

Data Set Report

APPROVED



ASPIRUS 3-25-2020

WVHN

(Name) a(n) _____ corporation
(State Incorporated)

(Address) _____
(City, State, Zip)

WVHN acknowledges that WVHN's unique data sets (Customized Data Set) have been developed by WVHN in accordance with WVHN's best practices protocols, for use with Guardrails® Safety Software. WVHN acknowledges that it is the owner of the Customized Data Set and, as such, is solely responsible for the development, verification and usage of the Customized Data Set in accordance with WVHN's best practices protocols.

At WVHN's request, CareFusion personnel may assist WVHN with the upload of WVHN's Customized Data Sets pursuant to the ALARIS® SMARTServiceSM Implementation Program or other service agreements.

Further, WVHN acknowledges that the person signing this agreement on behalf of WVHN is authorized to execute this agreement on behalf of WVHN.

Signature

Name

Title

Date

1. Current Data Set Status

Data Set Name	ASPIRUS 3-25-2020
Hospital Name	WVHN
Data Set ID	0260dfa72-A
Data Set Status	Approved
Last Changed On	3/25/2020 11:18
Filename	C:\Users\b10035\Documents\Guardrails Editor\0260de2d9-R.gre

2. Drug Library by Profile

2.1 Ambulatory Oncology

2.1.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory 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	
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		n/a	Continuous gram/h	1	2	5	1									
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
daratumumab 90 min --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	11.5		13.5	12.8	3		3.4	3.2	0.09		0.12	0.106	Bolus
elotuzumab --- mg / --- mL	X		YES	Continuous mg/kg/min	0.017		0.21										
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Gammagard 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory 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	
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast rate
heparin ACS therapy 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200		3,500		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600											Hypersensitivity
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X X X		YES	Continuous unit/h	0.1	25	75										Insulin advisory
Iron DEXTRAN IV --- mg / --- mL	X		YES	Continuous mg/min	3		7	6									Hypersensitivity
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory 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	
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											
Obinutuzumab 1,000 mg dose 1,000 mg / 250 mL (4 mg / mL)	X		n/a	Continuous mg/h	25	400		50									Saline only
Obinutuzumab 900 mg dose 1,000 mg / 250 mL (4 mg / mL)	X		n/a	Continuous mg/h	25	400		50									Saline only
Ocrelizumab First Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36									Filter 0.22 Micron
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36									Filter 0.22 Micron
Ocrelizumab Subsequent Doses 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48									Filter 0.22 Micron
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h	25	75		50									
ofatumumab Initial Dose 300 mg / 1,000 mL (0.3 mg / mL)	X		n/a	Continuous mg/h	3.6		120										Hypersensitivity
ofatumumab Subsequent Doses 1,000 mg / 1,000 mL (1 mg / mL) 2,000 mg / 1,000 mL (2 mg / mL)	X		n/a	Continuous mg/h	25		800										Hypersensitivity
Privigen 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4									Proteinase rate note
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Proteinase rate note

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory 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	
Zidovudine infusion --- mg / --- mL			YES	Continuous mg/kg/h	0.5	1.5		1									
	X																

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

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Ambulatory Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
CMV immunoglobulin WeightBased	X		mg/mL	49		51
daratumumab 90 min WeightBased	X		mg/mL		1	6.4
elotuzumab WeightBased	X		mg/mL		1.6	4.9
Flebogamma 10% WeightBased	X		mg/mL	99		101
Gammagard 10% WeightBased	X		mg/mL	99		101
Glassia WeightBased	X		mg/mL	15		25
inFLIXimab NonWeightBased	X		mg/mL		0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Iron DEXTRAN IV NonWeightBased	X		mg/mL		0.75	8
Kcentra NonWeightBased	X	X	unit/mL	20		32
morphine NonWeightBased	X		mg/mL	0.9		1.5

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Ambulatory Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
naloxone NonWeightBased	X		mg/mL	0.001		0.006
octreotide NonWeightBased	X		mcg/mL	1		6
Privigen 10% WeightBased	X		mg/mL	99		101
Prolastin-C WeightBased	X		mg/mL	35		60
Wilate NonWeightBased	X		unit/mL		90	120
Zemaira WeightBased	X		mg/mL	35		60
Zidovudine infusion WeightBased	X		mg/mL	1		4

2.1.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Ambulatory Oncology																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X X		n/a	Continuous unit/h	0.1	25	75									

2.1.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.1.5 Intermittent Drugs

Intermittent Drugs - Ambulatory 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	
Abraxane	X	X	mg/m2	80	260		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		5	5.1	
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
ADO-trastuzumab First Dose	X	X	mg/kg	2		4	--- mg / --- mL	X		01:20		02:00	01:30	mg/mL	0.4		1.75	Non-PVC
ADO-trastuzumab Subsequent Doses	X	X	mg/kg	2		4	--- mg / --- mL	X		00:25		02:00	00:30	mg/mL	0.4		1.75	Non-PVC
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00	00:30	n/a				
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00	00:30	n/a				
albumin 5%	X	X	gram	6.25	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	01:00		n/a				
alemtuzumab	X	X	mg	3	30		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.03	0.3	Protect From Light
amifostine	X	X	mg/m2	200	910		--- mg / --- mL	X			00:03	00:30	00:05	mg/mL		1	50	
amikacin	X	X	mg/kg	4		16	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	
amphotericin B Standard Dosing	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	Protect From Light
amphotericin B Blasto load < 100 KG	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	Protect From Light
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				Protect From Light
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	Protect From Light
ampicillin							0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1	
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Ambulatory 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	
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45	
arsenic trioxide	X	X	mg/kg	0.1	0.3		--- mg / --- mL	X			00:55	04:10	02:00	mg/mL		0.02	0.2	
asparaginase	X	X	unit/m2	23,000	27,000		--- unit / --- mL	X		00:30		02:00	01:00	unit/mL		150	600	Hypersensitivity
Atezolizumab First Dose	X	X	mg	830		1,201	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	01:00	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X		00:25		01:20	01:00	n/a				
Atezolizumab Subsequent Doses	X	X	mg	830		1,201	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	00:30	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X		00:25		01:20	00:30	n/a				
ATGAM-lymph horse Ig	X	X	mg	2	45		--- mg / --- mL	X		01:45	03:30	12:00		mg/mL		0.9	4	
azactidine	X	X	mg/m2	37	100		--- mg / --- mL	X		00:05		00:40	00:10	mg/mL		0.5	5	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.001		0.2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low protein binding
bendamustine HCl Bendeka	X	X	mg/m2	50	120		--- mg / --- mL	X			00:08	01:00	00:10	mg/mL		1	6	
bendamustine HCl Treanda	X	X	mg/m2	50	120		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	0.6	
Bevacizumab FIRST	X	X	mg/kg	5	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		1	25	
bevacizumab subseque 10 mg/kg doses	X	X	mg/kg	9	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque 15 mg/kg doses	X	X	mg/kg	14	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque 5 mg/kg doses	X	X	mg/kg	4.5		8	--- mg / --- mL	X			00:09	01:00	00:15	mg/mL		1	25	
bevacizumab subseque 7.5 mg/kg doses	X	X	mg/kg	7		8.5	--- mg / --- mL	X			00:12	01:00	00:15	mg/mL	1		25	
bleomycin	X	X	unit/m2	9	30		--- unit / --- mL	X		00:10		01:30	01:00	unit/mL		0.1	3	

Intermittent Drugs - Ambulatory 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	
brentuximab	X	X	mg/kg	1	2		--- mg / --- mL	X			00:25	00:45	00:30	mg/mL		0.4	1.8	
Cabazitaxel	X	X	mg/m2	20		30	--- mg / --- mL	X		00:45		01:45	01:00	mg/mL	0.1		0.25	Non-PVC
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200	
CARBOplatin	X	X	mg	100	900		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL		0.6	3.6	
carfilzomib	X	X	mg/m2	15	73		--- mg / --- mL	X			00:10	00:45	00:30	mg/mL		0.2	2	
carmustine	X	X	mg/m2	65	210		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.1	0.3	
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
cefePIME	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a				
							600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a				
							--- mg / --- mL	X		00:05		01:00	00:15	mg/mL		0.8	12	
ceftAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	

Intermittent Drugs - Ambulatory 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	
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cetuximab Loading Dose	X	X	mg/m2	350	450		--- mg / --- mL	X		01:45		04:00	02:00	mg/mL		1.5	3	Filter 0.22 Micron
cetuximab Maintenance Dose	X	X	mg/m2	200	400		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.5	3	Filter 0.22 Micron
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
CISplatin	X	X	mg/m2	18	105		--- mg / --- mL	X			00:30	06:00	01:00	mg/mL		0.04	0.5	
cixutumumab	X	X	mg/kg	9	11		--- mg / --- mL	X		00:50		02:30	01:00	mg/mL		1.9	6	Filter 0.22 Micron
cladribine 120 minute infusion	X	X	mg/kg	0.1	0.19		--- mg / --- mL	X			02:00	02:30	02:00	mg/mL	0.007		0.24	
cladribine 24 hour Infusion	X	X	mg/kg	0.08	0.1		--- mg / --- mL	X		21:00	23:00	25:00	24:00	mg/mL		0.01	0.056	
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
clofarabine	X	X	mg/m2	10	42		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.15	0.4	
copanlisib	X	X	mg	30	60		30 mg / 100 mL (0.3 mg / mL)	X			01:00	02:00	01:00	n/a				copanlisib
							45 mg / 100 mL (0.45 mg / mL)	X			01:00	02:00	01:00	n/a				
							60 mg / 100 mL (0.6 mg / mL)	X			01:00	02:00	01:00	n/a				
							--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.25	0.6	
cycloPHOSPHAmide	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:15		01:30	00:20	mg/mL		1	20	
cytarabine INFUSION	X	X	mg/m2	80	220		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	3	cytarabine INFUSION

