (10 mg / mL) | Intermittent |
| ceFAZolin | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| ceFAZolin | 2,000 mg / 50 mL (40 mg / mL) | Intermittent |
| ceFAZolin | --- mg / --- mL | Intermittent |
| ceFAZolin | 1 gram / 50 mL (0.02 gram / mL) | Intermittent |
| ceFAZolin | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| ceFAZolin | 1.5 gram / 50 mL (0.03 gram / mL) | Intermittent |
| ceFAZolin | 2 gram / 50 mL (0.04 gram / mL) | Intermittent |
| ceFAZolin | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| ceFAZolin | 3 gram / 100 mL (0.03 gram / mL) | Intermittent |
| cefepime | --- mg / --- mL | Intermittent |
| cefepime | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| cefepime | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| cefepime | --- gram / --- mL | Intermittent |
| cefiderocol | 750 mg / 100 mL (7.5 mg / mL) | Intermittent |
| cefiderocol | 1,000 mg / 100 mL (10 mg / mL) | Intermittent |
| cefiderocol | 1,500 mg / 100 mL (15 mg / mL) | Intermittent |
| cefiderocol | 2,000 mg / 100 mL (20 mg / mL) | Intermittent |
| cefoperazone | --- mg / --- mL |  |
| cefotaxime | 500 mg / 50 mL (10 mg / mL) | Intermittent |
| cefotaxime | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| cefotaxime | 2,000 mg / 50 mL (40 mg / mL) | Intermittent |
| cefotaxime | 2,000 mg / 100 mL (20 mg / mL) | Intermittent |
| cefotaxime | --- mg / --- mL | Intermittent |
| cefoTEtan | 1,000 mg / 50 mL (20 mg / mL) |  |
| cefoTEtan | 2,000 mg / 50 mL (40 mg / mL) |  |
| cefoTEtan | --- mg / --- mL |  |
| cefOXitin | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| cefOXitin | 2,000 mg / 50 mL (40 mg / mL) | Intermittent |
| cefOXitin | --- mg / --- mL | Intermittent |
| cefOXitin | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| cefOXitin | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| ceftaroline | 200 mg / 50 mL (4 mg / mL) | Intermittent |
| ceftaroline | 300 mg / 50 mL (6 mg / mL) | Intermittent |
| ceftaroline | 400 mg / 50 mL (8 mg / mL) | Intermittent |
| ceftaroline | 600 mg / 50 mL (12 mg / mL) | Intermittent |
| cefTAZidime | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| cefTAZidime | 2,000 mg / 50 mL (40 mg / mL) | Intermittent |
| cefTAZidime | --- mg / --- mL | Intermittent |
| cefTAZidime | 0.5 gram / 50 mL (0.01 gram / mL) | Intermittent |
| cefTAZidime | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| cefTAZidime | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| CefTAZidime/Avibacta | 0.94 gram / 50 mL (0.0188 gram / mL) | Intermittent |
| CefTAZidime/Avibacta | 1.25 gram / 100 mL (0.0125 gram / mL) | Intermittent |
| CefTAZidime/Avibacta | 2.5 gram / 100 mL (0.025 gram / mL) | Intermittent |
| CefTAZidime/Avibacta | --- gram / --- mL | Intermittent |
| ceftizoxime | 1,000 mg / 50 mL (20 mg / mL) |  |
| ceftizoxime | 2,000 mg / 50 mL (40 mg / mL) |  |
| ceftizoxime | --- mg / --- mL |  |
| ceftolazane/tazobact | 150 mg / 100 mL (1.5 mg / mL) | Intermittent |
| ceftolazane/tazobact | 375 mg / 100 mL (3.75 mg / mL) | Intermittent |
| ceftolazane/tazobact | 750 mg / 100 mL (7.5 mg / mL) | Intermittent |
| ceftolazane/tazobact | 1,500 mg / 100 mL (15 mg / mL) | Intermittent |
| cefTRIAXone | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| cefTRIAXone | 2,000 mg / 50 mL (40 mg / mL) | Intermittent |
| cefTRIAXone | --- mg / --- mL | Intermittent |
| cefTRIAXone | 1 gram / 50 mL (0.02 gram / mL) | Intermittent |
| cefTRIAXone | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| cefTRIAXone | 2 gram / 50 mL (0.04 gram / mL) | Intermittent |
| cefTRIAXone | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| cefuroxime | 750 mg / 50 mL (15 mg / mL) | Intermittent |
| cefuroxime | 750 mg / 100 mL (7.5 mg / mL) | Intermittent |
| cefuroxime | 1,500 mg / 50 mL (30 mg / mL) | Intermittent |
| cefuroxime | 1,500 mg / 100 mL (15 mg / mL) | Intermittent |
| cefuroxime | --- mg / --- mL | Intermittent |
| cemiplimab | 350 mg / 100 mL (3.5 mg / mL) | Intermittent |
| cetuximab | --- mg / --- mL | Intermittent |
| chloramphenicol | --- mg / --- mL |  |
| chlorothiazide | --- mg / --- mL | Intermittent |
| chlorproMAZINE | 12.5 mg / 50 mL (0.25 mg / mL) | Intermittent |
| chlorproMAZINE | 25 mg / 50 mL (0.5 mg / mL) | Intermittent |
| chlorproMAZINE | 50 mg / 50 mL (1 mg / mL) | Intermittent |
| chlorproMAZINE | --- mg / --- mL | Intermittent |
| cidofovir | --- mg / --- mL |  |
| cimetidine | 300 mg / 50 mL (6 mg / mL) |  |
| cimetidine | --- mg / --- mL |  |
| ciprofloxacin | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| ciprofloxacin | 400 mg / 200 mL (2 mg / mL) | Intermittent |
| ciprofloxacin | --- mg / --- mL | Intermittent |
| cisATRAcurium | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| cisATRAcurium | 200 mg / 100 mL (2 mg / mL) | Cont/Bolus or PCA |
| cisATRAcurium | --- mg / --- mL | Cont/Bolus or PCA |
| CISplatin | --- mg / --- mL | Intermittent |
| CISplatin [DEP] | --- mg / --- mL | Intermittent |
| CISplatin [IntraPer] | --- mg / --- mL | Intermittent |
| cladribine | --- mg / --- mL | Intermittent |
| clevidipine | 25 mg / 50 mL (0.5 mg / mL) | Cont/Bolus or PCA |
| clevidipine | 50 mg / 100 mL (0.5 mg / mL) | Cont/Bolus or PCA |
| clindamycin | 300 mg / 50 mL (6 mg / mL) | Intermittent |
| clindamycin | 600 mg / 50 mL (12 mg / mL) | Intermittent |
| clindamycin | 900 mg / 50 mL (18 mg / mL) | Intermittent |
| clindamycin | --- mg / --- mL | Intermittent |
| clodronate | --- mg / --- mL |  |
| clofarabine | --- mg / --- mL | Intermittent |
| cloxacillin | --- mg / --- mL |  |
| CMV immunoglobulin | --- mg / --- mL |  |
| colistimethate | --- mg / --- mL | Intermittent |
| conivaptan[load] | 20 mg / 100 mL (0.2 mg / mL) | Intermittent |
| copper | --- mg / --- mL | Intermittent |
| cosyntropin | --- mcg / --- mL | Intermittent |
| cotrimoxazole | --- mg / --- mL |  |
| crizanlizumab-tmca | --- mg / --- mL | Intermittent |
| cycloPHOSPHAmide | --- mg / --- mL | Intermittent |
| cycloPHOSPHAmide [CI | --- mg / --- mL | Cont/Bolus or PCA |
| cycloSPORINE | --- mg / --- mL | Intermittent |
| cytarabine | --- mg / --- mL | Intermittent |
| cytarabine [CI] | --- mg / --- mL | Intermittent |
| dacarbazine | --- mg / --- mL | Intermittent |
| daclizumab | --- mg / --- mL |  |
| DACTINomycin | --- mcg / --- mL | Intermittent |
| DACTINomycin q2weeks | --- mg / --- mL | Intermittent |
| dalbavancin | 375 mg / 100 mL (3.75 mg / mL) | Intermittent |
| dalbavancin | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| dalbavancin | 750 mg / 250 mL (3 mg / mL) | Intermittent |
| dalbavancin | 1,000 mg / 250 mL (4 mg / mL) | Intermittent |
| dalbavancin | 1,125 mg / 250 mL (4.5 mg / mL) | Intermittent |
| dalbavancin | 1,500 mg / 500 mL (3 mg / mL) | Intermittent |
| danaparoid | --- unit / --- mL |  |
| dantrolene | --- mg / --- mL | Intermittent |
