

Data Set Report

RELEASED



UConn 11-3-2022

1. Current Data Set Status

Data Set Name	UConn 11-3-2022
Hospital Name	UCONN
Data Set ID	02af64404-R
Data Set Status	Released
Last Changed On	11/3/2022 09:19
Filename	C:\Users\cavero\Documents\Guardrails Editor\02af64404-R.gre

2. Drug Library by Profile

2.1 Adult Critical Care

2.1.1 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

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	
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	

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	
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										

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	
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

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	
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

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	
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) 500 mg / 500 mL (1 mg / mL)	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									

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	
octreotide 500 mcg / 100 mL (5 mcg / mL) 1,250 mcg / 250 mL (5 mcg / mL)	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		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		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									
rtirofiban 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

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	
vasopressin 40 unit / 100 mL (0.4 unit / mL) 60 unit / 60 mL (1 unit / mL) --- unit / --- mL	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	

2.1.2 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

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
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.

2.1.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.1.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.1.5 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				

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	
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				

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		
							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							35 mg / 250 mL (0.14 mg / mL)	X		00:53	00:54	02:00	01:00	n/a					
	X	X	mg	35	70	71	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							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					
	X	X	gram	0.5	3		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							1 gram / 100 mL (0.01 gram / mL)	X			00:20	00:40	00:30	n/a					
	X	X	gram	0.5	2		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							500 mg / 50 mL (10 mg / mL)	X			00:14	00:25	00:20	n/a					
	X	X	mg	499	2,000		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					
cefTAZidime							0.5 gram / 50 mL (0.01 gram / mL)	X			00:15	00:30	00:20	n/a					
	X	X	gram	0.5	2		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		--- gram / --- mL	X			01:50	02:10	02:00	No				LASA	
ceftolazane/tazobact							150 mg / 100 mL (1.5 mg / mL)	X			00:50	01:10	01:00	n/a					
	X	X	mg	375	1,500		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							1 gram / 50 mL (0.02 gram / mL)	X			00:20	00:40	00:30	n/a					
	X	X	gram	1	2		1 gram / 100 mL (0.01 gram / mL)	X			00:20	00:40	00:30	n/a					

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	
							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
chlорproMAZINE							12.5 mg / 50 mL (0.25 mg / mL)	X		00:12	00:15	01:00	00:30	n/a				
	X	X	mg	12.5	50		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							300 mg / 50 mL (6 mg / mL)	X			00:25	01:00	00:30	n/a				
	X	X	mg	150	900		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							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				
	X	X	mg	374		1,501	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				
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				

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	
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				
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				

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	
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				
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				
immune glob (IVIG)	X	X	gram	2	99		--- gram / --- mL	X			01:00	24:00		No				Hypersensitivity
iron sucrose							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				
	X	X	mg	100	500		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	300.1		--- 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				
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	3,001	--- 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				

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	
							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[Cl]	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					
mesna	X	X	gram	0.5	15		--- gram / --- mL	X			00:05	24:00		No				
methadone	X	X	mg	1	100		--- mg / --- mL	X			00:08	00:15	00:10	No				
methyl dopa	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				
ondansetron	X		mg	12	40		--- mg / --- mL	X			00:02	00:15	00:05	No				

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	
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				
								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	5		1 unit / 50 mL (0.02 unit / mL)	X			00:25	01:00	00:30	n/a				
							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
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				
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				

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	
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				
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
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				

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		
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					

2.1.6 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	

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	
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

2.1.7 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
	n/a					Soft Max
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
	n/a					Soft Max
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		

2.2 Anesthesia

2.2.1 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			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)			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)			N/A	Continuous gram/h	0.5	2	3										

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	
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		N/A	Continuous mg/min	0.13	1.2	2	1									Filter
calcium gluc [Cl] 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		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	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		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		N/A	Continuous mcg/kg/min	1	20	40										LASA

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	
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	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		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		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		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	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		YES	Continuous unit/h	10	800	1,000										

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	
fentaNYL 4 mcg / 1 mL (4 mcg / mL) 12.5 mcg / 1 mL (12.5 mcg / mL)	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	

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	
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									

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	
propofol Adult 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	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			
remifentanyl --- 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		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			

2.2.2 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
methyIPRED[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.