Intermittent Drugs - Ambulatory 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 IVPB	X	X	mg/m2	900	3,300		--- mg / --- mL	X			01:45	04:00	02:00	mg/mL		0.9	7	cytarabine IVPB	
dacarbazine	X	X	mg/m2	150	1,000		--- mg / --- mL	X			00:20	02:30	00:30	mg/mL		0.5	10	Protect From Light	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15		
Daratumumab First Dose	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30	04:00	21:00	20:00	mg/mL		0.5	2	Filter 0.22 Micron	
Daratumumab Second Dose	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30		12:00	10:00	mg/mL		0.5	4	Filter 0.22 Micron	
Daratumumab Subsequent Doses	X	X	mg/kg	14	17		--- mg / --- mL	X		01:30		06:00		mg/mL		1.6	4	Filter 0.22 Micron	
Decitabine	X	X	mg/m2	8	20		--- mg / --- mL	X		00:50		03:20		mg/mL		0.05	0.2		
denileukin	X	X	mcg/kg	9	18		--- mcg / --- mL	X			00:30	01:30	01:00	mcg/mL	15		30		
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4		
dexaMETHasone	X	X	mg	4	24		--- mg / --- mL	X	X		00:10	00:30	00:15	mg/mL		0.08	1		
dexRAZOXane < 2 m2 CrCl < 40 mL/min	X	X	mg/m2	250	500		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4		
dexRAZOXane < 2 m2 CrCl >= 40 mL/min	X	X	mg/m2	500	1,000		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4		
dexRAZOXane >= 2 m2 CrCl < 40 mL/min	X	X	mg	250	1,000		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4		
dexRAZOXane >= 2 m2 CrCl >= 40 mL/min	X	X	mg	500	2,000		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4		
diphenhydrAMINE	X	X	mg	12.5	50		--- mg / --- mL	X	X		00:10	00:30	00:15	mg/mL		0.2	1		
DOCEtaxel	X	X	mg/m2	35	100		--- mg / --- mL	X			00:45	03:00	01:00	mg/mL		0.3	0.74	DEHP	
dolasetron	X	X	mg	12.5	100		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	2		
DOXOrubicin INFUSION	X	X	mg/m2	8	50		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.03	0.2	Vesicant	
DOXOrubicin, liposo	X	X	mg/m2	20	50		--- mg / --- mL	X			00:30	02:00		mg/mL		0.12	0.44	Dextrose only	
durvalumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	15	Filter 0.22 Micron	
Eculizumab	X	X	mg	300		1,201	300 mg / 60 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a					
							600 mg / 120 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a					
							900 mg / 180 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a					

Intermittent Drugs - Ambulatory 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	
ertapenem	X	X	gram	0.45	1.25		1,200 mg / 240 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
etoposide	X	X	mg/m2	35	200		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		0.1	0.4	Etoposide IVPB
Etoposide CONT INFUS	X	X	mg/m2	80	110		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL	0.1		0.4	Etoposide continuous
Ferric CARBOXymaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL	1.5		3.2	
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
fluDARAbine	X	X	mg/m2	10	30		--- mg / --- mL	X			00:15	01:15	00:30	mg/mL		0.2	1	
fluoroURACIL	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:05		24:00	00:10	mg/mL		0.1	50	
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
							--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fosaprepitant_EMEND	X	X	mg	115	150		150 mg / 250 mL (0.6 mg / mL)	X		00:16		00:40	00:20	n/a				
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
GANciclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gemCITAbine	X	X	mg/m2	500	1,500		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	40	
gemTUzumab	X	X	mg/m2	1.9	6.1		--- mg / --- mL	X			01:45	04:00	02:00	mg/mL		0.03	0.2	
gentamicin Dose =< 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL	0.5		10	
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	

Intermittent Drugs - Ambulatory 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		
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low protein binding	
granisetron	X	X	mg	0.1	1.1		1 mg / 50 mL (0.02 mg / mL) --- mg / --- mL	X			00:10	00:30	00:15	n/a					
IFOSfamide	X	X	mg/m2	500	5,000		--- mg / --- mL	X		00:30		24:00		mg/mL		0.6	20		
IFOSfamide-MESNA	X	X	mg/m2	500	5,500		--- mg / --- mL	X		00:30		25:00	24:00	mg/mL		2	29		
interferon alpha-2b	X	X	unit/m2	10	22		--- unit / --- mL	X		00:15		60:00	00:20	unit/mL		0.2	0.6	1unit=1million	
IPILIMumab	X	X	mg/kg	2.8	3.2		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		1	2	Filter 0.22 Micron	
IRINotecan 30 minute infusion	X	X	mg/m2	40	200		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.12	0.5		
IRINotecan 60 minute infusion	X	X	mg/m2	60	350		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.12	2.8		
IRINotecan 90 minute infusion	X	X	mg/m2	60	350		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL		0.12	2.8		
IRINotecan liposomal	X	X	mg/m2	45	80		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL	0.12		2.8		
iron sucrose							100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a					
	X	X	mg	25	500		200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a					
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a					
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1		
ixabepilone	X	X	mg/m2	15	40		--- mg / --- mL	X		02:40		03:20	03:00	mg/mL		0.2	0.6	DHEP and Lactate	
leucovorin 120 minute infusion	X	X	mg/m2	10	500		--- mg / --- mL	X			01:55	03:00	02:00	mg/mL		0.03	20		
leucovorin 15 minute infusion	X	X	mg/m2	10	500		--- mg / --- mL	X		00:10		00:30	00:15	mg/mL		0.03	20		
leucovorin 30 minute infusion	X	X	mg/m2	10	500		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.03	20		
leucovorin 60 minute infusion	X	X	mg/m2	10	500		--- mg / --- mL	X			00:55	02:00	01:00	mg/mL		0.03	20		
levETIRAcetam							500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a					
	X	X	mg	250	1,500	3,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a					
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15		
levoFLOxacin							250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a					
	X	X	mg	250	750		500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a					
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a					
levoLEUCovorin	X	X	mg/m2	10	500		--- mg / --- mL	X			00:15	03:00	02:00	mg/mL		0.5	4.5		
levoLEUCovorin	X	X	mg	5	500		--- mg / --- mL	X		00:30	00:45	02:00	01:00	mg/mL	0.5		5		

Intermittent Drugs - Ambulatory 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	
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
magnesium sulfate							1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	01:00	n/a				
	X	X	gram	0.5	7	8	4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	02:00	n/a				
							--- gram / --- mL	X			00:30	12:00		gram/mL		0.01	0.12	
Mannitol IVPB	X	X	gram	12		28	12.5 gram / 100 mL (0.125 gram / mL)	X			00:06	00:15	00:07	n/a				
							25 gram / 140 mL (0.1786 gram / mL)	X			00:09	00:20	00:10	n/a				
							--- gram / --- mL	X			00:06	00:30		No				
meropenem	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20	
MESNA BOLUS	X	X	mg/m2	200	600		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		4	30	
MESNA INFUSION	X	X	mg/m2	600	2,500		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		3	11	
methoTREXATE Standard Dosing	X	X	mg/m2	20	50		--- mg / --- mL	X			00:15	12:00		mg/mL		0.1	25	
methoTREXATE High Dose - GRAMS	X	X	gram/m2	1	12		--- gram / --- mL	X			01:00	25:00		gram/mL		0.01	0.25	
methylPREDNISolone	X	X	mg	250	2,000		--- mg / --- mL	X		00:15		01:00		mg/mL		2.5	40	
metronIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:25	02:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	02:00	01:00	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
mitoMYcin	X	X	mg/m2	10	20		--- mg / --- mL	X			00:15	00:30	00:20	mg/mL		0.4	2	Vesicant
mitoXANtrone	X	X	mg/m2	10	15		--- mg / --- mL	X			00:20	00:45	00:30	mg/mL		0.2	0.4	Vesicant
mogamulizumab	X		mg/kg	0.8	1.2		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.1	3	Filter/hyperse nsitiv
moxetumomab	X	X	mg/kg	0.03	0.05		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.02	0.2	
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafacillin							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
	X	X	gram	0.2	2		2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04	

Intermittent Drugs - Ambulatory 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	
Nelarabine	X	X	mg/m2	1,400	1,650		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL	4.9		5.1	
Nivolumab	X	X	mg	239		481	240 mg / 100 mL (2.4 mg / mL)	X			00:25	01:50	00:30	n/a				
							480 mg / 100 mL (4.8 mg / mL)	X			00:25	01:50	00:30	n/a				
Nivolumab	X	X	mg/kg	0.8		3.3	--- mg / --- mL	X			00:25	01:50	00:30	mg/mL	0.65		10	
Obinutuzumab-100 mg	X	X	mg	99	101		100 mg / 100 mL (1 mg / mL)	X			03:30	04:30	04:00	n/a				Saline only
Olaratumab	X	X	mg/kg	10	17		--- mg / --- mL	X			00:50	02:30	01:00	mg/mL		2.4	7.5	Saline only
ondansetron	X	X	mg	2	32		--- mg / --- mL	X	X		00:10	01:00	00:15	mg/mL		0.04	0.64	
Ondansetron ARCC	X	X	mg	2	32		16 mg / 90 mL (0.1778 mg / mL)	X			00:10	01:00	00:15	n/a				
Oritavancin	X	X	mg	700	1,250		800 mg / 1,000 mL (0.8 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				Dextrose only
							1,200 mg / 1,000 mL (1.2 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				
OXALipltin	X	X	mg/m2	75	135		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.15	1.5	Oxaliplatin
PACLitaxel 1 hour infusion	X	X	mg/m2	25	100		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.3	1.2	Paclitaxel
PACLitaxel 3 hour infusion	X	X	mg/m2	120	230		--- mg / --- mL	X			02:30	05:00	03:00	mg/mL		0.3	1.2	Paclitaxel
Palonosetron	X	X	mg	0.2	0.25		0.25 mg / 50 mL (0.005 mg / mL)	X	X		00:10	00:30	00:15	n/a				
pamidronate	X	X	mg	29	90		30 mg / 250 mL (0.12 mg / mL)	X		00:50	00:55	06:00	01:00	n/a				Dedicated IV Line
							60 mg / 250 mL (0.24 mg / mL)	X		00:55	01:45	06:00	02:00	n/a				
							90 mg / 250 mL (0.36 mg / mL)	X			02:00	06:00	04:00	n/a				
							--- mg / --- mL	X			02:00	06:00	04:00	mg/mL		0.001	0.4	
panitumumab First Dose	X	X	mg/kg	3	9		200 mg / 100 mL (2 mg / mL)	X			00:25	01:30	00:30	n/a				filter low protein
							--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		5	10	
panitumumab Subsequent Doses	X	X	mg/kg	3	9		200 mg / 100 mL (2 mg / mL)	X			00:20	01:30	00:30	n/a				filter low protein
							--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		5	10	
pegaspargase	X	X	unit/m2	2,250	2,750		--- unit / --- mL	X		00:50		02:30	01:00	unit/mL	30		63	
Pembrolizumab	X	X	mg	180		220	200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.22 Micron
Pembrolizumab	X	X	mg/kg	1.75	2.25		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	1		10	Filter 0.22 Micron
PEMEtrexed	X	X	mg/m2	375	500		--- mg / --- mL	X		00:08		00:15	00:10	mg/mL		3	13	
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million