| DAPTOmycin | --- mg / --- mL | Intermittent |
| daratumumab | --- mg / --- mL | Cont/Bolus or PCA |
| DAUNO+cytar [Vyxeos] | --- mg / --- mL | Intermittent |
| DAUNOrubicin | --- mg / --- mL |  |
| DAUNOrubicin liposo | --- mg / --- mL |  |
| decitabine | --- mg / --- mL | Intermittent |
| deferoxamine [CI] | 0.5 gram / 500 mL (0.001 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [CI] | 1 gram / 500 mL (0.002 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [CI] | 1.5 gram / 500 mL (0.003 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [CI] | 2 gram / 500 mL (0.004 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [CI] | 2.5 gram / 500 mL (0.005 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [CI] | 3 gram / 500 mL (0.006 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [SC] | --- mg / --- mL | Cont/Bolus or PCA |
| deferoxamine [SC] | 1 gram / 10 mL (0.1 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [SC] | 2 gram / 10 mL (0.2 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [SC] | 3 gram / 15 mL (0.2 gram / mL) | Cont/Bolus or PCA |
| deferoxamine [SC] | mL Only | Cont/Bolus or PCA |
| delafloxacin | 200 mg / 250 mL (0.8 mg / mL) | Intermittent |
| delafloxacin | 300 mg / 250 mL (1.2 mg / mL) | Intermittent |
| denileukin | --- mcg / --- mL | Intermittent |
| desFEROXamine | --- mg / --- mL |  |
| desmopressin | --- mcg / --- mL | Intermittent |
| dexameth/ondansetron | --- mg / --- mL | Intermittent |
| dexamethasone | --- mg / --- mL | Intermittent |
| dexmedetomidine | 200 mcg / 50 mL (4 mcg / mL) | Cont/Bolus or PCA |
| dexmedetomidine | 200 mcg / 100 mL (2 mcg / mL) | Cont/Bolus or PCA |
| dexmedetomidine | 400 mcg / 100 mL (4 mcg / mL) | Cont/Bolus or PCA |
| dexmedetomidine | --- mcg / --- mL | Cont/Bolus or PCA |
| dexmetomidine [bolus | 200 mcg / 50 mL (4 mcg / mL) | Intermittent |
| dexrazoxane | --- mg / --- mL | Intermittent |
| dextran 40 | 50 gram / 500 mL (0.1 gram / mL) |  |
| dextran 40 | --- gram / --- mL |  |
| diazePAM | 50 mg / 50 mL (1 mg / mL) |  |
| diazePAM | --- mg / --- mL |  |
| digoxin | --- mcg / --- mL | Intermittent |
| digoxin | --- mg / --- mL | Intermittent |
| digoxin immune fab | 400 mcg / 50 mL (8 mcg / mL) | Intermittent |
| digoxin immune fab | --- mg / --- mL | Intermittent |
| dihydroergotamine | --- mg / --- mL | Intermittent |
| diltiaZEM | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| diltiaZEM | 125 mg / 125 mL (1 mg / mL) | Cont/Bolus or PCA |
| diltiaZEM | --- mg / --- mL | Cont/Bolus or PCA |
| dimenhyDRINATE | --- mg / --- mL |  |
| diphenhydrAMINE | 50 mg / 50 mL (1 mg / mL) | Intermittent |
| diphenhydrAMINE | --- mg / --- mL | Intermittent |
| dipyridamole | --- mg / --- mL |  |
| DOBUTamine | 1,000 mcg / 1 mL (1,000 mcg / mL) | Cont/Bolus or PCA |
| DOBUTamine | 2,000 mcg / 1 mL (2,000 mcg / mL) | Cont/Bolus or PCA |
| DOBUTamine | 4,000 mcg / 1 mL (4,000 mcg / mL) | Cont/Bolus or PCA |
| DOBUTamine | --- mcg / --- mL | Cont/Bolus or PCA |
| DOBUTamine | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| DOBUTamine | 500 mg / 250 mL (2 mg / mL) | Cont/Bolus or PCA |
| DOBUTamine | 1,000 mg / 250 mL (4 mg / mL) | Cont/Bolus or PCA |
| DOBUTamine | --- mg / --- mL | Cont/Bolus or PCA |
| DOCEtaxel | --- mg / --- mL | Intermittent |
| dolasetron | --- mg / --- mL |  |
| DOPamine | 400 mcg / 1 mL (400 mcg / mL) | Cont/Bolus or PCA |
| DOPamine | 800 mcg / 1 mL (800 mcg / mL) | Cont/Bolus or PCA |
| DOPamine | 1,600 mcg / 1 mL (1,600 mcg / mL) | Cont/Bolus or PCA |
| DOPamine | 3,200 mcg / 1 mL (3,200 mcg / mL) | Cont/Bolus or PCA |
| DOPamine | --- mcg / --- mL | Cont/Bolus or PCA |
| DOPamine | 400 mg / 250 mL (1.6 mg / mL) | Cont/Bolus or PCA |
| DOPamine | 400 mg / 500 mL (0.8 mg / mL) | Cont/Bolus or PCA |
| DOPamine | 800 mg / 250 mL (3.2 mg / mL) | Cont/Bolus or PCA |
| DOPamine | 800 mg / 500 mL (1.6 mg / mL) | Cont/Bolus or PCA |
| DOPamine | --- mg / --- mL | Cont/Bolus or PCA |
| doxaCURIUM | --- mg / --- mL |  |
| doxaPRAM | --- mg / --- mL |  |
| DOXO+Etop+VinCRIS | --- mg / --- mL | Intermittent |
| DOXO+Etoposide | --- mg / --- mL | Intermittent |
| DOXOrubicin | --- mg / --- mL | Intermittent |
| DOXOrubicin [CI] | --- mg / --- mL | Intermittent |
| DOXOrubicin, liposo | --- mg / --- mL | Intermittent |
| doxyCYCLINE | 100 mg / 250 mL (0.4 mg / mL) | Intermittent |
| doxyCYCLINE | 200 mg / 250 mL (0.8 mg / mL) | Intermittent |
| doxyCYCLINE | --- mg / --- mL | Intermittent |
| droperidol | --- mg / --- mL |  |
| drotrecogin | --- mg / --- mL |  |
| durvalumab | --- mg / --- mL | Intermittent |
| eculizumab | 300 mg / 60 mL (5 mg / mL) | Intermittent |
| eculizumab | 600 mg / 120 mL (5 mg / mL) | Intermittent |
| eculizumab | 900 mg / 180 mL (5 mg / mL) | Intermittent |
| eculizumab | 1,200 mg / 240 mL (5 mg / mL) | Intermittent |
| edaravone | 30 mg / 100 mL (0.3 mg / mL) | Intermittent |
| EDTA | --- mg / --- mL |  |
| efgartigimod alfa | --- mg / --- mL | Intermittent |
| elotuzumab | --- mg / --- mL | Cont/Bolus or PCA |
| enalaprilat | --- mg / --- mL | Intermittent |
| EPINEPHrine | 16 mcg / 1 mL (16 mcg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | 32 mcg / 1 mL (32 mcg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | 40 mcg / 1 mL (40 mcg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | 64 mcg / 1 mL (64 mcg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | 80 mcg / 1 mL (80 mcg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | --- mcg / --- mL | Cont/Bolus or PCA |
| EPINEPHrine | 4 mg / 250 mL (0.016 mg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | 8 mg / 250 mL (0.032 mg / mL) | Cont/Bolus or PCA |
| EPINEPHrine | 16 mg / 250 mL (0.064 mg / mL) | Cont/Bolus or PCA |
| epiRUBicin | --- mg / --- mL |  |
| epoprostenol | --- mg / --- mL | Cont/Bolus or PCA |
| eptifibatide | 75 mg / 100 mL (0.75 mg / mL) | Cont/Bolus or PCA |
| eptinezumab | 100 mg / 100 mL (1 mg / mL) | Intermittent |
| eptinezumab | 300 mg / 100 mL (3 mg / mL) | Intermittent |
| eptinezumab | --- mg / --- mL | Intermittent |
| eravacycline | --- mg / --- mL | Intermittent |
| ertapenem | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| erythromycin | 125 mg / 100 mL (1.25 mg / mL) | Intermittent |
| erythromycin | 250 mg / 100 mL (2.5 mg / mL) | Intermittent |
| erythromycin | 500 mg / 250 mL (2 mg / mL) | Intermittent |
| erythromycin | --- mg / --- mL | Intermittent |
| esmolol | 2,500 mg / 250 mL (10 mg / mL) | Cont/Bolus or PCA |
| esmolol | 5,000 mg / 250 mL (20 mg / mL) | Cont/Bolus or PCA |
| esmolol | --- mg / --- mL | Cont/Bolus or PCA |
| estrogen-uremic | 25 mg / 50 mL (0.5 mg / mL) | Intermittent |
| estrogen-uterine | 25 mg / 50 mL (0.5 mg / mL) | Intermittent |
| ethacrynic acid | --- mg / --- mL | Intermittent |
| ethanol 10% | --- gram / --- mL |  |
| ethanol 5% | --- gram / --- mL |  |
| etidronate | --- mg / --- mL |  |