2.2.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.2.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.2.5 Intermittent Drugs

Intermittent Drugs - Anesthesia																		
Drug Name <i>Therapy</i>	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
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				

2.2.6 Fluids

No drugs exist in this section.

2.2.7 PCA Drugs

No drugs exist in this section.

2.3 Investigational

2.3.1 Continuous/Bolus - Non-Anesthesia Drugs

No drugs exist in this section.

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

No drugs exist in this section.

2.3.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.3.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.3.5 Intermittent Drugs

Intermittent Drugs - Investigational																		
Drug Name <i>Therapy</i>	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				

2.3.6 Fluids

No drugs exist in this section.

2.3.7 PCA Drugs

No drugs exist in this section.

2.4 Med/Surg

2.4.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Med/Surg																	
Drug Name <i>Therapy</i> 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
furosemide 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

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	
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

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	
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									
methyIPRED[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									

2.4.2 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

2.4.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.4.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.4.5 Intermittent Drugs

Intermittent Drugs - Med/Surg																		
Drug Name <i>Therapy</i>	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 <i>*Renal Protection</i>	X	X	mg	599	1,201		--- mg / --- mL	X		12:00	14:00	16:30	16:00	No				
acetylcysteine <i>Loading Dose</i>	X	X	mg/kg	149	151		--- mg / --- mL	X			00:52	01:15	01:00	No				

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	
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				

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	
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				
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				
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	0.93	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			00:25	00:40	00:30	n/a				

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	
							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				
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				

Intermittent Drugs - Med/Surg

Drug Name <i>Therapy</i>	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	
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 <i>Central</i>	X	X	mg	2,400	9,999		--- mg / --- mL	X		00:52	00:54	02:00	01:00	No				
foscarnet <i>Peripheral</i>	X	X	mg	2,400	9,999		--- mg / --- mL	X		00:54	00:55	02:00	01:00	No				
fosphenytoin <i>Loading Dose</i>	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 <i>Maintenance Dose</i>	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	

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	
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				
immune glob (IVIG)	X	X	gram	2	99		--- gram / --- mL	X			01:00	24:00		No				Hypersensitivi ty
iron sucrose							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				
	X	X	mg	99	501		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				
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				
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	3,001	--- mg / --- mL	X		00:12	00:14	00:30	00:15	mg/mL		2.5	15	
levoFLOXacin							250 mg / 50 mL (5 mg / mL)	X		00:54	00:55	01:30	01:00	n/a				
	X	X	mg	200	750	751	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 [Cl]	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							0.5 gram / 100 mL (0.005 gram / mL)	X		00:50	00:54	01:10	01:00	n/a				
	X	X	gram	0.5	2		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				

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	
mesna	X	X	gram	0.5	15		--- gram / --- 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	
nafcilin	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				
ondansetron	X	X	mg	12.1	32		--- mg / --- mL	X			00:02	00:15	00:05	No				
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				
							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	
PHENobarbital Loading Dose	X	X	mg	200	500	1,000	--- mg / --- mL	X		00:13	00:14	01:00	00:15	No				LASA

Intermittent Drugs - Med/Surg

Drug Name <i>Therapy</i>	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	
PHENobarbital <i>Maintenance Dose</i>	X	X	mg	25	200		--- mg / --- mL	X		00:07	00:09	00:15	00:10	No				LASA
PHENobarbital <i>Maintenance Dose</i>	X	X	mg/kg	1	3	1,000	--- mg / --- mL	X		00:07	00:09	00:15	00:10	No				LASA
phenytoin <i>Loading Dose</i>	X	X	mg	50	1,000	2,000	--- mg / --- mL	X			00:40	01:30	00:45	No				Filter
phenytoin <i>Maintenance Dose</i>	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				
potassium chloride <i>Central</i>	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 <i>Peripheral</i>	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				
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

Intermittent Drugs - Med/Surg

Drug Name <i>Therapy</i>	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	
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				