Intermittent Drugs - Ambulatory 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		
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million	
Pertuzumab	X	X	mg	419		841	420 mg / 264 mL (1.5909 mg / mL)	X			00:20	01:30	00:30	n/a				Pertuzumab	
							840 mg / 278 mL (3.0216 mg / mL)	X			00:50	01:30	01:00	n/a					
piperacillin/tazo 30 minute infusion	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					
							3.37 gram / 50 mL (0.0674 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					
							--- gram / --- mL	X			00:25	01:00	00:30	No					
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning	
							3.37 gram / 100 mL (0.0337 gram / mL)	X			03:50	04:10	04:00	n/a					
							--- gram / --- mL	X			03:50	04:10	04:00	No					
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only	
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a					
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a					
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4		
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning	
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a					
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2		
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a					
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24		
potassium PHOSphate Peripheral	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a					
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09		
prochlorperazine	X	X	mg	5	10		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.1	0.2		
Ramucirumab	X	X	mg/kg	7	11		--- mg / --- mL	X		00:50		03:00	01:00	mg/mL	1.5		4	Filter 0.22 Micron	
ranitidine	X	X	mg	25	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	00:15	n/a					
rasburicase	X	X	mg	1.5		14.2	3 mg / 50 mL (0.06 mg / mL)	X		00:25		00:45	00:30	n/a				Saline only	
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.025		0.285		
ravulizumab-cwvz	X		mg	2,350	3,050		2,400 mg / 480 mL (5 mg / mL)	X		02:00		04:00	02:00	n/a				Filter 0.22	

Intermittent Drugs - Ambulatory 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	
Loading Dose							2,700 mg / 540 mL (5 mg / mL)	X		01:45		04:00	01:45	n/a				Micron
trastuzumab-cwvz Maintenance Dose	X		mg	2,950	3,650		3,000 mg / 600 mL (5 mg / mL)	X		02:00		04:00	02:00	n/a				Filter 0.22 Micron
							3,000 mg / 600 mL (5 mg / mL)	X		02:30		05:00	02:30	n/a				
							3,300 mg / 660 mL (5 mg / mL)	X		02:00		05:00	02:00	n/a				
							3,600 mg / 720 mL (5 mg / mL)	X		02:15		05:00	02:15	n/a				
rifampin	X	X	mg	100	600		300 mg / 250 mL (1.2 mg / mL)	X			00:50	03:00	01:00	n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00	01:00	n/a				
							--- mg / --- mL	X			00:55	03:00		mg/mL		0.1	6	
ritUXimab	X	X	mg/m2	60	500		--- mg / --- mL	X			01:00	25:00		mg/mL		0.4	4	Hypersensitivi ty
romiDEPsin	X	X	mg/m2	4.5	14.5		--- mg / --- mL	X			04:00	08:00	04:00	mg/mL		0.01	0.07	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
STREPTOzocin	X	X	mg/m2	400		1,500	--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.8	6	Vesicant
temSIROLimus	X	X	mg	15	25		--- mg / --- mL	X		00:25		01:15	00:30	mg/mL		0.099	0.1	Non-PVC
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
ticarcillin/clav	X	X	gram	2	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:25	01:00	00:30	n/a				
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAmycin Dose =< 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAmycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8	
topoTECAN	X	X	mg/m2	0.4	4.2		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.004		0.1	
trastuzumab Loading Dose	X	X	mg/kg	4	8.5		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.4	5	
trastuzumab Subsequent Doses	X	X	mg/kg	1.9	6.5		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		0.4	5	
VANCOmycin 1,000mg/200mg Wausau	X	X	mg	125	2,500		1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin All Facilities	X	X	mg	125	2,600		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				

Intermittent Drugs - Ambulatory 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	
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 250 mL (6 mg / mL)	X			01:50	03:30	02:00	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:00	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL		0.5	7	
Vedolizumab	X	X	mg	299	301		300 mg / 250 mL (1.2 mg / mL)	X			00:25	01:30	00:30	n/a				
vinBLASTine	X	X	mg/m2	2	10		--- mg / --- mL	X		00:03		00:12	00:05	mg/mL	0.156		0.62	Vesicant
vinCRISTine	X	X	mg	0.5	3		--- mg / --- mL	X		00:03		00:12	00:10	mg/mL	0.02		0.125	Vesicant
vinORELbine	X	X	mg/m2	15	30		--- mg / --- mL	X		00:05		00:11	00:10	mg/mL	0.6		2.4	Vesicant
VORiconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a				
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6	
Vyxeos	X	X	mg/m2	20	50		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.05	0.25	
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	
Ziv-aflibercept	X	X	mg/kg	3.5	4.5		--- mg / --- mL	X		00:45		01:15	01:00	mg/mL	0.6		8	Non-PVC
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.05	

2.1.6 Fluids

Fluids - Ambulatory Oncology							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
..IVF + KCL 10 mEq/L	Yes	X		1	999		
..IVF + KCL 20 mEq/L	Yes	X		1	500		
..IVF + KCL 30 mEq/L	Yes	X		1	333	350	
..IVF + KCL 40 mEq/L	Yes	X		1	250	275	
..Maint IVF+Additives	Yes	X		1	250		

Fluids - Ambulatory Oncology							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
Bicarb Drip	Yes	X		1	250		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	400		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Sodium Chlor 3%	Yes	X		1		125	
TPN	No	X		15	175	250	1.2 micron filter

2.1.7 PCA Drugs

PCA Drugs - Ambulatory Oncology						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
	fentaNYL					
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	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Ambulatory Oncology						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
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	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Ambulatory Oncology						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
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	0.1	4	8	1	Dosing Units mg
Continuous Dose / h	n/a	0.5	6	10	1	
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.5	8	10	n/a	
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	2	50			

2.2 Critical Care

2.2.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - 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 Weight under 80Kg --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.12	0.126	0.127	0.125									
abciximab Weight >= to 80kg 7.2 mg / 250 mL (0.0288 mg / mL)	X		n/a	Continuous mcg/min	9.5		10.5	10									
Adenosine (CATH LAB) 60 mg / 20 mL (3 mg / mL) 90 mg / 30 mL (3 mg / mL) 150 mg / 50 mL (3 mg / mL) --- mg / --- mL	X	X X X	NO	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	25	300		140	50	505		100	25		255	50	
agalsidase beta 65 mg / 100 mL (0.65 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	5		46.7	23.4									filter low protein
alteplase EKOS infusion 24 mg / 240 mL (0.1 mg / mL)	X		n/a	Continuous mg/h	0.45		1.1	0.5									
alteplase MI 67KG or less --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	1.5	1.7	1.5	14	15	16	15	14	15		15	
alteplase MI greater than 67KG 100 mg / 100 mL (1 mg / mL)	X		n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	35	100	101	100	14	15	16	15	14	16		15	
alteplase Pulmonary Embolism 100 mg / 100 mL (1 mg / mL)	X		n/a	Continuous mg/h	49	51		50									
alteplase Stroke 100kg and up 90 mg / 90 mL (1 mg / mL)	X		n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	80	82		81	8.9	9.1		9	4	9.1		9	

Continuous/Bolus - Non-Anesthesia Drugs - 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	
alteplase Stroke less 100 kg --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.78	0.82		0.81	0.08	0.09		0.09	0.04	0.1		0.09	
alteplase Vascular Occlusions 4 mg / 100 mL (0.04 mg / mL) 10 mg / 50 mL (0.2 mg / mL) 25 mg / 125 mL (0.2 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h	0.25	2	5										
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		n/a	Continuous gram/h	1	2	5	1									
AMINOPhyllineINFUSIO 250 mg / 250 mL (1 mg / mL) 1,000 mg / 1,000 mL (1 mg / mL)	X X		n/a	Continuous mg/h	10	40	60										
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	0.5	1	1.5										Filter 0.22 Micron
angiotensin II 2.5 mg / 500 mL (0.005 mg / mL)	X		n/a	Continuous nanogram/kg/min	2.5	40	80										
Aralast --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast rate
argatroban .Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X X X		n/a	Continuous mcg/kg/min	0.45	10	10.1	1.5									2nd RN to verify
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X X		n/a	Continuous mcg/kg/min	0.1	5	10.1	0.5									2nd RN to verify
atracurium 50 mg / 250 mL (0.2 mg / mL) 100 mg / 500 mL (0.2 mg / mL) --- mg / --- mL	X X X		YES	Continuous mcg/kg/min	1.8	30	39										Neuromuscular BA

Continuous/Bolus - Non-Anesthesia Drugs - 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 Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Dialysis dosing 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.2	0.3		0.25	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.15	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	
bumetanide continuos 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X X		n/a	Continuous mg/h	0.1	4	8										
cisATRacurium 200 mg / 200 mL (1 mg / mL) --- mg / --- mL	X X		YES	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1	Neuromuscular BA
Clevidipine 25 mg / 50 mL (0.5 mg / mL)	X		n/a	Continuous mg/h	1	32	50										12 Hour Tubing
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
cosyntropin 0.5 mg / 100 mL (0.005 mg / mL) --- mg / --- mL	X X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	49	51		50	249		251	250	80		83.3	83	
dexmedeTOMidine 400 mcg / 100 mL (4 mcg / mL) 1,000 mcg / 250 mL (4 mcg / mL) --- mcg / --- mL	X X X		YES	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mca/kg/min	0.05		1.5	0.2	0.5	2	2.1	1	0.03	0.04	0.067	0.033	

Continuous/Bolus - Non-Anesthesia Drugs - 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	
Dextrose - Heparin 50 unit / 1 mL (50 unit / mL)	X		n/a	Continuous unit/h	200	600	1,000										Impella advisory
diltiazem 125 mg / 125 mL (1 mg / mL)	X		n/a	Continuous mg/h	2.5		15	5									
DOBUTamine .Standard Dosing 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.5	15											
DOBUTamine Stress test 250 mg / 250 mL (1 mg / mL)	X		n/a	Continuous mcg/kg/min	2.5	40											Stress Test
DOPamine 400 mg / 250 mL (1.6 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	1	20	50										Central Line Only
EPINEPHrine 4 mg / 250 mL (0.016 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	0.2	0.5										Central Line Only
Epoprostenol 1,500 mcg / 50 mL (30 mcg / mL)		X	n/a	Continuous nanogram/kg/min	5	50											Veletri
eptifibatide .Standard Dosing 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mcg/kg/min	0.5	2.2		2									CrCl > 50 mL/min
eptifibatide .Weight121kg & above 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mg/h	13	15.1		15									CrCl > 50 mL/min
eptifibatide Renal Dose 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mcg/kg/min	0.25	1.1		1									CrCl < 50 mL/min
eptifibatide Renal Dose wt >121kg 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mg/h	6	7.6		7.5									CrCl < 50 mL/min
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	300		50	100	1,000			100	1,000		500	

Continuous/Bolus - Non-Anesthesia Drugs - 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	
fenoldopam 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL)	X X		n/a	Continuous mcg/kg/min	0.01	0.1	0.4										
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL) 5,000 mcg / 250 mL (20 mcg / mL) --- mcg / --- mL	X X X		NO	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
FUROSemide AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	1	80	160										
FUROSemide All Other Facilities 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	1	80	160										
Gammagard 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Gamunex - C 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast rate
glucagon 10 mg / 100 mL (0.1 mg / mL)	X		n/a	Continuous mg/h	0.5		3	1									