| etomidate | --- mg / --- mL |  |
| etoposide | --- mg / --- mL | Intermittent |
| etoposide [CI] | --- mg / --- mL | Cont/Bolus or PCA |
| etoposide phosphate | --- mg / --- mL |  |
| factor IX | --- unit / --- mL | Intermittent |
| factor VIIa Novo[II] | --- mcg / --- mL | Intermittent |
| factor VIIa NovoSeve | --- mcg / --- mL | Cont/Bolus or PCA |
| factor VIII | --- unit / --- mL |  |
| factor VIII (8) | 10 unit / 1 mL (10 unit / mL) | Cont/Bolus or PCA |
| factor VIII (8) | 20 unit / 1 mL (20 unit / mL) | Cont/Bolus or PCA |
| factor VIII (8) | --- unit / --- mL | Cont/Bolus or PCA |
| factor VIII (8) Heli | --- unit / --- mL | Intermittent |
| factor VIII (8) Huma | --- unit / --- mL | Intermittent |
| factor VIIIa | --- unit / --- mL |  |
| famotidine | 20 mg / 50 mL (0.4 mg / mL) | Intermittent |
| famotidine | 40 mg / 50 mL (0.8 mg / mL) | Intermittent |
| famotidine | --- mg / --- mL | Intermittent |
| fam-trastuzumab | --- mg / --- mL | Intermittent |
| fat emulsion 10% | 10 gram / 100 mL (0.1 gram / mL) |  |
| fat emulsion 20% | 20 gram / 100 mL (0.2 gram / mL) |  |
| fat emulsion 30% | 30 gram / 100 mL (0.3 gram / mL) |  |
| feiba autoplex | --- unit / --- mL | Intermittent |
| fenoldopam | 10 mg / 250 mL (0.04 mg / mL) |  |
| fentaNYL | 4 mcg / 1 mL (4 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL | 12.5 mcg / 1 mL (12.5 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL | 1,000 mcg / 100 mL (10 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL | 1,250 mcg / 25 mL (50 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL | 2,500 mcg / 250 mL (10 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL | 5,000 mcg / 500 mL (10 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL | --- mcg / --- mL | Cont/Bolus or PCA |
| fentaNYL Intermitent | --- mcg / --- mL | Intermittent |
| fentaNYL PCA10mcg/ml | 500 mcg / 50 mL (10 mcg / mL) | Cont/Bolus or PCA |
| fentaNYL PCA50mcg/mL | 2,500 mcg / 50 mL (50 mcg / mL) | Cont/Bolus or PCA |
| ferric carboxymaltos | 750 mg / 250 mL (3 mg / mL) | Intermittent |
| ferric carboxymaltos | --- mg / --- mL | Intermittent |
| ferric gluconate Na | 125 mg / 100 mL (1.25 mg / mL) |  |
| ferumoxytol | 510 mg / 100 mL (5.1 mg / mL) | Intermittent |
| filgrastim | --- mcg / --- mL | Intermittent |
| floxuridine | --- mg / --- mL |  |
| fluconazole | 100 mg / 50 mL (2 mg / mL) | Intermittent |
| fluconazole | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| fluconazole | 400 mg / 200 mL (2 mg / mL) | Intermittent |
| fluconazole | --- mg / --- mL | Intermittent |
| fluDARAbine | --- mg / --- mL | Intermittent |
| flumazenil | 2.5 mg / 250 mL (0.01 mg / mL) | Cont/Bolus or PCA |
| fluorouracil | --- mg / --- mL | Intermittent |
| folic acid | --- mg / --- mL | Intermittent |
| fomepizole | --- mg / --- mL | Intermittent |
| fosapreptitant | 150 mg / 250 mL (0.6 mg / mL) | Intermittent |
| foscarnet | 100 mg / 50 mL (2 mg / mL) | Intermittent |
| foscarnet | --- mg / --- mL | Intermittent |
| fosphenytoin | --- mg / --- mL | Intermittent |
| furosemide | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| furosemide | 200 mg / 100 mL (2 mg / mL) | Cont/Bolus or PCA |
| furosemide | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| furosemide | 500 mg / 100 mL (5 mg / mL) | Cont/Bolus or PCA |
| furosemide | --- mg / --- mL | Cont/Bolus or PCA |
| furosemide[II] | --- mg / --- mL | Intermittent |
| ganciclovir | --- mg / --- mL | Intermittent |
| gancyclovir | --- mg / --- mL |  |
| ganisetron | --- mcg / --- mL |  |
| gatifloxacin | 200 mg / 100 mL (2 mg / mL) |  |
| gatifloxacin | 400 mg / 200 mL (2 mg / mL) |  |
| gatifloxacin | --- mg / --- mL |  |
| gemcitabine | --- mg / --- mL | Intermittent |
| gemtuzumab | --- mg / --- mL |  |
| gentamicin | 80 mg / 100 mL (0.8 mg / mL) | Intermittent |
| gentamicin | 120 mg / 100 mL (1.2 mg / mL) | Intermittent |
| gentamicin | --- mg / --- mL | Intermittent |
| glucagon | 5 mg / 100 mL (0.05 mg / mL) | Cont/Bolus or PCA |
| glucagon | 8 mg / 100 mL (0.08 mg / mL) | Cont/Bolus or PCA |
| glucagon | --- mg / --- mL | Cont/Bolus or PCA |
| glucoagon | --- mg / --- mL |  |
| glycopyrrolate | --- mcg / --- mL | Intermittent |
| glycopyrrolate | --- mg / --- mL | Intermittent |
| golimumab | --- mg / --- mL | Intermittent |
| granisetron | 1 mg / 50 mL (0.02 mg / mL) | Intermittent |
| granisetron | --- mg / --- mL | Intermittent |
| haloperidol | --- mg / --- mL | Intermittent |
| haloperidol [CI] | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| hemin | --- mg / --- mL | Intermittent |
| heparin | 10,000 unit / 1,000 mL (10 unit / mL) | Cont/Bolus or PCA |
| heparin | 25,000 unit / 250 mL (100 unit / mL) | Cont/Bolus or PCA |
| heparin | 25,000 unit / 500 mL (50 unit / mL) | Cont/Bolus or PCA |
| heparin | --- unit / --- mL | Cont/Bolus or PCA |
| hetastarch 6% | 30 gram / 500 mL (0.06 gram / mL) |  |
| hydrALAZINE | --- mg / --- mL | Intermittent |
| hydrALAZINE [CI] | 100 mg / 500 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| hydrochloric acid | 0.1 mEq / 1 mL (0.1 mEq / mL) |  |
| hydrochloric acid | 0.2 mEq / 1 mL (0.2 mEq / mL) |  |
| hydrochloric acid | --- mEq / --- mL |  |
| hydrocortisone | --- mg / --- mL | Intermittent |
| HYDROmor PCA 1mg/mL | 50 mg / 50 mL (1 mg / mL) | Cont/Bolus or PCA |
| HYDROmor PCA0.2mg/mL | 10 mg / 50 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| HYDROmor SC 10mg/mL | 10 mg / 1 mL (10 mg / mL) | Cont/Bolus or PCA |
| HYDROmorpho 0.2mg/mL | 20 mg / 100 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| HYDROmorpho 0.2mg/mL | 50 mg / 250 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| HYDROmorpho 0.2mg/mL | 100 mg / 500 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| HYDROmorphone | 20 mg / 100 mL (0.2 mg / mL) |  |
| HYDROmorphone | --- mg / --- mL |  |
| HYDROmorphone 1mg/mL | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| HYDROmorphone 1mg/mL | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| hydroxocobalamin | --- mg / --- mL | Intermittent |
| hydroxocobalamin | 5 gram / 200 mL (0.025 gram / mL) | Intermittent |
| ibuprofen lysine | --- mg / --- mL | Intermittent |
| ibutilide | 1 mg / 50 mL (0.02 mg / mL) | Intermittent |
| ibutilide | --- mg / --- mL | Intermittent |
| IDArubicin | --- mg / --- mL |  |
| idaruCIZUmab | 2.5 gram / 50 mL (0.05 gram / mL) | Intermittent |
| IFOSfamide | --- mg / --- mL | Intermittent |
| IFOSfamide | --- gram / --- mL | Intermittent |
| IFOSfamide [CI] | --- mg / --- mL | Intermittent |
| IFOSfamide [CI] | --- gram / --- mL | Intermittent |
| iloprost | --- mcg / --- mL |  |
| imiglucerase | --- unit / --- mL | Intermittent |
| imipen/cilas/relebac | 500 mg / 40 mL (12.5 mg / mL) | Intermittent |
| imipen/cilas/relebac | 750 mg / 60 mL (12.5 mg / mL) | Intermittent |