2.4.6 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

2.4.7 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	
Continuous Dose / h	n/a	0.1	2	3		mg	
Bolus Dose	n/a				n/a	Max Accum. Includes Bolus?	
Loading Dose	n/a				n/a	No	
Lockout Interval (minutes)	5	6	30	n/a		Clinical Advisory Name	
Max Acc. Dose Range / 1 h	n/a	0.6	3	4.4		Double Check by 2 RN	

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		

2.5 NICU

2.5.1 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			YES	Continuous mcg/kg/min	0.04	0.15	0.4										Double Check by 2 RN
	X	X															
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)			N/A	Continuous mcg/kg/min	1	20	30										Double Check by 2 RN
	X	X															
	X	X															
	X	X															
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)			N/A	Continuous mcg/kg/min	1	20	30										Double Check by 2 RN
	X	X															
	X	X															
	X	X															
	X	X															

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	
EPINEPHrine 16 mcg / 1 mL (16 mcg / mL) 32 mcg / 1 mL (32 mcg / mL) 64 mcg / 1 mL (64 mcg / mL)	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	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.25	5	10		0.25	10	15		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	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	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	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

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	
vecuronium 0.2 mg / 1 mL (0.2 mg / mL) --- mg / --- mL	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

2.5.2 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

2.5.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.5.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.5.5 Intermittent Drugs

Intermittent Drugs - NICU																		
Drug Name <i>Therapy</i>	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	

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	
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/sulbactam	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	

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	
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	12	15	--- mcg / --- mL	X	X	00:05	00:06	00:15	00:10	mcg/mL		0.1	50	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	

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	
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/m L		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	

Intermittent Drugs - NICU																		
Drug Name <i>Therapy</i>	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	
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	

2.5.6 Fluids

Fluids - NICU							
Fluid Name <i>Therapy</i>	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 <i>0.4 - 0.75 kg</i>	Yes	X	X	0.1	4	90	
Fluid Bolus <i>0.76 - 1.5 kg</i>	Yes	X	X	0.1	8	180	
Fluid Bolus <i>1.6 - 3 kg</i>	Yes	X	X	0.1	16	300	
Fluid Bolus <i>3 kg or greater</i>	Yes	X	X	0.1	30	300	
Fresh Frozen Plasma	Yes	X	X	0.1	50		
Lipid Emulsion 20% <i>0.4 - 0.75 kg</i>	Yes	X	X	0.1	0.5	0.7	Double Check by 2 RN
Lipid Emulsion 20% <i>0.76 - 1.5 kg</i>	Yes	X	X	0.1	1	1.6	Double Check by 2 RN
Lipid Emulsion 20% <i>1.6 - 3 kg</i>	Yes	X	X	0.1	2	3	Double Check by 2 RN
Lipid Emulsion 20% <i>3 kg or greater</i>	Yes	X	X	0.1	4.5	7	Double Check by 2 RN
Maintenance Fluid <i>0.4 - 0.75 kg</i>	Yes	X	X	0.1	5.7	7	
Maintenance Fluid <i>0.76 - 1.5 kg</i>	Yes	X	X	0.1	12	14	
Maintenance Fluid <i>1.6 - 3 kg</i>	Yes	X	X	0.1	23	27	
Maintenance Fluid <i>3 kg or greater</i>	Yes	X	X	0.1	53	63	
Platelets	Yes	X	X	0.1	50		
TPN <i>0.4 - 0.75 kg</i>	Yes	X	X	0.1	5.7	7	Filter 2nd RN
TPN <i>0.76 - 1.5 kg</i>	Yes	X	X	0.1	12	14	Filter 2nd RN

Fluids - NICU							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
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

2.5.7 PCA Drugs

No drugs exist in this section.

2.6 OB/LD

2.6.1 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										

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	
furosemide 100 mg / 100 mL (1 mg / mL) 200 mg / 100 mL (2 mg / mL)	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		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		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		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

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	
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	

2.6.2 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

2.6.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.6.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.6.5 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				

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	
							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	

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	
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				

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	
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		--- 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	3,001	--- mg / --- mL	X			00:10	00:20	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				

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	
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				
methyl dopa	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				
nafcilin	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				

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	
							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							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				
	X	X	gram	0.75	4.5		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							6.25 mg / 50 mL (0.125 mg / mL)	X		00:12	00:13	00:30	00:15	n/a				Extravasation
	X	X	mg	6.25	25		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				