Continuous/Bolus - Non-Anesthesia Drugs - 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 ACS therapy 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200		3,500		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin CRRT 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000	4,000	5,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin ECMO 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500			500	4,000	6,000		1,000		1,600	1,600	
heparin Impella 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000	4,000	5,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
heparin TBI 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	1,500	3,500										2nd RN to verify
heparin 2 units/mL 1,000 unit / 500 mL (2 unit / mL)	X		n/a	Continuous unit/h	12.5	100		50									heparin flush bag

Continuous/Bolus - Non-Anesthesia Drugs - 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	
HYDROMorphone 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.5	5											2nd RN to verify
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600											Hypersensitivity
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.1	25	75										Insulin advisory
isoproterenol 1 mg / 250 mL (0.004 mg / mL)	X		n/a	Continuous mcg/min	0.5	10											
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/h	50	200											
labetalol 300 mg / 150 mL (2 mg / mL) 500 mg / 250 mL (2 mg / mL)	X		n/a	Continuous mg/min	0.05	2.5		2									
levothyroxine 200 mcg / 500 mL (0.4 mcg / mL) 400 mcg / 500 mL (0.8 mcg / mL)	X		n/a	Continuous mcg/h	10	80	85	40									
Lidocaine Cardiac 2,000 mg / 500 mL (4 mg / mL)	X		n/a	Continuous mg/min	0.5	4	5										
LORazepam 40 mg / 120 mL (0.3333 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	10	25		1	10	10.1		1	5	5.1	5	Filter 0.22 Micron
midazolam 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	20			0.5	5			1	2		2	

Continuous/Bolus - Non-Anesthesia Drugs - 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	
milrinone 20 mg / 100 mL (0.2 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.125	0.75			25	50	55	50	1	5			
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X X X		YES	Continuous mg/h	0.064	3.9											
niCARDipine 20 mg / 200 mL (0.1 mg / mL) 25 mg / 250 mL (0.1 mg / mL) --- mg / --- mL	X X X		YES	Continuous mg/h	0.5	15		2.5									Central preferred
nitroGLYcerin 25 mg / 250 mL (0.1 mg / mL) 50 mg / 250 mL (0.2 mg / mL)	X X		n/a	Continuous mcg/min	1	200											
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	0.01	10											Protect From Light
NORepinephrine 4 mg / 250 mL (0.016 mg / mL) 8 mg / 250 mL (0.032 mg / mL) 16 mg / 250 mL (0.064 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mcg/kg/min	0.01	3											Central Line Only
Ocrelizumab First Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36									Filter 0.22 Micron
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36									Filter 0.22 Micron
Ocrelizumab Subsequent Doses 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48									Filter 0.22 Micron

Continuous/Bolus - Non-Anesthesia Drugs - 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 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X	X	YES	Continuous mcg/h	25	75		50									
oxytocin 30 unit / 500 mL (0.06 unit / mL)	X		n/a	Continuous milliunit/min	0.5	40	300										
Pantoprazole Infusio 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									
PENTobarbital CI 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.5	5											
PHENylephrine 40 mg / 250 mL (0.16 mg / mL) --- mg / --- mL	X	X	YES	Continuous mcg/kg/min	0.02	9											Central Line Only
Privigen 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25	250	480	25									No filter required
procainamide 1,000 mg / 250 mL (4 mg / mL) 2,000 mg / 500 mL (4 mg / mL)	X	X	n/a	Continuous mg/min	1	4	5										
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4									Proteinase rate note
propofol 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	n/a	Continuous mcg/kg/min	5	70	80										12 Hour Tubing
riTUXimab ACU 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	25		410	50									Hypersensitivity
rocuronium 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	4	16			10	1,200			10	1,200			

Continuous/Bolus - Non-Anesthesia Drugs - 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	
tirofiban CrCl < 60 mL/min 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.04		0.2	0.075	11		26	25	0.3		9	8.33	Tirofiban dosing
tirofiban CrCl >= 60 mL/min 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.04		0.2	0.15	11		26	25	0.3		9	8.33	Tirofiban dosing
TRANexamic acid CV 3,000 mg / 250 mL (12 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.2	19		2	9	50		10	0.9	1.2		1	
Treprostinil 1,250 mcg / 500 mL (2.5 mcg / mL) --- mcg / --- mL	X		YES	Continuous nanogram/kg/min	0.625	20											Filter 0.22 Micron
vasopressin 40 unit / 100 mL (0.4 unit / mL) --- unit / --- mL	X		YES	Continuous unit/min Bolus Dose unit Bolus Admin Rate unit/min	0.01		0.11		3	5		4	3	5		4	Central Line Only
vecuronium 100 mg / 250 mL (0.4 mg / mL) --- mg / --- mL	X		NO	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120			Neuromuscular BA
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Proteinase rate note
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

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

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
abciximab <i>weight under 80Kg</i> WeightBased	X		mcg/mL	0.01		0.03
agalsidase beta NonWeightBased	X		mg/mL	0.2		0.72
alteplase <i>MI 67KG or less</i> WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase <i>Stroke less 100 kg</i> WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase <i>Vascular Occlusions</i> NonWeightBased	X		mg/mL	0.04		0.3
Aralast WeightBased	X		mg/mL	15		25
atracurium WeightBased	X		mcg/mL	100		500
cisATRAcurium WeightBased	X		mcg/mL	998	1,000	1,001
CMV immunoglobulin WeightBased	X		mg/mL	49		51
cosyntropin NonWeightBased	X		mcg/mL		2.5	5
dexmedetomidine WeightBased	X		mcg/mL	3.9		5
DOBUTamine <i>Standard Dosing</i> WeightBased	X		mcg/mL	1,000		4,000
DOPamine WeightBased	X		mcg/mL	800		3,200
EPINEPHrine WeightBased	X		mcg/mL	16		100

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROsemide AIR NonWeightBased	X		mg/mL		0.5	11
FUROsemide All Other Facilities NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL	99		101
Gamunex - C 10% WeightBased	X		mg/mL	99		101
Glassia WeightBased	X		mg/mL	15		25
HYDromorphone 1MG/ML NonWeightBased	X		mg/mL		0.8	1.2
inFLIXimab NonWeightBased	X		mg/mL		0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
Ketamine Continuous WeightBased	X		mcg/mL	0.4	0.5	2
LORazepam NonWeightBased	X		mg/mL	0.3		0.6
midazolam NonWeightBased	X		mg/mL	0.2		1
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.006

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
niCARDipine NonWeightBased	X		mg/mL		0.05	0.1
NOREpinephrine WeightBased	X		mcg/mL		16	64
octreotide NonWeightBased	X		mcg/mL	1		6
PENTobarbital CI WeightBased	X		mg/mL		1	8
PHENYLEphrine WeightBased	X		mcg/mL	35		320
Privigen 10% WeightBased	X		mg/mL	99		101
Prolastin-C WeightBased	X		mg/mL	35		60
riTUXimab ACU NonWeightBased	X		mg/mL	1.3		2.1
rocuronium WeightBased	X		mcg/mL		800	1,200
Treprostinil WeightBased	X		nanogram/ mL	2,500		9,999
vasopressin NonWeightBased	X		unit/mL	0.3		0.5
Wilate NonWeightBased	X		unit/mL		90	120
Zemaira WeightBased	X		mg/mL	35		60
Zidovudine infusion WeightBased	X		mg/mL	1		4

2.2.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Critical Care																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
atracurium 10 mg / 1 mL (10 mg / mL) 20 mg / 100 mL (0.2 mg / mL) 50 mg / 100 mL (0.5 mg / mL)		X	YES	Continuous mcg/kg/min	1.8	30	39									
cisATracurium 2 mg / 1 mL (2 mg / mL)		X	YES	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1
dantrolene ANESTHESI --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	100	500			0.5	2.5	2.7	1	0.001	0.04		0.017
dantrolene ANESTHESI 20 mg / 60 mL (0.3333 mg / mL)		X	n/a	Continuous mg/kg/h	0.15	0.3		0.25								
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X X		n/a	Continuous unit/h	0.1	25	75									
midazolam 1 mg / 1 mL (1 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	6			10	300			10	25		
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		

Continuous/Bolus - Anesthesia Only Drugs - Critical Care																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
protamine sulfate 10 mg / 1 mL (10 mg / mL)		X	n/a	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	0.1	5			5	50			1	5		
remifentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.125	1.5			0.25	1			0.25	1.5		
rocuronium 10 mg / 1 mL (10 mg / mL)		X	YES	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	4	16			10	1,200			10	1,200		
succinylcholine 20 mg / 1 mL (20 mg / mL)		X	n/a	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	1	4.3			0.1	1.2			0.3	2.8		2.4
SUFentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.1	2			0.5	5			0.5	2.5		
vecuronium 1 mg / 1 mL (1 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120		

2.2.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
dantrolene ANESTHESI	X		mg/mL		0.3	0.35
NonWeightBased						

2.2.5 Intermittent Drugs

Intermittent Drugs - 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	
.fluid bolus	X	X	unit	10	1,000		500 unit / 500 mL (1 unit / mL)	X			00:30	03:00	01:00	n/a				Saline
							1,000 unit / 1,000 mL (1 unit / mL)	X			01:00	03:00	01:01	n/a				
							--- unit / --- mL	X			00:05	03:00	01:00	unit/mL	0.9		1.1	
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Protein and filter
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophe n doses
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine First Dose	X	X	gram/kg	0.13	0.17		--- gram / --- mL	X			00:30	02:00	01:00	gram/m L	0.021		0.047	Acetylcysteine bolus
acetylcysteine Second Dose	X	X	gram/kg	0.04	0.06		--- gram / --- mL	X			03:30	05:00	04:00	gram/m L	0.003		0.01	acetylcysteine 2nd
acetylcysteine Third Dose	X	X	gram/kg	0.09	0.11		--- gram / --- mL	X			13:20	18:00	16:00	gram/m L	0.003		0.01	acetylcysteine 3rd
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00	00:30	n/a				
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00	00:30	n/a				
albumin 5%	X	X	gram	6.25	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	01:00		n/a				
alemtuzumab	X	X	mg	11	13		12 mg / 100 mL (0.12 mg / mL)	X			03:30	06:00	04:00	n/a				Protect From Light
amikacin	X	X	mg/kg	4		16	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
Aminocaproic LOAD	X	X	gram	4	5		5 gram / 250 mL (0.02 gram / mL)	X			00:45	01:30	01:00	n/a				
							--- gram / --- mL	X			00:45	01:30	01:00	gram/m L		0.01	0.02	
AMIODArone Loading	X	X	mg	149	151		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							--- mg / --- mL	X			00:08	01:00		mg/mL		1	3	