| imipen/cilas/relebac | 1,000 mg / 80 mL (12.5 mg / mL) | Intermittent |
| imipen/cilas/relebac | 1,250 mg / 100 mL (12.5 mg / mL) | Intermittent |
| imipenem/cilastatin | 500 mg / 100 mL (5 mg / mL) |  |
| imipenem/cilastatin | --- mg / --- mL |  |
| immune glob (IVIG) | 5 gram / 100 mL (0.05 gram / mL) | Intermittent |
| immune glob (IVIG) | 10 gram / 100 mL (0.1 gram / mL) | Intermittent |
| immune glob (IVIG) | 20 gram / 200 mL (0.1 gram / mL) | Intermittent |
| immune glob (IVIG) | --- gram / --- mL | Intermittent |
| immune globulin Rho | --- gram / --- mL |  |
| inamrinone | 100 mg / 100 mL (1 mg / mL) |  |
| inamrinone | 300 mg / 60 mL (5 mg / mL) |  |
| indomethacin | --- mg / --- mL | Intermittent |
| inFLIXimab | --- mg / --- mL | Intermittent |
| inotuzumab | --- mg / --- mL | Intermittent |
| insulin | 5 unit / 50 mL (0.1 unit / mL) | Cont/Bolus or PCA |
| insulin | 10 unit / 100 mL (0.1 unit / mL) | Cont/Bolus or PCA |
| insulin | 100 unit / 100 mL (1 unit / mL) | Cont/Bolus or PCA |
| insulin | 250 unit / 250 mL (1 unit / mL) | Cont/Bolus or PCA |
| insulin | --- unit / --- mL | Cont/Bolus or PCA |
| interferon alpha-2b | --- unit / --- mL | Intermittent |
| ipilimumab | --- mg / --- mL | Intermittent |
| irinotecan | --- mg / --- mL | Intermittent |
| irinotecan, liposom | --- mg / --- mL | Intermittent |
| iron DEXTRAN | --- mg / --- mL |  |
| iron sucrose | 100 mg / 100 mL (1 mg / mL) | Intermittent |
| iron sucrose | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| iron sucrose | 300 mg / 250 mL (1.2 mg / mL) | Intermittent |
| iron sucrose | 400 mg / 250 mL (1.6 mg / mL) | Intermittent |
| iron sucrose | 500 mg / 250 mL (2 mg / mL) | Intermittent |
| iron sucrose | --- mg / --- mL | Intermittent |
| isavuconazonium | 372 mg / 250 mL (1.488 mg / mL) | Intermittent |
| isoniazid | --- mg / --- mL | Intermittent |
| isoproterenol | 1 mg / 250 mL (0.004 mg / mL) | Cont/Bolus or PCA |
| isoproterenol | 2 mg / 250 mL (0.008 mg / mL) | Cont/Bolus or PCA |
| isoproterenol | --- mg / --- mL | Cont/Bolus or PCA |
| itraconazole | --- mg / --- mL |  |
| ixabepilone | --- mg / --- mL | Intermittent |
| kcentra | 1,500 unit / 60 mL (25 unit / mL) | Intermittent |
| kcentra | --- unit / --- mL | Intermittent |
| ketamine | 50 mg / 50 mL (1 mg / mL) | Cont/Bolus or PCA |
| ketamine | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| ketamine | 200 mg / 100 mL (2 mg / mL) | Cont/Bolus or PCA |
| ketamine | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| ketamine | 500 mg / 250 mL (2 mg / mL) | Cont/Bolus or PCA |
| ketamine | --- mg / --- mL | Cont/Bolus or PCA |
| ketorolac | --- mg / --- mL |  |
| labetalol | 200 mg / 200 mL (1 mg / mL) | Cont/Bolus or PCA |
| labetalol | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| labetalol | 500 mg / 250 mL (2 mg / mL) | Cont/Bolus or PCA |
| labetalol | 1,000 mg / 500 mL (2 mg / mL) | Cont/Bolus or PCA |
| labetalol | --- mg / --- mL | Cont/Bolus or PCA |
| lacosamide | --- mg / --- mL | Intermittent |
| lefamulin | 150 mg / 250 mL (0.6 mg / mL) | Intermittent |
| lepirudin | 100 mg / 250 mL (0.4 mg / mL) |  |
| lepirudin | --- mg / --- mL |  |
| leucovorin | --- mg / --- mL | Intermittent |
| leucovorin [rescue] | --- mg / --- mL | Intermittent |
| leucovorin[IRONOtec] | --- mg / --- mL | Intermittent |
| leucovorin[oxal/5FU] | --- mg / --- mL | Intermittent |
| levETIRAcetam | --- mg / --- mL | Intermittent |
| levobupivicaine | --- mg / --- mL |  |
| levoFLOXacin | 250 mg / 50 mL (5 mg / mL) | Intermittent |
| levoFLOXacin | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| levoFLOXacin | 750 mg / 150 mL (5 mg / mL) | Intermittent |
| levoFLOXacin | --- mg / --- mL | Intermittent |
| levothyroxine | --- mcg / --- mL | Intermittent |
| lidocaine | 1,000 mg / 250 mL (4 mg / mL) | Cont/Bolus or PCA |
| lidocaine | 2,000 mg / 500 mL (4 mg / mL) | Cont/Bolus or PCA |
| lidocaine | --- mg / --- mL | Cont/Bolus or PCA |
| linezolid | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| linezolid | 600 mg / 300 mL (2 mg / mL) | Intermittent |
| linezolid | --- mg / --- mL | Intermittent |
| liothyronine | --- mcg / --- mL |  |
| LORazepam | 20 mg / 100 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| LORazepam | 40 mg / 100 mL (0.4 mg / mL) | Cont/Bolus or PCA |
| LORazepam | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| LORazepam | 120 mg / 60 mL (2 mg / mL) | Cont/Bolus or PCA |
| LORazepam | --- mg / --- mL | Cont/Bolus or PCA |
| lurbinectedin | --- mg / --- mL | Intermittent |
| magnesium [1 Gm] | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| magnesium [2Gm-ICU] | 2 gram / 50 mL (0.04 gram / mL) | Intermittent |
| magnesium [4Gm load] | 4 gram / 100 mL (0.04 gram / mL) | Intermittent |
| magnesium [6Gm load] | 2 gram / 50 mL (0.04 gram / mL) | Intermittent |
| magnesium [6Gm load] | 6 gram / 100 mL (0.06 gram / mL) | Intermittent |
| magnesium [maint] | 20 gram / 500 mL (0.04 gram / mL) | Cont/Bolus or PCA |
| magnesium [maint] | 40 gram / 1,000 mL (0.04 gram / mL) | Cont/Bolus or PCA |
| magnesium sulfate | --- mg / --- mL | Intermittent |
| magnesium sulfate | 1 gram / 50 mL (0.02 gram / mL) | Intermittent |
| magnesium sulfate | 4 gram / 100 mL (0.04 gram / mL) | Intermittent |
| magnesium sulfate | 40 gram / 500 mL (0.08 gram / mL) | Intermittent |
| magnesium sulfate | --- gram / --- mL | Intermittent |
| mannitol [CI] | --- gram / --- mL | Intermittent |
| mannitol 10% | 100 gram / 1,000 mL (0.1 gram / mL) |  |
| mannitol 10% | --- gram / --- mL |  |
| mannitol 15% | 75 gram / 500 mL (0.15 gram / mL) |  |
| mannitol 15% | --- gram / --- mL |  |
| mannitol 20% | 50 gram / 250 mL (0.2 gram / mL) | Intermittent |
| mannitol 20% | --- gram / --- mL | Intermittent |
| mannitol 25% | 12.5 gram / 50 mL (0.25 gram / mL) | Intermittent |
| mannitol 25% | --- gram / --- mL | Intermittent |
| mannitol 5% | 50 gram / 1,000 mL (0.05 gram / mL) |  |
| mannitol 5% | --- gram / --- mL |  |
| mannitol w/KCL [CI] | --- gram / --- mL | Intermittent |
| mannitol,KCL,Mag[CI] | --- gram / --- mL | Intermittent |
| mechlorethamine | --- mg / --- mL |  |
| melphalan | --- mg / --- mL | Intermittent |
| meperidine | 10 mg / 1 mL (10 mg / mL) |  |
| meperidine | 500 mg / 50 mL (10 mg / mL) |  |
| meperidine | --- mg / --- mL |  |
| meropenem | --- mg / --- mL | Intermittent |
| meropenem | 0.5 gram / 100 mL (0.005 gram / mL) | Intermittent |
| meropenem | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| meropenem | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| meropenem/vaborbact | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| meropenem/vaborbact | 2 gram / 250 mL (0.008 gram / mL) | Intermittent |
| meropenem/vaborbact | 4 gram / 500 mL (0.008 gram / mL) | Intermittent |
| mesna | --- mg / --- mL | Intermittent |
| mesna | --- gram / --- mL | Intermittent |