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		
rlfAMPin	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					

2.6.6 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		

Fluids - OB/LD							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..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

2.6.7 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	
Continuous Dose / h	n/a	0.1	2	3		mg	
Bolus Dose	n/a				n/a	Max Accum. Includes Bolus?	
Loading Dose	n/a				n/a	No	
Lockout Interval (minutes)	5	6	30	n/a		Clinical Advisory Name	
Max Acc. Dose Range / 1 h	n/a	0.6	3	4.4		Double Check by 2 RN	

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		

2.7 ONCOLOGY

2.7.1 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
furosemide 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

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	
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

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	
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

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	
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

2.7.2 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

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
ritUXimab NonWeightBased	X		mg/mL	1		4

2.7.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.7.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.7.5 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	

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		
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		

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	
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				
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				
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				

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	
							750 mg / 100 mL (7.5 mg / mL)	X			00:50	01:20	01:00	n/a				
cefTRIAXone	X	X	gram	1	2		1,500 mg / 100 mL (15 mg / mL)	X			00:50	01:20	01:00	n/a				
							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

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	
cytarabine	X	X	mg/m2	149	3,000		--- mg / --- mL	X		01:45	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
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	

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	
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				
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				

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	
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				

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	
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
immune glob (IVIG)	X	X	gram	2	99		--- 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							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				
	X	X	mg	99	501		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				
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				
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	3,001	--- mg / --- mL	X		00:12	00:14	00:30	00:15	mg/mL		2.5	15	
levoFLOXacin							250 mg / 50 mL (5 mg / mL)	X		00:53	00:54	01:30	01:00	n/a				
	X	X	mg	200	750	751	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				

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	
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				
mesna	X	X	gram	0.5	15		--- gram / --- 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
methyIPRED [spin LD]	X	X	mg/kg	30	31		--- mg / --- mL	X		00:12	00:14	00:30	00:15	No				
methyIPREDNISolone	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

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	
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				
ondansetron	X	X	mg	12.1	32		--- mg / --- mL	X			00:02	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				
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				

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	
pembrolizumab	X	X	mg	199	401		200 mg / 100 mL (2 mg / mL) 400 mg / 100 mL (4 mg / mL)	X		00:25	00:27	00:40	00:30	n/a				Filter 2nd RN
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				
							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
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				
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				

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	
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
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
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

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	
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				

2.7.6 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		

Fluids - ONCOLOGY							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
.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

2.7.7 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			

2.8 OP Cancer Center

2.8.1 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											
obinituzumab 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

2.8.2 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]	X		mg/mL	2		20
NonWeightBased						
daratumumab	X		mg/mL	0.5		3.5
NonWeightBased						
deferoxamine [SC]	X		mg/mL	190		200
NonWeightBased						
elotuzumab	X		mg/mL	1		6
NonWeightBased						
ritUXimab	X		mg/mL	1		4
NonWeightBased						

2.8.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.8.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.8.5 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				

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	
							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

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	
carmustine <i>Bone Marrow (BMT)</i>	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 <i>Other Indication</i>	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 <i>Loading Dose</i>	X	X	mg/m2	250	500		--- mg / --- mL	X			00:55	02:00	00:55	No				Filter
cetuximab <i>Maint Dose q week</i>	X	X	mg/m2	249	500		--- mg / --- mL	X			00:55	02:30	00:55	No				Filter
cetuximab <i>q 2 weeks</i>	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	149	3,000		--- mg / --- mL	X		01:45	01:48	04:00		No				Double Check by 2 RN
cytarabine	X	X	mg	149	3,000		--- mg / --- mL	X		01:45	01:48	04:00		No				
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

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	
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

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	
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		--- 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							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				
	X	X	mg	99	501		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				
levoFLOxacinn							250 mg / 50 mL (5 mg / mL)	X		00:53	00:54	01:30	01:00	n/a				
	X	X	mg	200	750	751	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				

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	
turbinectedin	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	gram	0.5	15		--- gram / --- 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/m L		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
nafcilin	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

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	
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

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	
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				

2.8.6 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		

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	
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		

2.8.7 PCA Drugs

No drugs exist in this section.