Intermittent Drugs - 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	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	
amphotericin B Standard Dosing	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	Protect From Light
amphotericin B Blasto load < 100 KG	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	Protect From Light
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				Protect From Light
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	Protect From Light
ampicillin	X	X	gram	0.2	3		0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L	0.005		0.1	
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/m L	0.015		0.45	
ascorbic acid	X	X	mg	100	2,000		1,500 mg / 100 mL (15 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL		5	20	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L	0.001		0.2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low protein binding
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
Bumetanide in HSS	X	X	mg	2	10		4 mg / 150 mL (0.0267 mg / mL)	X		00:25		00:45	00:30	n/a				Not for continuous
							8 mg / 150 mL (0.0533 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL		0.012	0.08	
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X			00:08	02:00	01:00	n/a				Central Line Only
							--- mg / --- mL	X			00:08	02:00	01:00	mg/mL	10		100	
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				

Intermittent Drugs - 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		
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a					
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL			10	200	
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L			0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a					
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a					
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a					
cefePIME	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L			0.01	0.04	
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a					
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a					
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L			0.01	0.04	
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a					
							600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a					
							--- mg / --- mL	X		00:05		01:00	00:15	mg/mL			0.8	12	
ceftAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L			0.01	0.04	
cefTRIAXone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L			0.01	0.04	
cefTRIAXone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a					
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a					
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL			1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a					
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a					

Intermittent Drugs - 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	
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
CSL112 or Placebo	X	X	gram	2		6	6 gram / 170 mL (0.0353 gram / mL)	X			01:50	02:30	02:00	n/a				
dantrolene	X	X	mg/kg	1	2.5		--- mg / --- mL	X			00:50	03:00	01:00	mg/mL		0.2	0.35	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dexaMETHasone	X	X	mg	4	24		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
digoxin immune fab	X	X	mg	10	800		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.1	1	Filter 0.22 Micron
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X			00:45	04:00		mg/mL		0.1	1	
Eculizumab	X	X	mg	300	1,201		300 mg / 60 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							600 mg / 120 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							900 mg / 180 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							1,200 mg / 240 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
edaravone	X		mg	29		31	30 mg / 100 mL (0.3 mg / mL)	X		00:25		01:00	00:30	n/a				Hypersensitivity
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
Estrogen, conjugated	X	X	mg	5	25		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:30	n/a				
famotidine	X	X	mg	15		21	20 mg / 50 mL (0.4 mg / mL)	X		00:05		00:30	00:15	n/a				
Ferric	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				

Intermittent Drugs - 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	
CARBOXymaltos							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL	1.5		3.2	
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
							--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fomepizole	X	X	mg/kg	9	16		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	20	
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
							500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.5		7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gentamicin Dose <= 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL	0.5		10	
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Glycophos	X	X	mmol	1	16	20	--- mmol / --- mL	X			06:00	24:00	08:00	mmol/mL	0.004		0.1	Glycophos
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low protein binding
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	
hydroxocobalamin	X	X	gram	4	5		5 gram / 200 mL (0.025 gram / mL)	X			00:15	00:20	00:15	n/a				
ibutilide pt weight < 60kg	X	X	mg/kg	0.009	0.011		--- mg / --- mL	X		00:04	00:05	00:30	00:10	mg/mL		0.001	0.02	
ibutilide pt weight >= 60kg	X	X	mg	0.85	1.25		1 mg / 50 mL (0.02 mg / mL)	X		00:04	00:05	00:30	00:10	n/a				
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			00:50	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00		mg/mL		2	5	

Intermittent Drugs - 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	
iron DEXTRAN Iron test dose	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN Maintenance Dose	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	Hypersensitivi ty
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
ketamine Intermitent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL	0.05		1	
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levoFLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
lidocaine pain ED wt 135 kg and up	X	X	mg	190	210		200 mg / 100 mL (2 mg / mL)	X		00:09		01:30	00:10	n/a				
lidocaine pain ED wt less 135 kg	X	X	mg/kg	0.5	5.2		--- mg / --- mL	X		00:09		01:30	00:10	No				
lidocaine pain Procedure Center	X	X	mg/kg	1.5	5.5		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		2	6	Procedure Center Pai
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
magnesium sulfate	X	X	gram	0.5	7	8	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	01:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	02:00	n/a				
							--- gram / --- mL	X			00:30	12:00		gram/mL		0.01	0.12	
mannitol 20%	X	X	gram	10	50		--- gram / --- mL	X		00:25		01:30	00:30	gram/mL		0.2	0.25	
meropenem	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20	
Methylene BLUE BOLUS	X	X	mg/kg	0.5	2		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		1	10	
Methylene BLUE DRIP	X	X	mg	150	450		--- mg / --- mL	X			05:00	07:00	06:00	mg/mL	0.5		3	
methylpred spin bol	X	X	mg/kg	27		33	--- mg / --- mL	X			00:10	00:25	00:15	mg/mL		12	90	

Intermittent Drugs - 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	
Methylpred spine inf	X	X	gram/kg	0.12	0.13		--- gram / --- mL	X		22:00	22:30	23:30	23:00	gram/mL		0.012	0.045	gram/kg = mg/kg/hour
methylPREDNISolone	X	X	mg	250	2,000		--- mg / --- mL	X		00:15		01:00		mg/mL		2.5	40	
metronIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcillin	X	X	gram	0.2	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04	
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		0.04	0.64	
Oritavancin	X	X	mg	700	1,250		800 mg / 1,000 mL (0.8 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				Dextrose only
							1,200 mg / 1,000 mL (1.2 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				
pamidronate	X	X	mg	29	90		90 mg / 250 mL (0.36 mg / mL)	X			02:00	06:00	04:00	n/a				Dedicated IV Line
							--- mg / --- mL	X			02:00	06:00	04:00	mg/mL		0.001	0.4	
Pantoprazole Load	X	X	mg	40	80		80 mg / 100 mL (0.8 mg / mL)	X			00:15	01:00	00:30	n/a				
pegloticase	X	X	mg	7.9	8.1		8 mg / 250 mL (0.032 mg / mL)	X		01:55		04:00	02:00	n/a				Hypersensitivity
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
PENTobarbital	X	X	mg/kg	2	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	8	Filter 0.22 Micron
peramivir	X	X	mg	100	600		600 mg / 100 mL (6 mg / mL)	X			00:10	01:00	00:15	n/a				
							--- mg / --- mL	X			00:10	01:00	00:15	mg/mL		1	6	
PHENobarbital	X	X	mg	30	1,000		--- mg / --- mL	X		00:10		00:30	00:15	No				
phenytoin Loading Dose	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron

Intermittent Drugs - 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	
phenytoin Maintenance Dose	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
							10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4	
piperacillin/tazo 30 minute infusion	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				
							3.37 gram / 50 mL (0.0674 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				
							--- gram / --- mL	X			00:25	01:00	00:30	No				
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.37 gram / 100 mL (0.0337 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	No				
potassium acetate Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium acetate Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		01:00		04:00		mEq/mL	0.05		0.2	
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
potassium PHOSphate Peripheral	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				

Intermittent Drugs - 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	
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
ranitidine	X	X	mg	25	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	00:15	n/a				
ravulizumab-cwvz Loading Dose	X		mg	2,350	3,050		2,400 mg / 480 mL (5 mg / mL)	X		02:00		04:00	02:00	n/a				Filter 0.22 Micron
							2,700 mg / 540 mL (5 mg / mL)	X		01:45		04:00	01:45	n/a				
							3,000 mg / 600 mL (5 mg / mL)	X		02:00		04:00	02:00	n/a				
ravulizumab-cwvz Maintenance Dose	X		mg	2,950	3,650		3,000 mg / 600 mL (5 mg / mL)	X		02:30		05:00	02:30	n/a				Filter 0.22 Micron
							3,300 mg / 660 mL (5 mg / mL)	X		02:00		05:00	02:00	n/a				
							3,600 mg / 720 mL (5 mg / mL)	X		02:15		05:00	02:15	n/a				
remdesivir	X	X	mg	95	250		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.95	3	
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
-saline flush	X	X	unit	1	10	20	10 unit / 10 mL (1 unit / mL)	X			00:01	00:05	00:01	n/a				Saline
Sinacalide	X	X	mcg/kg	0.018	0.22		--- mcg / --- mL	X		00:25	00:29	01:10	01:00	mcg/mL		0.02	0.6	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
sodium thiosulfate	X	X	gram	12.5	50		25 gram / 100 mL (0.25 gram / mL)	X			00:30	05:00		n/a				
							--- gram / --- mL	X			00:30	05:00		gram/mL		0.05	0.5	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
Thrombate III	X		unit	490	1,100		500 unit / 10 mL (50 unit / mL)		X	00:05		00:25	00:10	n/a				Dedicated IV Line
							--- unit / --- mL		X	00:09	00:25	01:00		unit/mL	48		54	
ticarcillin/clav	X	X	gram	2	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:25	01:00	00:30	n/a				
tigelicycline	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAMycin Dose <= 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAMycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	

Intermittent Drugs - 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		
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8		
Tranexamic Acid Cardiac Surgery	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25		
Tranexamic Acid MTP	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25		
Tranexamic Acid Ortho surgery	X	X	mg	500	3,000		1,000 mg / 10 mL (100 mg / mL)		X		00:05	00:20	00:10	n/a					
							1,000 mg / 110 mL (9.0909 mg / mL)	X		00:09	00:35	00:10	n/a						
							1,000 mg / 510 mL (1.9608 mg / mL)	X		04:00	13:00	05:00	n/a						
							--- mg / --- mL	X	X	00:15		01:00	00:20	mg/mL	1.5		100		
Tranexamic Acid Trauma/Neuro	X	X	mg	990		1,100	1,000 mg / 110 mL (9.0909 mg / mL)	X		00:08		00:20	00:10	n/a					
							1,000 mg / 510 mL (1.9608 mg / mL)	X		05:00	09:00		n/a						
							--- mg / --- mL	X		04:30	13:00		mg/mL	1.5		100			
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35		
VANCOMycin 1,000mg/200mg Wausau	X	X	mg	125	2,500		1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a					
VANCOMycin All Facilities	X	X	mg	125	2,600		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a					
							750 mg / 250 mL (3 mg / mL)	X		01:00	02:30	01:30	n/a						
							1,000 mg / 250 mL (4 mg / mL)	X		01:00	02:30	01:30	n/a						
							1,250 mg / 250 mL (5 mg / mL)	X		01:30	03:00	02:00	n/a						
							1,500 mg / 250 mL (6 mg / mL)	X		01:50	03:30	02:00	n/a						
							1,750 mg / 500 mL (3.5 mg / mL)	X		02:00	04:00	03:00	n/a						
							2,000 mg / 500 mL (4 mg / mL)	X		02:30	04:00	03:00	n/a						
							--- mg / --- mL	X		01:00	04:30		mg/mL		0.5	7			
Vedolizumab	X	X	mg	299	301		300 mg / 250 mL (1.2 mg / mL)	X			00:25	01:30	00:30	n/a					
VORIconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a					
							400 mg / 250 mL (1.6 mg / mL)	X		01:45	04:00	02:00	n/a						
							--- mg / --- mL	X		01:45	04:00		mg/mL	0.4		6			
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4		
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a					
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a					
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.04		