| mesna [BSA] | --- mg / --- mL | Intermittent |
| mesna [CI] | --- mg / --- mL | Intermittent |
| methadone | --- mg / --- mL | Intermittent |
| methocarbamol | --- mg / --- mL |  |
| methohexitol | --- mg / --- mL |  |
| methotrexate | --- mg / --- mL | Intermittent |
| methotrexate | --- gram / --- mL | Intermittent |
| methotrexate [High] | --- mg / --- mL | Intermittent |
| methotrexate [High] | --- gram / --- mL | Intermittent |
| methotrexate [II] | --- mg / --- mL | Intermittent |
| methotrexate [II] | --- gram / --- mL | Intermittent |
| methyldopa | --- mg / --- mL | Intermittent |
| methylPRED [spin LD] | --- mg / --- mL | Intermittent |
| methylPRED[spin cord | --- mg / --- mL | Cont/Bolus or PCA |
| methylPREDNISolone | 125 mg / 10 mL (12.5 mg / mL) | Intermittent |
| methylPREDNISolone | --- mg / --- mL | Intermittent |
| metoclopramide | --- mg / --- mL | Intermittent |
| metoprolol | --- mg / --- mL | Intermittent |
| metroNIDAZOLE | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| metroNIDAZOLE | --- mg / --- mL | Intermittent |
| mezlocillin | --- mg / --- mL |  |
| miconazole | --- mg / --- mL |  |
| midazolam | 100 mcg / 1 mL (100 mcg / mL) | Cont/Bolus or PCA |
| midazolam | 200 mcg / 1 mL (200 mcg / mL) | Cont/Bolus or PCA |
| midazolam | --- mcg / --- mL | Cont/Bolus or PCA |
| midazolam | 0.1 mg / 1 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| midazolam | 0.2 mg / 1 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| midazolam | 50 mg / 50 mL (1 mg / mL) | Cont/Bolus or PCA |
| midazolam | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| midazolam | 125 mg / 125 mL (1 mg / mL) | Cont/Bolus or PCA |
| midazolam | 200 mg / 100 mL (2 mg / mL) | Cont/Bolus or PCA |
| midazolam | 500 mg / 500 mL (1 mg / mL) | Cont/Bolus or PCA |
| midazolam | --- mg / --- mL | Cont/Bolus or PCA |
| midazolam interm | --- mg / --- mL | Intermittent |
| milrinone | 75 mcg / 1 mL (75 mcg / mL) | Cont/Bolus or PCA |
| milrinone | 200 mcg / 1 mL (200 mcg / mL) | Cont/Bolus or PCA |
| milrinone | 0.2 mg / 1 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| milrinone | 20 mg / 100 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| milrinone | 40 mg / 200 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| milrinone | --- mg / --- mL | Cont/Bolus or PCA |
| minocycline | --- mg / --- mL |  |
| mitoMYcin | --- mg / --- mL | Intermittent |
| mitoXANtrone | --- mg / --- mL | Intermittent |
| morphine | 1 mg / 1 mL (1 mg / mL) | Intermittent |
| morphine | 30 mg / 30 mL (1 mg / mL) | Intermittent |
| morphine | 50 mg / 50 mL (1 mg / mL) | Intermittent |
| morphine | 100 mg / 100 mL (1 mg / mL) | Intermittent |
| morphine | --- mg / --- mL | Intermittent |
| morphine [1mg/mL] | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| morphine [1mg/mL] | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| morphine [5mg/mL] | 500 mg / 100 mL (5 mg / mL) | Cont/Bolus or PCA |
| Morphine PCA 1mg/mL | 50 mg / 50 mL (1 mg / mL) | Cont/Bolus or PCA |
| Morphine PCA 5 mg/mL | 250 mg / 50 mL (5 mg / mL) | Cont/Bolus or PCA |
| moxifloxacin | 400 mg / 250 mL (1.6 mg / mL) |  |
| moxifloxacin | --- mg / --- mL |  |
| MPDL3280A | 1,200 mg / 250 mL (4.8 mg / mL) |  |
| multivitamin 12 | --- unit / --- mL | Intermittent |
| muromonab | --- mg / --- mL |  |
| mycophenolate | 1,000 mg / 150 mL (6.6667 mg / mL) | Intermittent |
| mycophenolate | 1,500 mg / 250 mL (6 mg / mL) | Intermittent |
| mycophenolate | --- mg / --- mL | Intermittent |
| nafcillin | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| nafcillin | 2,000 mg / 100 mL (20 mg / mL) | Intermittent |
| nafcillin | --- mg / --- mL | Intermittent |
| nafcillin | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| nafcillin | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| nalbuphine | --- mg / --- mL | Intermittent |
| naloxone | 0.5 mg / 250 mL (0.002 mg / mL) | Cont/Bolus or PCA |
| naloxone | 2 mg / 500 mL (0.004 mg / mL) | Cont/Bolus or PCA |
| naloxone | 4 mg / 250 mL (0.016 mg / mL) | Cont/Bolus or PCA |
| naloxone | 10 mg / 100 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| naloxone | --- mg / --- mL | Cont/Bolus or PCA |
| natalizumab | --- mg / --- mL | Intermittent |
| navelbine | --- mg / --- mL |  |
| nesiritide | 1.5 mg / 250 mL (0.006 mg / mL) |  |
| niCARdipine | 20 mg / 200 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| niCARdipine | 25 mg / 250 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| niCARdipine | 50 mg / 500 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| niCARdipine | 125 mg / 250 mL (0.5 mg / mL) | Cont/Bolus or PCA |
| niCARdipine | --- mg / --- mL | Cont/Bolus or PCA |
| nitroglycerin | 25 mg / 250 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| nitroglycerin | 50 mg / 250 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| nitroglycerin | 100 mg / 250 mL (0.4 mg / mL) | Cont/Bolus or PCA |
| nitroglycerin | --- mg / --- mL | Cont/Bolus or PCA |
| nitroprusside | 50 mg / 250 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| nitroprusside | 100 mg / 250 mL (0.4 mg / mL) | Cont/Bolus or PCA |
| nitroprusside | --- mg / --- mL | Cont/Bolus or PCA |
| nivolumab | 240 mg / 100 mL (2.4 mg / mL) | Intermittent |
| nivolumab | 480 mg / 100 mL (4.8 mg / mL) | Intermittent |
| nivolumab | --- mg / --- mL | Intermittent |
| nivolumab CA209 stud | 240 mg / 100 mL (2.4 mg / mL) | Intermittent |
| norepinephrine | 4 mg / 250 mL (0.016 mg / mL) | Cont/Bolus or PCA |
| norepinephrine | 8 mg / 250 mL (0.032 mg / mL) | Cont/Bolus or PCA |
| norepinephrine | 16 mg / 250 mL (0.064 mg / mL) | Cont/Bolus or PCA |
| norepinephrine | --- mg / --- mL | Cont/Bolus or PCA |
| obinutuzumab | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| obinutuzumab | 800 mg / 250 mL (3.2 mg / mL) | Cont/Bolus or PCA |
| obinutuzumab | 900 mg / 250 mL (3.6 mg / mL) | Cont/Bolus or PCA |
| obinutuzumab | 1,000 mg / 250 mL (4 mg / mL) | Cont/Bolus or PCA |
| obinutuzumab | 1,600 mg / 500 mL (3.2 mg / mL) | Cont/Bolus or PCA |
| obinutuzumab | --- mg / --- mL | Cont/Bolus or PCA |
| ocrelizumab | 300 mg / 250 mL (1.2 mg / mL) | Cont/Bolus or PCA |
| ocrelizumab | 600 mg / 500 mL (1.2 mg / mL) | Cont/Bolus or PCA |
| octreotide | 10 mcg / 1 mL (10 mcg / mL) | Cont/Bolus or PCA |
| octreotide | 400 mcg / 40 mL (10 mcg / mL) | Cont/Bolus or PCA |
| octreotide | 500 mcg / 100 mL (5 mcg / mL) | Cont/Bolus or PCA |
| octreotide | 1,000 mcg / 250 mL (4 mcg / mL) | Cont/Bolus or PCA |
| octreotide | 1,250 mcg / 250 mL (5 mcg / mL) | Cont/Bolus or PCA |
| octreotide | 2,500 mcg / 250 mL (10 mcg / mL) | Cont/Bolus or PCA |
| octreotide | --- mcg / --- mL | Cont/Bolus or PCA |
| octreotide [II] | --- mcg / --- mL | Intermittent |
| ofatumumab [1000mg] | 2 mg / 1 mL (2 mg / mL) | Cont/Bolus or PCA |
| ofatumumab [2000mg] | 2 mg / 1 mL (2 mg / mL) | Cont/Bolus or PCA |