2.9 OP Infusion Center

2.9.1 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											

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	
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)			N/A	Continuous mg/h	30	300											
furosemide 100 mg / 100 mL (1 mg / mL)			N/A	Continuous mg/h	1	60											Protect from Light
naloxone 4 mg / 250 mL (0.016 mg / mL)			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)			N/A	Continuous mg/h	36	365		36									Filter
patisiran 30 mg / 200 mL (0.15 mg / mL) --- mg / --- mL			YES	Continuous mg/min	0.04	0.46	0.47										Filter
riTUXimab 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL			YES	Continuous mg/h	49	401	500										Double Check by 2 RN

2.9.2 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

2.9.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.9.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.9.5 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				

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	
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				
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				
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				
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				

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	
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				
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
immune glob (IVIG)	X	X	gram	2	99.99		--- 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				
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				
methylPREDNISolone	X	X	mg	125	1,001		--- mg / --- mL	X			00:13	01:00	00:15	No				
nafcilin	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				
ondansetron	X	X	mg	12.1	32		--- mg / --- mL	X			00:02	00:15	00:05	No				
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

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	
penicillin	X	X	unit	1	6		1 unit / 50 mL (0.02 unit / mL)	X			00:25	01:00	00:30	n/a				
							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				
phytonadione	X	X	mg	0.5	5	10	--- mg / --- mL	X		00:20	00:25	00:45	00:30	No				
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
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
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				

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	
							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				

2.9.6 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		

2.9.7 PCA Drugs

No drugs exist in this section.

2.10 Pediatric

2.10.1 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			N/A	Continuous mcg/kg/min	2.5	300	301										
500 mg / 50 mL (10 mg / mL)	X																
1,000 mg / 100 mL (10 mg / mL)	X																

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

No drugs exist in this section.

2.10.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.10.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.10.5 Intermittent Drugs

No drugs exist in this section.

2.10.6 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		

2.10.7 PCA Drugs

No drugs exist in this section.

3. Configuration Settings

3.1 PC Unit

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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 (m ²)	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										

3.2 Pump Module

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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

3.3 Syringe Module

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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

3.4 Shared Infusion Settings (Pump and Syringe)

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
Delay Start Options	Enabled	Enabled	Disabled	Enabled	Disabled	Enabled	Enabled	Disabled	Disabled	Disabled
Delay Start Callback	BeforeAn dAfter	BeforeAn dAfter	n/a	BeforeAn dAfter	n/a	BeforeAn dAfter	BeforeAn dAfter	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

3.5 PCA Module

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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 Of 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

3.6 Shared Infusion Settings (PCA and Syringe)

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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

3.7 EtCO₂ Module

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
Alarm Limit Type	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult
EtCO ₂ High (mmHg)	60	60	60	60	60	60	60	60	60	60
EtCO ₂ 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
FiCO ₂ 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

3.8 PCA Pause Protocol

3.8.1 PCA Pause Protocol Settings

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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 Attachment 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!										

3.8.2 PCA Pause Protocol (EtCO₂) Settings

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Settings										
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

4. Channel Labels

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Channel Labels										
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			

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Channel Labels										
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			

	Adult Critical Care	Anesthesia	Investigational	Med/Surg	NICU	OB/LD	ONCOLOGY	OP Cancer Center	OP Infusion Center	Pediatric
Channel Labels										
WHITE PORT	X			X		X	X			
WOUND IRRIGATION	X			X		X	X			

Appendices

Appendix A Master List

Appendix A.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

Master Drugs		
Drug Name	Concentrations	Used As
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

Master Drugs		
Drug Name	Concentrations	Used As
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

Master Drugs		
Drug Name	Concentrations	Used As
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 [Cl]	10 gram / 500 mL (0.02 gram / mL)	Cont/Bolus or PCA
calcium gluc [Cl]	--- 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

Master Drugs		
Drug Name	Concentrations	Used As
cefepime	2 gram / 100 mL (0.02 gram / mL)	Intermittent
cefepime	--- gram / --- 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
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	--- 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

Master Drugs		
Drug Name	Concentrations	Used As
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
clevipidine	25 mg / 50 mL (0.5 mg / mL)	Cont/Bolus or PCA
clevipidine	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