2.2.6 Fluids

Fluids - Critical Care							
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
.IVF + KCL 10 mEq/L	Yes	X		1	999		
.IVF + KCL 20 mEq/L	Yes	X		1	500		
.IVF + KCL 30 mEq/L	Yes	X		1	333	350	
.IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	250		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	999		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	999		Dedicated IV Line
Blood (whole)	No	X		15	375		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Ca Cl 100 mEq/Liter	Yes	X	X	30	85		
CaGLUC 100 mEq/Liter	Yes	X	X	30	85		
Dextrose 10%	Yes	X		1	250		
Epoprostenol Infusio	Yes	X		0.5	20	80	Filter and light
Heparin 2000 units	Yes	X		3	999		heparin flush bag
Hetastarch 6% NS	Yes	X		1	999		
Lipids 20%	No	X		8	42		
oxytocin POST PARTUM	Yes	X		10	333		
Sodium Chlor 3%	Yes	X		1		125	
Sodium Chloride 2%	Yes	X	X	1	75	100	
Sodium Citrate 4%	Yes	X	X	100	210		
TPN	No	X		15	175	250	
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.2.7 PCA Drugs

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL						
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	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
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	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Critical Care							
Drug Name Therapy	Concentrations: 1 mg / 1 mL (1 mg / mL)						
HYDROmorphine 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	0.1	1			Dosing Units mg	
Continuous Dose / h	n/a	0.2	4				
Bolus Dose	n/a	0.1	1		n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.1	1		n/a		
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	2	25				

PCA Drugs - Critical Care							
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)						
morphine							
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	0.1	4	8	1	Dosing Units mg	
Continuous Dose / h	n/a	0.5	6	10	1		
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.5	8	10	n/a		
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	2	50				

PCA Drugs - Critical Care							
Drug Name Therapy	Concentrations: 5 mg / 1 mL (5 mg / mL)						
morphine 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	0.2	4			Dosing Units mg	
Continuous Dose / h	n/a	0.5	30				
Bolus Dose	n/a	0.5	10		n/a	Max Accum. Includes Bolus?	
Loading Dose	n/a	0.5	10		n/a	Yes	
Lockout Interval (minutes)	5	8	30	n/a	10	Clinical Advisory Name	
Max Acc. Dose Range / 4 h	n/a	4	75			2nd RN to verify	

2.3 Education

2.3.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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 Weight under 80Kg --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.12	0.126	0.127	0.125									
abciximab Weight >= to 80kg 7.2 mg / 250 mL (0.0288 mg / mL)	X		n/a	Continuous mcg/min	9.5		10.5	10									
Adenosine (CATH LAB) 60 mg / 20 mL (3 mg / mL) 90 mg / 30 mL (3 mg / mL) 150 mg / 50 mL (3 mg / mL) --- mg / --- mL	X	X X X	NO	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	25	300		140	50	505		100	25		255	50	
alprostadil 10 mcg / 1 mL (10 mcg / mL)		X	n/a	Continuous mcg/kg/min	0.1	0.4	0.5										

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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	
alteplase MI 67KG or less --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	1.5	1.7	1.5	14	15	16	15	14	15		15	
alteplase MI greater than 67KG 100 mg / 100 mL (1 mg / mL)	X		n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	35	100	101	100	14	15	16	15	14	16		15	
alteplase Pulmonary Embolism 100 mg / 100 mL (1 mg / mL)	X		n/a	Continuous mg/h	49	51		50									
alteplase Stroke 100kg and up 90 mg / 90 mL (1 mg / mL)	X		n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	80	82		81	8.9	9.1		9	4	9.1		9	
alteplase Stroke less 100 kg --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.78	0.82		0.81	0.08	0.09		0.09	0.04	0.1		0.09	
alteplase Vascular Occlusions 25 mg / 125 mL (0.2 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	0.5	2	5										
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		n/a	Continuous gram/h	1	2	5	1									
AMINOPhyllineINFUSIO 1,000 mg / 1,000 mL (1 mg / mL)	X		n/a	Continuous mg/h	10	40	60										
AMIODArone 360 mg / 200 mL (1.8 mg / mL) 900 mg / 500 mL (1.8 mg / mL)	X X		n/a	Continuous mg/min	0.5	1	1.5										Filter 0.22 Micron
argatroban Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X X X		n/a	Continuous mcg/kg/min	0.45	10	10.1	1.5									2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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 Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X		n/a	Continuous mcg/kg/min	0.1	5	10.1	0.5									2nd RN to verify
atracurium 50 mg / 250 mL (0.2 mg / mL) 100 mg / 500 mL (0.2 mg / mL) 125 mg / 250 mL (0.5 mg / mL)	X		n/a	Continuous mcg/kg/min	1.8	30	39										Neuromuscular BA
bivalirudin Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Dialysis dosing 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.2	0.3		0.25	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.15	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	
bumetanide continuos 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X		n/a	Continuous mg/h	0.1	4	8										
cisATRacurium 200 mg / 200 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1	Neuromuscular BA
Clevidipine 25 mg / 50 mL (0.5 mg / mL)	X		n/a	Continuous mg/h	1	32	50										12 Hour Tubing
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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	
dexmedetomidine 400 mcg / 100 mL (4 mcg / mL) 1,000 mcg / 250 mL (4 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.05		1.5	0.2	0.5	2	2.1	1	0.03	0.04	0.067	0.033	
Dextrose - Heparin 50 unit / 1 mL (50 unit / mL)	X		n/a	Continuous unit/h	200	600	1,000										Impella advisory
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	5	5	20	25		4	5	12.6	5	
DOBUTamine Standard Dosing 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.5	15											
DOBUTamine Stress test 250 mg / 250 mL (1 mg / mL)	X		n/a	Continuous mcg/kg/min	2.5	40											Stress Test
DOPamine 400 mg / 250 mL (1.6 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	1	20	50										Central Line Only
EPINEPHrine 4 mg / 250 mL (0.016 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	0.2	0.5										Central Line Only
epitibatide Standard Dosing 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mcg/kg/min	0.5	2.2		2									CrCl > 50 mL/min
epitibatide Weight121kg & above 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mg/h	13	15.1		15									CrCl > 50 mL/min
epitibatide Renal Dose 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mcg/kg/min	0.25	1.1		1									CrCl < 50 mL/min
epitibatide Renal Dose wt >121kg 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mg/h	6	7.6		7.5									CrCl < 50 mL/min

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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	300		100	100	500			100	500			
fat emulsion 20% --- gram / --- mL		X	YES	Continuous gram/kg/day	0.5	3.5	5										1.2 micron filter
fenoldopam 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL)	X X		n/a	Continuous mcg/kg/min	0.01	0.1	0.4										
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
FUROSemide 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	1	80	160										
Gammagard 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Gamunex - C 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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 ACS therapy 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200		3,500		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin CRRT 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000	4,000	5,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin ECMO 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500			500	4,000	6,000		1,000		1,600	1,600	
heparin Impella 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000	4,000	5,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
heparin TBI 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	1,500	3,500										2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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 EP LAB 500 unit / 500 mL (1 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	10	999		30	10	999			0.5	16.5		16.5	NOTE CONCENTRATI ON
Insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X X X		YES	Continuous unit/h	0.1	25	75										Insulin advisory
Isoproterenol 1 mg / 250 mL (0.004 mg / mL)	X		n/a	Continuous mcg/min	0.5	10											
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X		YES	Continuous mcg/kg/min	0.1	0.25	0.5										
Labetalol 300 mg / 150 mL (2 mg / mL) 500 mg / 250 mL (2 mg / mL)	X X		n/a	Continuous mg/min	0.05	2.5		2									
Lidocaine Cardiac 2,000 mg / 500 mL (4 mg / mL)	X		n/a	Continuous mg/min	0.5	4	5										
LORazepam 40 mg / 120 mL (0.3333 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	10	25		1	10	10.1		1	5	5.1	5	Filter 0.22 Micron
Mag sulfate L&D 20 gram / 500 mL (0.04 gram / mL) 40 gram / 1,000 mL (0.04 gram / mL)	X X		n/a	Continuous gram/h Bolus Dose gram Bolus Admin Rate gram/min	0.5	6	8	2	2		6.1	4	0.06		0.1	0.067	2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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	
midazolam 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) --- mg / --- mL	X X X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	20			0.5	5			1	2		2	
milrinone 20 mg / 100 mL (0.2 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.25	0.75	0.8		25	50	55	50	1	5			
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X X X		YES	Continuous mg/h	0.064	3.9											
nesiritide 1.5 mg / 250 mL (0.006 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.005	0.01	0.3	0.01	0.5	2.1		2	0.5	2			
niCARDipine 20 mg / 200 mL (0.1 mg / mL) 25 mg / 250 mL (0.1 mg / mL)	X X		n/a	Continuous mg/h	0.5	15		2.5									Central preferred
nitroGLYcerin 25 mg / 250 mL (0.1 mg / mL) 50 mg / 250 mL (0.2 mg / mL)	X X		n/a	Continuous mcg/min	1	200											
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	0.01	10											Protect From Light

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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	
NOREpinephrine 4 mg / 250 mL (0.016 mg / mL) 8 mg / 250 mL (0.032 mg / mL) 16 mg / 250 mL (0.064 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mcg/kg/min	0.01	3											Central Line Only
Ocrelizumab First Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36									Filter 0.22 Micron
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36									Filter 0.22 Micron
Ocrelizumab Subsequent Doses 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48									Filter 0.22 Micron
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X X		YES	Continuous mcg/h	25	75		50									
oxytocin 30 unit / 500 mL (0.06 unit / mL)	X		n/a	Continuous milliunit/min	0.5	40	300										
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									
Pantoprazole Infusio 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									
PHENYLEphrine 40 mg / 250 mL (0.16 mg / mL) --- mg / --- mL	X X		YES	Continuous mcg/kg/min	0.02	9											Central Line Only
Privigen 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
procainamide 1,000 mg / 250 mL (4 mg / mL) 2,000 mg / 500 mL (4 mg / mL)	X X		n/a	Continuous mg/min	1	4	5										
propofol 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X X		n/a	Continuous mcg/kg/min	5	70	80										12 Hour Tubing