| ofatumumab [300mg] | 0.3 mg / 1 mL (0.3 mg / mL) | Cont/Bolus or PCA |
| omadacylcine | 100 mg / 100 mL (1 mg / mL) | Intermittent |
| omadacylcine | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| ondansetron | 4 mg / 50 mL (0.08 mg / mL) | Intermittent |
| ondansetron | 8 mg / 50 mL (0.16 mg / mL) | Intermittent |
| ondansetron | 32 mg / 50 mL (0.64 mg / mL) | Intermittent |
| ondansetron | --- mg / --- mL | Intermittent |
| oritavancin | 1.2 gram / 1,000 mL (0.0012 gram / mL) | Intermittent |
| oxacillin | 1,000 mg / 50 mL (20 mg / mL) | Intermittent |
| oxacillin | 2,000 mg / 100 mL (20 mg / mL) | Intermittent |
| oxacillin | --- mg / --- mL | Intermittent |
| oxacillin | 1 gram / 100 mL (0.01 gram / mL) | Intermittent |
| oxacillin | 2 gram / 100 mL (0.02 gram / mL) | Intermittent |
| oxaliplatin | --- mg / --- mL | Intermittent |
| oxaliplatin [desent] | --- mg / --- mL | Intermittent |
| oxytocin | 10 unit / 1,000 mL (0.01 unit / mL) |  |
| oxytocin | 20 unit / 1,000 mL (0.02 unit / mL) |  |
| oxytocin | 30 unit / 500 mL (0.06 unit / mL) |  |
| oxytocin | --- unit / --- mL |  |
| oxytocin induction | 30 unit / 500 mL (0.06 unit / mL) | Cont/Bolus or PCA |
| oxytocin p-hemorrhag | 30 unit / 500 mL (0.06 unit / mL) | Cont/Bolus or PCA |
| PACLitaxel | --- mg / --- mL | Intermittent |
| PACLItaxel Protein B | --- mg / --- mL | Intermittent |
| pamidronate | 30 mg / 500 mL (0.06 mg / mL) | Intermittent |
| pamidronate | 60 mg / 500 mL (0.12 mg / mL) | Intermittent |
| pamidronate | 90 mg / 250 mL (0.36 mg / mL) | Intermittent |
| pamidronate | 90 mg / 500 mL (0.18 mg / mL) | Intermittent |
| pamidronate | --- mg / --- mL | Intermittent |
| pancuronium | --- mg / --- mL |  |
| panitumumab | --- mg / --- mL | Intermittent |
| pantoprazole | 40 mg / 100 mL (0.4 mg / mL) | Cont/Bolus or PCA |
| pantoprazole | 80 mg / 100 mL (0.8 mg / mL) | Cont/Bolus or PCA |
| pantoprazole | 80 mg / 250 mL (0.32 mg / mL) | Cont/Bolus or PCA |
| pantoprazole | --- mg / --- mL | Cont/Bolus or PCA |
| pantoprazole [II] | 80 mg / 100 mL (0.8 mg / mL) | Intermittent |
| papaverine | --- mg / --- mL |  |
| patisiran | 30 mg / 200 mL (0.15 mg / mL) | Cont/Bolus or PCA |
| patisiran | --- mg / --- mL | Cont/Bolus or PCA |
| pegaspargase | --- unit / --- mL |  |
| pegloticase | 8 mg / 250 mL (0.032 mg / mL) | Intermittent |
| pembrolizumab | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| pembrolizumab | 400 mg / 100 mL (4 mg / mL) | Intermittent |
| pembrolizumab | --- mg / --- mL | Intermittent |
| pemetrexed | --- mg / --- mL | Intermittent |
| penicillin | 1 unit / 50 mL (0.02 unit / mL) | Intermittent |
| penicillin | 2 unit / 50 mL (0.04 unit / mL) | Intermittent |
| penicillin | 3 unit / 50 mL (0.06 unit / mL) | Intermittent |
| penicillin | 4 unit / 50 mL (0.08 unit / mL) | Intermittent |
| penicillin | 5 unit / 50 mL (0.1 unit / mL) | Intermittent |
| penicillin | --- unit / --- mL | Intermittent |
| pentamidine | --- mg / --- mL | Intermittent |
| PENTobarbital | 2,500 mg / 500 mL (5 mg / mL) | Intermittent |
| PENTobarbital | --- mg / --- mL | Intermittent |
| PENTobarbital [CI] | --- mg / --- mL | Cont/Bolus or PCA |
| pentostatin | --- mg / --- mL | Intermittent |
| peramivir | 100 mg / 100 mL (1 mg / mL) | Intermittent |
| peramivir | 200 mg / 100 mL (2 mg / mL) | Intermittent |
| peramivir | 600 mg / 100 mL (6 mg / mL) | Intermittent |
| peramivir | --- mg / --- mL | Intermittent |
| pertuzumab | --- mg / --- mL | Intermittent |
| PF-04518600 [Study] | --- mg / --- mL |  |
| PF-05082566 [Study] | 100 mg / 100 mL (1 mg / mL) |  |
| PF-05082566 [Study] | --- mg / --- mL |  |
| PHENobarbital | --- mg / --- mL | Intermittent |
| phentolamine | --- mg / --- mL |  |
| PHENYLephrine | 10 mg / 250 mL (0.04 mg / mL) | Cont/Bolus or PCA |
| PHENYLephrine | 20 mg / 250 mL (0.08 mg / mL) | Cont/Bolus or PCA |
| PHENYLephrine | 40 mg / 250 mL (0.16 mg / mL) | Cont/Bolus or PCA |
| PHENYLephrine | --- mg / --- mL | Cont/Bolus or PCA |
| phenytoin | 1,000 mg / 250 mL (4 mg / mL) | Intermittent |
| phenytoin | --- mg / --- mL | Intermittent |
| phytonadione | --- mg / --- mL | Intermittent |
| piperacillin | 2.25 gram / 50 mL (0.045 gram / mL) |  |
| piperacillin | 3.37 gram / 50 mL (0.0674 gram / mL) |  |
| piperacillin | 4.5 gram / 50 mL (0.09 gram / mL) |  |
| piperacillin/tazo | --- mg / --- mL | Intermittent |
| piperacillin/tazo | 0.75 gram / 50 mL (0.015 gram / mL) | Intermittent |
| piperacillin/tazo | 2.25 gram / 50 mL (0.045 gram / mL) | Intermittent |
| piperacillin/tazo | 2.25 gram / 100 mL (0.0225 gram / mL) | Intermittent |
| piperacillin/tazo | 3.37 gram / 50 mL (0.0674 gram / mL) | Intermittent |
| piperacillin/tazo | 3.37 gram / 100 mL (0.0337 gram / mL) | Intermittent |
| piperacillin/tazo | 4.5 gram / 50 mL (0.09 gram / mL) | Intermittent |
| piperacillin/tazo | 4.5 gram / 100 mL (0.045 gram / mL) | Intermittent |
| piperacillin/tazo | --- gram / --- mL | Intermittent |
| Plazomicin | --- mg / --- mL | Intermittent |
| plicamycin | --- mcg / --- mL |  |
| porfirmer | --- mg / --- mL |  |
| posaconazole | 300 mg / 250 mL (1.2 mg / mL) | Intermittent |
| potassium acetate | --- mEq / --- mL |  |
| potassium chloride | 10 mEq / 50 mL (0.2 mEq / mL) | Intermittent |
| potassium chloride | 10 mEq / 100 mL (0.1 mEq / mL) | Intermittent |
| potassium chloride | 20 mEq / 100 mL (0.2 mEq / mL) | Intermittent |
| potassium chloride | 40 mEq / 100 mL (0.4 mEq / mL) | Intermittent |
| potassium PHOSphate | --- mEq / --- mL | Intermittent |
| potassium PHOSphate | 15 mmol / 250 mL (0.06 mmol / mL) | Intermittent |
| procainamide | 1,000 mg / 250 mL (4 mg / mL) |  |
| procainamide | 2,000 mg / 250 mL (8 mg / mL) |  |
| procainamide | 2,000 mg / 500 mL (4 mg / mL) |  |
| procainamide [CI] | 2,000 mg / 500 mL (4 mg / mL) | Cont/Bolus or PCA |
| procainamide [II] | 1,000 mg / 250 mL (4 mg / mL) | Intermittent |
| procainamide [II] | --- mg / --- mL | Intermittent |
| prochlorperazine | --- mg / --- mL | Intermittent |
| promethazine | 6.25 mg / 50 mL (0.125 mg / mL) | Intermittent |
| promethazine | 12.5 mg / 50 mL (0.25 mg / mL) | Intermittent |
| promethazine | 25 mg / 50 mL (0.5 mg / mL) | Intermittent |
| promethazine | --- mg / --- mL | Intermittent |
| propofol | 500 mg / 50 mL (10 mg / mL) | Cont/Bolus or PCA |
| propofol | 1,000 mg / 100 mL (10 mg / mL) | Cont/Bolus or PCA |
| propofol | --- mg / --- mL | Cont/Bolus or PCA |
| propranolol | --- mg / --- mL | Intermittent |
| protamine [CVVH] | 250 mg / 250 mL (1 mg / mL) | Cont/Bolus or PCA |
| protamine sulfate | --- mg / --- mL | Intermittent |
| pyridoxine | --- mg / --- mL | Intermittent |
| quiNIDine | --- mg / --- mL |  |
| ramucirumab | --- mg / --- mL | Intermittent |
| raNITIdine | 50 mg / 50 mL (1 mg / mL) |  |
| raNITIdine | 150 mg / 250 mL (0.6 mg / mL) |  |