Master Drugs		
Drug Name	Concentrations	Used As
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
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)	

Master Drugs		
Drug Name	Concentrations	Used As
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

Master Drugs		
Drug Name	Concentrations	Used As
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
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	

Master Drugs		
Drug Name	Concentrations	Used As
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 VIIa	--- 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 Intermittent	--- 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

Master Drugs		
Drug Name	Concentrations	Used As
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
fosaprepitant	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

Master Drugs		
Drug Name	Concentrations	Used As
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
ibuprofen lysine	--- mg / --- mL	Intermittent
ibutilide	1 mg / 50 mL (0.02 mg / mL)	Intermittent
ibutilide	--- mg / --- mL	Intermittent
IDArubicin	--- mg / --- mL	
idarCIzumab	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
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

Master Drugs		
Drug Name	Concentrations	Used As
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
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

Master Drugs		
Drug Name	Concentrations	Used As
iacosamide	--- mg / --- mL	Intermittent
epirudin	100 mg / 250 mL (0.4 mg / mL)	
epirudin	--- 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
levobupivacaine	--- 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	1 gram / 50 mL (0.02 gram / mL)	
magnesium sulfate	4 gram / 100 mL (0.04 gram / mL)	
magnesium sulfate	40 gram / 500 mL (0.08 gram / mL)	
magnesium sulfate	--- gram / --- mL	
mannitol [Cl]	--- gram / --- mL	Intermittent
mannitol 10%	100 gram / 1,000 mL (0.1 gram / mL)	

Master Drugs		
Drug Name	Concentrations	Used As
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 [Cl]	--- gram / --- mL	Intermittent
mannitol,KCL,Mag[Cl]	--- 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
mesna	--- mg / --- mL	Intermittent
mesna	--- gram / --- mL	Intermittent
mesna [BSA]	--- mg / --- mL	Intermittent
mesna [Cl]	--- 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
methyl dopa	--- 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

Master Drugs		
Drug Name	Concentrations	Used As
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	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

Master Drugs		
Drug Name	Concentrations	Used As
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

Master Drugs		
Drug Name	Concentrations	Used As
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
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
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

Master Drugs		
Drug Name	Concentrations	Used As
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
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

Master Drugs		
Drug Name	Concentrations	Used As
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
plicamycin	--- mcg / --- mL	
porfirmer	--- mg / --- mL	
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 [III]	--- 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

Master Drugs		
Drug Name	Concentrations	Used As
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
remifentanyl	--- 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	
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
streptozocin	--- mg / --- mL	
succinylcholine	--- mg / --- mL	
SUFentanyl	--- mcg / --- mL	
tacrolimus	--- mg / --- mL	Intermittent
tecovirimat	200 mg / 60 mL (3.3333 mg / mL)	Intermittent
tecovirimat	300 mg / 90 mL (3.3333 mg / mL)	Intermittent
temozolomide	--- mg / --- mL	Intermittent
temsirolimus	--- mg / --- mL	Intermittent
teniposide	--- mg / --- mL	

Master Drugs		
Drug Name	Concentrations	Used As
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

Master Drugs		
Drug Name	Concentrations	Used As
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

Master Drugs		
Drug Name	Concentrations	Used As
zoledronic acid	4 mg / 100 mL (0.04 mg / mL)	

Appendix A.2 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

Master Fluids	
Fluid	Supports Secondary
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

Appendix B Master Therapies List

Therapy
***High Intensity
***Low Intensity
**Stroke
*P. Aterial Occlusio
*Pulmonary Embolism
*Renal Protection
<=1mg
<0.5mg/kg
<15 mg/kg and <1gram
>=0.5mg/kg
>15 mg/kg or >1gram

Therapy
>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

Therapy
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

Appendix C 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

Appendix D PCA Syringe Favorites List

PCA Syringe Favorites	
Syringe Type	Included?
BD Plastipak 20 mL	
BD Plastipak 30 mL	

PCA Syringe Favorites	
Syringe Type	Included?
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	

Appendix E 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	Incompatible 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.
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

Master Clinical Advisories	
Advisory Name	Clinical Advisory Text
UAC	Do Not Administer through a UAC