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
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	
ritUXimab ACU 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	25		410	50									Hypersensitivity
tirofiban 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.04		0.2	0.15	11		26	25	0.3		9	8.33	Tirofiban dosing
vasopressin 40 unit / 100 mL (0.4 unit / mL)	X		n/a	Continuous unit/min	0.01		0.11										Central Line Only
vecuronium 100 mg / 250 mL (0.4 mg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120			Neuromuscular BA
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

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

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
abciximab <i>weight under 80Kg</i> WeightBased	X		mcg/mL	0.01		0.03
alteplase <i>MI 67KG or less</i> WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase <i>Stroke less 100 kg</i> WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase <i>Vascular Occlusions</i> NonWeightBased	X		mg/mL	0.1		0.3
cisATRAcurium WeightBased	X		mcg/mL	998	1,000	1,001

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
CMV immunoglobulin WeightBased	X		mg/mL	49		51
dexmedetomidine WeightBased	X		mcg/mL	3.9		5
DOBUTamine Standard Dosing WeightBased	X		mcg/mL	1,000		4,000
DOPamine WeightBased	X		mcg/mL	800		3,200
EPINEPHrine WeightBased	X		mcg/mL	16		100
fat emulsion 20% WeightBased		X	gram/mL	0.19		0.21
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROSemide NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL	99		101
Gamunex - C 10% WeightBased	X		mg/mL	99		101
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
Ketamine Continuous WeightBased	X		mcg/mL	400	500	2,000
LORazepam NonWeightBased	X		mg/mL	0.3		0.6
midazolam NonWeightBased	X		mg/mL	0.2		1

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.006
NORepinephrine WeightBased	X		mcg/mL		16	64
octreotide NonWeightBased	X		mcg/mL	1		6
PHENYLEphrine WeightBased	X		mcg/mL	35		320
Privigen 10% WeightBased	X		mg/mL	99		101
ritUXimab ACU NonWeightBased	X		mg/mL	1.8		2.1
Zidovudine infusion WeightBased	X		mg/mL	1		4

2.3.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Education																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
atracurium 10 mg / 1 mL (10 mg / mL) 20 mg / 100 mL (0.2 mg / mL) 50 mg / 100 mL (0.5 mg / mL)		X	n/a	Continuous mcg/kg/min	1.8	30	39									
cisATRacurium 2 mg / 1 mL (2 mg / mL)	X	X	YES	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1

Continuous/Bolus - Anesthesia Only Drugs - Education																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
dantrolene ANESTHESIA --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	100	500			0.5	2.5	2.7	1	0.001	0.04		0.017
dantrolene ANESTHESIA 20 mg / 60 mL (0.3333 mg / mL)		X	n/a	Continuous mg/kg/h	0.15	0.3		0.25								
fentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X X		n/a	Continuous unit/h	0.1	25	75									
midazolam 1 mg / 1 mL (1 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	6			10	300			10	25		
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
protamine sulfate 10 mg / 1 mL (10 mg / mL)		X	n/a	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	0.1	5			5	50			1	5		
remifentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.125	1.5			0.25	1			0.25	1.5		

Continuous/Bolus - Anesthesia Only Drugs - Education																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
rocuronium 10 mg / 1 mL (10 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	1	20			10	1,200			10	1,200		
succinylcholine 20 mg / 1 mL (20 mg / mL)		X	n/a	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	1	4.3			0.1	1.2			0.3	2.8		2.4
SUFentanil 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.1	2			0.5	5			0.5	2.5		
vecuronium 1 mg / 1 mL (1 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120		

2.3.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
dantrolene ANESTHESI NonWeightBased	X		mg/mL		0.3	0.35

2.3.5 Intermittent Drugs

Intermittent Drugs - Education																		
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	
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Protein and filter

Intermittent Drugs - Education																		
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 <i>pt weight < 50kg</i>	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophe n doses
Acetaminophen <i>pt weight >= 50kg</i>	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine <i>First Dose</i>	X	X	gram/kg	0.14	0.16		--- gram / --- mL	X			00:30	02:00	01:00	gram/m L	0.021		0.047	Acetylcysteine bolus
acetylcysteine <i>Second Dose</i>	X	X	gram/kg	0.04	0.06		--- gram / --- mL	X			03:30	05:00	04:00	gram/m L	0.003		0.01	acetylcysteine 2nd
acetylcysteine <i>Third Dose</i>	X	X	gram/kg	0.09	0.11		--- gram / --- mL	X			13:20	18:00	16:00	gram/m L	0.003		0.01	acetylcysteine 3rd
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00	00:30	n/a				
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00	00:30	n/a				
albumin 5%	X	X	gram	6.25	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	01:00		n/a				
amikacin	X	X	mg/kg	4		16	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
Aminocaproic LOAD	X	X	gram	4	5		5 gram / 250 mL (0.02 gram / mL)	X			00:45	01:30	01:00	n/a				
							--- gram / --- mL	X			00:45	01:30	01:00	gram/m L		0.01	0.02	
AMIODArone Loading	X	X	mg	149	151		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							--- mg / --- mL	X			00:08	01:00		mg/mL		1	3	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	
amphotericin B <i>Standard Dosing</i>	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	Protect From Light
amphotericin B <i>Blasto load < 100 KG</i>	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	Protect From Light
amphotericin B <i>Blasto load >= 100KG</i>	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				Protect From Light
amphotericin B <i>Blasto Maintenance</i>	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	Protect From Light
ampicillin <i>pt weight < 40kg</i>	X	X	mg/kg	20	100	110	--- mg / --- mL	X	X	00:03	00:08	01:30	00:30	mg/mL		5	100	
ampicillin <i>pt weight >= 40kg</i>	X	X	gram	0.25	3		--- gram / --- mL	X	X	00:03	00:08	01:30	00:30	gram/m L		0.005	0.1	
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/m L	0.015		0.45	

Intermittent Drugs - Education

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	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 100 mL (0.02 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/m L	0.001		0.2			
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
Bumetanide in HSS	X	X	mg	2	10		4 mg / 150 mL (0.0267 mg / mL)	X		00:25		00:45	00:30	n/a				Not for continuous
8 mg / 150 mL (0.0533 mg / mL)							X		00:25		00:45	00:30	n/a					
--- mg / --- mL							X		00:25		00:45	00:30	mg/mL		0.012	0.08		
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X			00:08	02:00	01:00	n/a				Central Line Only
							--- mg / --- mL	X			00:08	02:00	01:00	mg/mL	10		100	
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200	
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 50 mL (0.04 gram / mL)							X		00:25	01:00	00:30	n/a						
3 gram / 100 mL (0.03 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/m L		0.01	0.04			
cefePIME	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 100 mL (0.02 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/m L		0.01	0.04			
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 50 mL (0.04 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/m L		0.01	0.04			
cefTAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 50 mL (0.04 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/m L		0.01	0.04			
cefTRIAXone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 50 mL (0.04 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/m L		0.01	0.04			
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
12.5 mg / 25 mL (0.5 mg / mL)							X		00:12		00:20	00:15	n/a					
25 mg / 25 mL (1 mg / mL)							X		00:25		00:35	00:30	n/a					
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
									400 mg / 200 mL (2 mg / mL)	X		00:50	02:00	01:00	n/a			

Intermittent Drugs - Education																		
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	
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
cytarabine INFUSION	X	X	mg/m2	80	220		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	3	
dantrolene	X	X	mg/kg	1	2.5		--- mg / --- mL	X			00:50	03:00	01:00	mg/mL		0.2	0.35	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
digoxin immune fab	X	X	mg	10	800		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.1	1	Filter 0.22 Micron
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X			00:45	04:00		mg/mL		0.1	1	
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
Estrogen, conjugated	X	X	mg	5	25		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:30	n/a				
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
fomepizole	X	X	mg/kg	9	16		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	20	
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
							500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				

Intermittent Drugs - Education																		
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	
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.5		7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gentamicin	X	X	mg	40	360		80 mg / 50 mL (1.6 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	0.5		10	
gentamicin	X		mg/kg	2		8	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
ibutilide pt weight < 60kg	X	X	mg/kg	0.009	0.011		--- mg / --- mL	X		00:04	00:05	00:30	00:10	mg/mL		0.001	0.02	
ibutilide pt weight >= 60kg	X	X	mg	0.85	1.25		1 mg / 50 mL (0.02 mg / mL)	X		00:04	00:05	00:30	00:10	n/a				
imipenem/cilastatin							250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
	X	X	mg	100	1,000		1,000 mg / 250 mL (4 mg / mL)	X			00:50	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00		mg/mL		2	5	
iron DEXTRAN Iron test dose	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN Maintenance Dose	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	
iron sucrose							100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
	X	X	mg	25	500		200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
ketamine Intermitent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X			00:10	00:30	00:15	No				
Lacosamide							50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
	X	X	mg	45		250	100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
levETIRAcetam							500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
	X	X	mg	250	1,500	3,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levoFLOxacIn							250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
	X	X	mg	250	750		500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
lidocaine pain ED wt 135 kg and up	X	X	mg	190	210		200 mg / 100 mL (2 mg / mL)	X		00:09		01:30	00:10	n/a				
lidocaine pain ED wt less 135 kg	X	X	mg/kg	0.5	5.2		--- mg / --- mL	X		00:09		01:30	00:10	No				
lidocaine pain Procedure Center	X	X	mg	0.5	5.2		--- mg / --- mL	X			00:30	01:30	01:00	No				
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
magnesium sulfate							1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
	X	X	gram	0.5	7	8	2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	01:00	n/a				

Intermittent Drugs - Education																		
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	
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	02:00	n/a				
							--- gram / --- mL	X			00:30	12:00		gram/mL		0.01	0.12	
mannitol 20%	X	X	gram	10	50		--- gram / --- mL	X		00:25		01:30	00:30	gram/mL		0.2	0.25	
meropenem	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2	4	
Methylene BLUE BOLUS	X	X	mg/kg	0.5	2		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		1	10	
Methylene BLUE DRIP	X	X	mg	150	450		--- mg / --- mL	X			05:00	07:00	06:00	mg/mL	0.5		3	
methylpred spin bol	X	X	mg/kg	27		33	--- mg / --- mL	X			00:10	00:25	00:15	mg/mL		12	90	
Methylpred spine inf	X	X	gram/kg	0.12	0.13		--- gram / --- mL	X		22:00	22:30	23:30	23:00	gram/mL		0.012	0.045	gram/kg = mg/kg/hour
methylPREDNISolone	X	X	mg	250	2,000		--- mg / --- mL	X		00:15		01:00	00:30	mg/mL		2.5	40	
metronIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
nafcillin	X	X	gram	0.2	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04	
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		0.04	0.64	
PACLitaxel 3 weeks	X	X	mg/m2	120	230		--- mg / --- mL	X			02:30	05:00	03:00	mg/mL		0.3	1.2	Non-PVC
PACLitaxel weekly	X	X	mg/m2	25	100		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.3	1.2	
pamidronate	X	X	mg	29	90		90 mg / 250 mL (0.36 mg / mL)	X			02:00	06:00	04:00	n/a				Dedicated IV Line
							--- mg / --- mL	X			02:00	06:00	04:00	mg/mL		0.001	0.4	
Pantoprazole Load	X	X	mg	40	80		80 mg / 100 mL (0.8 mg / mL)	X			00:15	01:00	00:30	n/a				
pegloticase	X	X	mg	7.9	8.1		8 mg / 250 mL (0.032 mg / mL)	X		01:55		04:00	02:00	n/a				Hypersensitivity