| raNITIdine | 250 mg / 250 mL (1 mg / mL) |  |
| raNITIdine | --- mg / --- mL |  |
| rasburicase | 3 mg / 50 mL (0.06 mg / mL) | Intermittent |
| rasburicase | 6 mg / 50 mL (0.12 mg / mL) | Intermittent |
| rasburicase | --- mg / --- mL | Intermittent |
| ravulizumab | --- mg / --- mL | Intermittent |
| remdesivir | 100 mg / 250 mL (0.4 mg / mL) | Intermittent |
| remdesivir | 200 mg / 250 mL (0.8 mg / mL) | Intermittent |
| remifentanil | --- mcg / --- mL | Cont/Bolus or PCA |
| reslizumab | --- mg / --- mL | Intermittent |
| reteplase | --- unit / --- mL |  |
| rIfAMPin | --- mg / --- mL | Intermittent |
| ritodrine | --- mg / --- mL |  |
| riTUXimab | 1,000 mg / 500 mL (2 mg / mL) | Cont/Bolus or PCA |
| riTUXimab | --- mg / --- mL | Cont/Bolus or PCA |
| rocuronium | 500 mg / 100 mL (5 mg / mL) | Cont/Bolus or PCA |
| rocuronium | --- mg / --- mL | Cont/Bolus or PCA |
| romiDEPsin | --- mg / --- mL | Intermittent |
| ropivacaine | --- mg / --- mL |  |
| sacituzumab goviteca | --- mg / --- mL | Intermittent |
| salbutamol | --- mg / --- mL |  |
| sargramostim | --- mcg / --- mL |  |
| sarilumab | 400 mg / 100 mL (4 mg / mL) | Intermittent |
| sildenafil | 0.1 mg / 1 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| sildenafil | 5 mg / 50 mL (0.1 mg / mL) | Cont/Bolus or PCA |
| sildenafil | --- mg / --- mL | Cont/Bolus or PCA |
| SMX/TMP | --- mg / --- mL |  |
| sodium bicarbonate | --- mEq / --- mL | Intermittent |
| sodium chloride 3% | 256.6 mEq / 500 mL (0.5132 mEq / mL) |  |
| sodium chloride 5% | 427.5 mEq / 500 mL (0.855 mEq / mL) |  |
| sodium phosphate | 15 mmol / 250 mL (0.06 mmol / mL) | Intermittent |
| sodium phosphate | --- mmol / --- mL | Intermittent |
| sodium thiosulfate | 25 gram / 200 mL (0.125 gram / mL) | Intermittent |
| sodium thiosulfate | --- gram / --- mL | Intermittent |
| sotrovimab | 500 mg / 108 mL (4.6296 mg / mL) | Intermittent |
| spesolimab | 900 mg / 100 mL (9 mg / mL) | Intermittent |
| streptozocin | --- mg / --- mL |  |
| succinylcholine | --- mg / --- mL |  |
| SUFentanil | --- mcg / --- mL |  |
| tacrolimus | --- mg / --- mL | Intermittent |
| teclistamab | --- mg / --- mL |  |
| tecovirimat | 200 mg / 60 mL (3.3333 mg / mL) | Intermittent |
| tecovirimat | 300 mg / 90 mL (3.3333 mg / mL) | Intermittent |
| tedizolid | 200 mg / 250 mL (0.8 mg / mL) | Intermittent |
| temozolomide | --- mg / --- mL | Intermittent |
| temsirolimus | --- mg / --- mL | Intermittent |
| teniposide | --- mg / --- mL |  |
| teprotumumab-trbw | --- mg / --- mL | Intermittent |
| terbutaline | --- mg / --- mL |  |
| theophylline | 400 mg / 500 mL (0.8 mg / mL) |  |
| theophylline | 800 mg / 500 mL (1.6 mg / mL) |  |
| theophylline | --- mg / --- mL |  |
| theophylline [II] | 400 mg / 500 mL (0.8 mg / mL) | Intermittent |
| theophylline [II] | 800 mg / 500 mL (1.6 mg / mL) | Intermittent |
| theophylline [II] | 800 mg / 1,000 mL (0.8 mg / mL) | Intermittent |
| theophylline [II] | --- mg / --- mL | Intermittent |
| thiamine | 100 mg / 50 mL (2 mg / mL) | Intermittent |
| thiamine | 250 mg / 100 mL (2.5 mg / mL) | Intermittent |
| thiamine | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| thiamine [w/Folic A] | 100 mg / 50 mL (2 mg / mL) | Intermittent |
| thiopental | --- mg / --- mL |  |
| thiotepa | --- mg / --- mL |  |
| ticarcillin | 3.1 gram / 100 mL (0.031 gram / mL) |  |
| ticarcillin/clav | --- mg / --- mL |  |
| tigecycline | --- mg / --- mL | Intermittent |
| tirofiban | 12.5 mg / 250 mL (0.05 mg / mL) | Cont/Bolus or PCA |
| tisotumab vedotin | --- mg / --- mL | Intermittent |
| tobramycin | 80 mg / 100 mL (0.8 mg / mL) | Intermittent |
| tobramycin | --- mg / --- mL | Intermittent |
| tocilizumab | --- mg / --- mL | Intermittent |
| tolazoline | --- mg / --- mL |  |
| topotecan | --- mg / --- mL | Intermittent |
| torsemide | --- mg / --- mL |  |
| trabectedin | --- mg / --- mL | Intermittent |
| tranexamic | 1,000 mg / 100 mL (10 mg / mL) | Intermittent |
| tranexamic | 2,000 mg / 100 mL (20 mg / mL) | Intermittent |
| tranexamic | --- mg / --- mL | Intermittent |
| tranexamic acid | 2,000 mg / 250 mL (8 mg / mL) | Cont/Bolus or PCA |
| trastuzumab | --- mg / --- mL | Intermittent |
| treprostinil | --- mcg / --- mL | Cont/Bolus or PCA |
| trilaciclib | --- mg / --- mL | Intermittent |
| trimetrexate | --- mg / --- mL |  |
| tromethamine | --- mEq / --- mL |  |
| urokinase | --- unit / --- mL |  |
| ustekinumab | 260 mg / 250 mL (1.04 mg / mL) | Intermittent |
| ustekinumab | 390 mg / 250 mL (1.56 mg / mL) | Intermittent |
| ustekinumab | 520 mg / 250 mL (2.08 mg / mL) | Intermittent |
| valproate sodium | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| valproate sodium | --- mg / --- mL | Intermittent |
| valproic acid | --- mg / --- mL |  |
| vancomycin | 500 mg / 100 mL (5 mg / mL) | Intermittent |
| vancomycin | 750 mg / 250 mL (3 mg / mL) | Intermittent |
| vancomycin | 1,000 mg / 200 mL (5 mg / mL) | Intermittent |
| vancomycin | 1,000 mg / 250 mL (4 mg / mL) | Intermittent |
| vancomycin | 1,250 mg / 250 mL (5 mg / mL) | Intermittent |
| vancomycin | 1,500 mg / 250 mL (6 mg / mL) | Intermittent |
| vancomycin | 1,750 mg / 250 mL (7 mg / mL) | Intermittent |
| vancomycin | 2,000 mg / 250 mL (8 mg / mL) | Intermittent |
| vancomycin | 2,250 mg / 250 mL (9 mg / mL) | Intermittent |
| vancomycin | 2,500 mg / 250 mL (10 mg / mL) | Intermittent |
| vancomycin | 3,000 mg / 500 mL (6 mg / mL) | Intermittent |
| vancomycin | --- mg / --- mL | Intermittent |
| vasopressin | 40 unit / 100 mL (0.4 unit / mL) | Cont/Bolus or PCA |
| vasopressin | 60 unit / 60 mL (1 unit / mL) | Cont/Bolus or PCA |
| vasopressin | 100 unit / 100 mL (1 unit / mL) | Cont/Bolus or PCA |
| vasopressin | --- unit / --- mL | Cont/Bolus or PCA |
| vasopressin [E-Bleed | 200 unit / 500 mL (0.4 unit / mL) | Cont/Bolus or PCA |
| vasopressin [E-Bleed | --- unit / --- mL | Cont/Bolus or PCA |
| vecuronium | 0.2 mg / 1 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| vecuronium | 2 mg / 10 mL (0.2 mg / mL) | Cont/Bolus or PCA |
| vecuronium | 100 mg / 100 mL (1 mg / mL) | Cont/Bolus or PCA |
| vecuronium | --- mg / --- mL | Cont/Bolus or PCA |
| vedolizumab | 300 mg / 250 mL (1.2 mg / mL) | Intermittent |
| verapamil | 100 mg / 250 mL (0.4 mg / mL) | Cont/Bolus or PCA |
| verapamil | --- mg / --- mL | Cont/Bolus or PCA |
| vidarabine | --- mg / --- mL |  |
| vinBLAStine | --- mg / --- mL |  |
| vinCRIStine | --- mg / --- mL |  |
| vinorelbine | --- mg / --- mL |  |
| voriconazole | --- mg / --- mL | Intermittent |
| zidovudine | --- mg / --- mL | Intermittent |
| zidovudine [Bolus+CI | 400 mg / 100 mL (4 mg / mL) | Cont/Bolus or PCA |
| ziv-aflibercept | --- mg / --- mL | Intermittent |
| zoledronic [Reclast] | 4 mg / 100 mL (0.04 mg / mL) | Intermittent |
| zoledronic [Reclast] | 5 mg / 100 mL (0.05 mg / mL) | Intermittent |
| zoledronic [Zometa] | 3 mg / 100 mL (0.03 mg / mL) | Intermittent |
| zoledronic [Zometa] | 3.3 mg / 100 mL (0.033 mg / mL) | Intermittent |
| zoledronic [Zometa] | 3.5 mg / 100 mL (0.035 mg / mL) | Intermittent |
| zoledronic [Zometa] | 4 mg / 100 mL (0.04 mg / mL) | Intermittent |
| zoledronic acid | 4 mg / 100 mL (0.04 mg / mL) |  |

* 1. Master Fluids List

| **Master Fluids** | |
| --- | --- |
| **Fluid** | **Supports Secondary** |
| ...Maintenance Fluid | Yes |
| ..Bolus Fluid | Yes |
| ..Flush Fluid | Yes |
| ..KVO Fluid | Yes |
| .IVF + Additive | Yes |
| .IVF + KCL 10mEq/L | Yes |
| .IVF + KCL 20mEq/L | Yes |
| .IVF + KCL 30mEq/L | Yes |
| .IVF + KCL 40mEq/L | Yes |
| .IVF + KCL 80mEq/L | Yes |
| .IVF + Sodium Acetat | Yes |
| .IVF + Sodium Bicarb | Yes |
| 0.45%NS+KCL10 mEq/L | Yes |
| 0.45%NS+KCL20 mEq/L | Yes |
| 0.45%NS+KCL30 mEq/L | Yes |
| 0.45%NS+KCL40 mEq/L | Yes |
| 0.9% Normal Saline | Yes |
| 0.9%NS+KCL 10mEq/L | Yes |
| 0.9%NS+KCL 20mEq/L | Yes |
| 0.9%NS+KCL 30mEq/L | Yes |
| 0.9%NS+KCL 40mEq/L | Yes |
| 1/2 NS arterial line | Yes |
| 3% Sodium Chloride | Yes |
| Bicarb Drip | Yes |
| Blood (PRBCs) | Yes |
| Blood (RBCs) | No |
| Blood (whole) | No |
| Blood Product | Yes |
| D5 + Normal Saline | Yes |
| D5 1/2Normal Saline | Yes |
| D5 1/2NS+KCL10mEq/L | Yes |
| D5 1/2NS+KCL20mEq/L | Yes |
| D5 1/2NS+KCL30mEq/L | Yes |
| D5 1/2NS+KCL40mEq/L | Yes |
| D5 1/3Normal Saline | Yes |
| D5 1/3NS+KCL10mEq/L | Yes |
| D5 1/3NS+KCL20mEq/L | Yes |
| D5 1/3NS+KCL30mEq/L | Yes |
| D5 1/3NS+KCL40mEq/L | Yes |
| D5 1/4Normal Saline | Yes |
| D5 1/4NS+KCL10mEq/L | Yes |
| D5 1/4NS+KCL20mEq/L | Yes |
| D5 1/4NS+KCL30mEq/L | Yes |
| D5 1/4NS+KCL40mEq/L | Yes |
| D5 Lactated Ringers | Yes |
| D5NS+KCL 10 mEq/L | Yes |
| D5NS+KCL 20 mEq/L | Yes |
| D5NS+KCL 30 mEq/L | Yes |
| D5NS+KCL 40 mEq/L | Yes |
| D5W | Yes |
| D5W+KCL 10 mEq/L | Yes |
| D5W+KCL 20 mEq/L | Yes |
| D5W+KCL 30 mEq/L | Yes |
| D5W+KCL 40 mEq/L | Yes |
| Dextran-40 | Yes |
| Dextrose 10% | Yes |
| Dextrose in Ringers | Yes |
| Fluid Bolus | Yes |
| Fresh Frozen Plasma | Yes |
| Hetastarch 6 % | Yes |
| Lactated Ringers | Yes |
| Lipid Emulsion 10% | Yes |
| Lipid Emulsion 20% | Yes |
| Maintenance Fluid | Yes |
| Mannitol | Yes |
| Platelets | Yes |
| PPN | Yes |
| Saline Flush 10 mL | Yes |
| TPN | Yes |
| TPN-Cyclic | Yes |

1. Master Therapies List

| **Therapy** |
| --- |
| \*\*\*High Intensity |
| \*\*\*Low Intensity |
| \*\*Stroke |
| \*P. Aterial Occlusio |
| \*Pulmonary Embolism |
| \*Renal Protection |
| <=1mg |
| <=30 kg |
| <=40 kg |
| <=50 kg |
| <0.5mg/kg |
| <15 mg/kg and <1gram |
| > 30 kg |
| > 40 kg |
| > 50 kg |
| >=0.5mg/kg |
| >15 mg/kg or >1gram |
| >1mg |
| 0.4 - 0.75 kg |
| 0.76 - 1.5 kg |
| 1.6 - 3 kg |
| 1.6-3 kg |
| 10 - 19.9 kg |
| 11 - 20 kg |
| 20 kg or greater |
| 3 kg or greater |
| Adult |
| Bolus |
| Bone Marrow (BMT) |
| BSA |
| Central |
| CS Prevent Hemorrhag |
| CVVH |
| Daily |
| Dose <= 500mg |
| Dose > 500 mg |
| DoseDesensitization |
| DVT |
| ECHO |
| First Dose |
| High Dose |
| Hyperkalemia |
| Induction |
| Infusion |
| Loading Dose |
| Maint Dose q week |
| Maintenance Dose |
| melanoma |
| MI |
| MI [Start 30 min] |
| MI [Then 60 min] |
| NICU Anesthesia |
| non-melanoma |
| Non-Weight Based |
| Non-Weight Based/AUC |
| Opiate Naive |
| Opioid Tolerant |
| Other Indication |
| Pain [Sickle/Adjunct |
| Peripheral |
| q 2 weeks |
| q 3 weeks |
| q month |
| q week |
| q week w/ radiation |
| Second Dose |
| Sedation UT1-ICU |
| Test Dose |
| Third Dose |
| Third Dose [30 min] |
| UT1 - ICU |
| UT2 - INT |
| Vag Prevent Hemorrha |
| Weight Based |

1. Syringe Favorites List

| **Syringe Favorites** | |
| --- | --- |
| **Syringe Type** | **Included?** |
| BD Plastipak 1 mL | X |
| BD Plastipak 3 mL | X |
| BD Plastipak 5 mL | X |
| BD Plastipak 10 mL | X |
| BD Plastipak 20 mL | X |
| BD Plastipak 30 mL | X |
| BD Plastipak 50 and 60 mL | X |
| Monoject 3 mL | X |
| Monoject 6 mL | X |
| Monoject 12 mL | X |
| Monoject 20 mL | X |
| Monoject 35 mL | X |
| Monoject 60 mL | X |
| Terumo 3 mL | X |
| Terumo 5 mL | X |
| Terumo 10 mL | X |
| Terumo 20 mL | X |
| Terumo 30 mL | X |
| Terumo 60 mL | X |

1. PCA Syringe Favorites List

| **PCA Syringe Favorites** | |
| --- | --- |
| **Syringe Type** | **Included?** |
| BD Plastipak 20 mL |  |
| BD Plastipak 30 mL |  |
| BD Plastipak 50 and 60 mL |  |
| Monoject 20 mL |  |
| Monoject 35 mL |  |
| Monoject 60 mL | X |
| Terumo 20 mL |  |
| Terumo 30 mL |  |
| Terumo 60 mL |  |
| IMS 30 mL Prefill |  |

1. Master Clinical Advisories List

| **Master Clinical Advisories** | |
| --- | --- |
| **Advisory Name** | **Clinical Advisory Text** |
| 0.22 micron filter | Infuse with 0.22 micron filter |
| 1 unit= 1 million un | 1 unit = 1 million units. EX: enter in 0.6 units for 600,000 units |
| Bolus from Bag | Bolus from Bag |
| Calcium/Ceftriaxone | For patients 28 days or younger, do not administer calcium containing products with ceftriaxone or within 48 hours of the patient receiving ceftriaxone |
| Central | Administer via Central Line Only |
| Combo Med | \*\*More than one medication admixed into bag\*\* 2nd RN to independently verify and document concentration and programming with order before administration. |
| Dedicated IV Line | Dedicated IV Line |
| Dextrose Only | Incompatibe with Dextrose. Do not mix or piggyback to Dextrose. |
| Double Check by 2 RN | 2nd RN to independently verify and document concentration and programming with order before administration |
| Extravasation | Watch IV site carefully for signs of extravasation. |
| Filter | Use In-Line Filter |
| Filter 2nd RN | Infuse with 0.2 micron filter. 2nd RN to verify and document concentration and programming with order before administration. |
| Filter Mannitol | Infuse using less than or equal to 5 micron filter |
| Hazardous Drug | Caution: Hazardous Drug. Special Handling and Disposal Required. |
| Hypersensitivity | Risk of hypersensitivity. Check vital signs frequently during infusion. |
| Irritant | Irritant |
| LASA | Look-Alike, Sound-Alike (LASA) |
| Lipids | Infuse with 1.2 micron filter. Do not infuse other drugs through this line. |
| Monitor Vitals | Closely monitor vital signs during infusion. |
| Monitoring required | Monitoring module required. |
| PE | Infusion rates are expressed as Phenytoin Equivalents (PE) |
| PPN | Infuse with 0.22 micron filter through a peripheral line. Do not infuse with other drugs through same IV line. |
| Protect from Light | Cover with Brown bag to protect from Light |
| Protocol IVIG | Follow CCMC Policy for IVIG Administration and Titration |
| Saline Incompatible | Incompatible with Saline |
| TPN | Infuse with 0.22 micron filter through a central line. Do not infuse other drugs through same IV line. |
| tromethamine | 1 ml = 36 mg |
| UAC | Do Not Administer through a UAC |