Intermittent Drugs - Education																		
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	
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
PENTobarbital	X	X	mg/kg	5	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	8	Filter 0.22 Micron
phenytoin Loading Dose	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phenytoin Maintenance Dose	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
							10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4	
piperacillin/tazo 30 minute infusion	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				
							3.37 gram / 50 mL (0.0674 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				
							--- gram / --- mL	X			00:25	01:00	00:30	No				
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							--- gram / --- mL	X			03:50	04:10	04:00	No				
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
potassium PHOSphate Peripheral	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
ranitidine	X	X	mg	25	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	00:15	n/a				
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				

Intermittent Drugs - Education																		
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	
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
Sinacalide	X	X	mcg/kg	0.018	0.22		--- mcg / --- mL	X		00:30	00:55	01:10	01:00	mcg/mL		0.02	0.6	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		09:00		mmol/m L		0.03	0.3	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
Thrombate III	X		unit	490	1,100		500 unit / 10 mL (50 unit / mL)		X	00:05		00:25	00:10	n/a				Dedicated IV Line
							--- unit / --- mL		X	00:09	00:25	01:00		unit/mL	48		54	
ticarcillin/clav	X	X	gram	2	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:25	01:00	00:30	n/a				
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAMycin Dose =< 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAMycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8	
Tranexamic Acid Cardiac Surgery	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25	
Tranexamic Acid MTP	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25	
Tranexamic Acid Ortho surgery	X	X	mg	500	3,000		1,000 mg / 10 mL (100 mg / mL)		X		00:05	00:20	00:10	n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X			00:09	00:35	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			04:00	13:00	05:00	n/a				
							--- mg / --- mL	X	X	00:15		01:00	00:20	mg/mL	1.5		100	
Tranexamic Acid Trauma/Neuro	X	X	mg	990		1,100	1,000 mg / 110 mL (9.0909 mg / mL)	X		00:08		00:20	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			05:00	09:00		n/a				
							--- mg / --- mL	X			04:30	13:00		mg/mL	1.5		100	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VORiconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a				
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6	

Intermittent Drugs - Education																		
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	
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.04	

2.3.6 Fluids

Fluids - Education							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
.IVF + KCL 10 mEq/L	Yes	X		1	999		
.IVF + KCL 20 mEq/L	Yes	X		1	500		
.IVF + KCL 30 mEq/L	Yes	X		1	333	350	
.IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	250		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	999		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	999		Dedicated IV Line
Blood (whole)	No	X		15	375		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Ca Cl 100 mEq/Liter	Yes	X	X	30	85		
CaGLUC 100 mEq/Liter	Yes	X	X	30	85		
Dextrose 10%	Yes	X		1	250		
Epoprostenol Infusio	Yes	X		0.5	20	80	Filter and light
Hetastarch 6% NS	Yes	X		1	999		
Lipids 20%	No	X		8	42		
oxytocin POST PARTUM	Yes	X		10	333		

Fluids - Education							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
Sodium Chlor 3%	Yes	X		1		125	
Sodium Chloride 2%	Yes	X	X	1	75	100	
Sodium Citrate 4%	Yes	X	X	100	210		
TPN	No	X		15	175	250	
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.3.7 PCA Drugs

PCA Drugs - Education						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
	fentaNYL					
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	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Education						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
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	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Education						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
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	0.1	4	8	1	Dosing Units mg
Continuous Dose / h	n/a	0.5	6	10	1	
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.5	8	10	n/a	
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	2	50			

2.4 L & D

2.4.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - L & D																	
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 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
heparin ACS therapy 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200		3,500		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X X X		YES	Continuous unit/h	0.1	25	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
mag sulfate L&D AIW 25 gram / 250 mL (0.1 gram / mL)	X		n/a	Continuous gram/h	0.5		4	1									

Continuous/Bolus - Non-Anesthesia Drugs - L & D																	
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	
mag sulfate L&D All Other Facilities 20 gram / 500 mL (0.04 gram / mL) 40 gram / 1,000 mL (0.04 gram / mL)	X		n/a	Continuous gram/h Bolus Dose gram Bolus Admin Rate gram/min	0.5		4	2	1		6.1	4	0.05		0.3	0.2	Magnesium
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											
oxytocin 30 unit / 500 mL (0.06 unit / mL)	X		n/a	Continuous milliunit/min	0.5	40	300										
Pantoprazole Infusio 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									
zz AMIOdarone 150 mg / 100 mL (1.5 mg / mL)	X		n/a	Continuous mg/min	10	15											Code only drugs
zz DOBUTamine 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	2.5	15											Code only drugs
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		n/a	Continuous mcg/kg/min	1	40	50										Code only drugs
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.5											Code only drugs
zz lidocaine 2 gram / 500 mL (0.004 gram / mL)	X		n/a	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	5			0.5	3		1.5	10	50			Code only drugs
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.1											Code only drugs

Continuous/Bolus - Non-Anesthesia Drugs - L & D																	
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	
zz PHENYLEphrine 40 mg / 250 mL (0.16 mg / mL)	X		n/a	Continuous mcg/kg/min	0.02	3	9.1										Code only drugs

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

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - L & D						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
naloxone NonWeightBased	X		mg/mL	0.001		0.006
Wilate NonWeightBased	X		unit/mL		90	120
Zidovudine infusion WeightBased	X		mg/mL	1		4
zz DOBUTamine WeightBased	X		mcg/mL	1,000		4,000

2.4.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - L & D																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50

Continuous/Bolus - Anesthesia Only Drugs - L & D																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
insulin <i>Anesthesia only</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X		n/a	Continuous unit/h	0.1	25	75									
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
remifentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.125	1.5			0.25	1			0.25	1.5		
SUFentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.1	2			0.5	5			0.5	2.5		

2.4.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.4.5 Intermittent Drugs

Intermittent Drugs - L & D																		
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 <i>pt weight < 50kg</i>	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophe n doses
Acetaminophen <i>pt weight >= 50kg</i>	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
amikacin	X	X	mg/kg	4		16	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
ampicillin	X	X	gram	0.2	3		0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - L & D																		
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 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1	
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.001		0.2	
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200	
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
cefePIME	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	

Intermittent Drugs - L & D																		
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	
cefTAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
Estrogen, conjugated	X	X	mg	5	25		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:30	n/a				
famotidine	X	X	mg	15		21	20 mg / 50 mL (0.4 mg / mL)	X		00:05		00:30	00:15	n/a				
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				

Intermittent Drugs - L & D																		
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	
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gentamicin Dose =< 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL	0.5		10	
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	
imipenem/cilastatin							250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a				
	X	X	mg	100	1,000		500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			00:50	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00		mg/mL		2	5	
iron DEXTRAN	X	X	mg	100	2,000		--- mg / --- mL	X		01:00	01:30	04:00		mg/mL		2	4	
iron sucrose							100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
	X	X	mg	25	500		200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levoFLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
meropenem	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20	
metronIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
nafticillin	X	X	gram	0.2	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				

Intermittent Drugs - L & D																		
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 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04	
Pantoprazole Load	X	X	mg	40	80		80 mg / 100 mL (0.8 mg / mL)	X			00:15	01:00	00:30	n/a				
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
phenytoin Loading Dose	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phenytoin Maintenance Dose	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
							10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4	
piperacillin/tazo 30 minute infusion	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				
							3.37 gram / 50 mL (0.0674 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				
							--- gram / --- mL	X			00:25	01:00	00:30	No				
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.37 gram / 100 mL (0.0337 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	No				
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	

Intermittent Drugs - L & D																		
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	
potassium PHOSphate Peripheral							14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
	X	X	mmol	10	30		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
ranitidine	X	X	mg	25	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	00:15	n/a				
rifampin							300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
	X	X	mg	100	600		300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
sodium phosphate							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
	X	X	mmol	10	60		--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
Thiamine							200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
	X	X	mg	25	501		300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
ticarcillin/clav	X	X	gram	2	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:25	01:00	00:30	n/a				
tigecycline							50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
	X	X	mg	25	100		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRamycin Dose <= 300 mg							80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
	X	X	mg	40	300		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRamycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOMycin 1,000mg/200mg Wausau	X	X	mg	125	2,500		1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin All Facilities							500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				
	X	X	mg	125	2,600		1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 250 mL (6 mg / mL)	X			01:50	03:30	02:00	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:00	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL		0.5	7	
VORiconazole							200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
	X	X	mg	50	600		400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a				

Intermittent Drugs - L & D																			
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		
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6		
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4		

2.4.6 Fluids

Fluids - L & D							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
.IVF + KCL 10 mEq/L	Yes	X		1	999		
.IVF + KCL 20 mEq/L	Yes	X		1	500		
.IVF + KCL 30 mEq/L	Yes	X		1	333	350	
.IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	250		
AmNIOinfusion	Yes	X	X	50	650		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	500		Dedicated IV Line
Blood (whole)	No	X		20	200		Dedicated IV Line
Dextrose 10%	Yes	X		1	250		

2.4.7 PCA Drugs

PCA Drugs - L & D						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL						
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	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - L & D						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
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	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - L & D						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
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	0.1	4	8	1	Dosing Units mg
Continuous Dose / h	n/a	0.5	6	10	1	
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.5	8	10	n/a	
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	2	50			

2.5 Med Surg

2.5.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
AMINOPhyllineINFUSIO 250 mg / 250 mL (1 mg / mL) 1,000 mg / 1,000 mL (1 mg / mL)	X		n/a	Continuous mg/h	10	40	60										
AMIODArone 360 mg / 200 mL (1.8 mg / mL) 900 mg / 500 mL (1.8 mg / mL)	X		n/a	Continuous mg/min	0.5	1	1.5										Filter 0.22 Micron
Aralast --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast rate
argatroban Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X		n/a	Continuous mcg/kg/min	0.45	10	10.1	1.5									2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X		n/a	Continuous mcg/kg/min	0.1	5	10.1	0.5									2nd RN to verify
bivalirudin Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.24	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	
bumetanide continuos 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X		n/a	Continuous mg/h	0.1	4	8										
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
DOPamine 400 mg / 250 mL (1.6 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	1	20	50										Central Line Only
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required

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	
FUROSemide AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
FUROSemide All Other Facilities 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
Gammagard 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Gamunex - C 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast rate
heparin ACS therapy 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200		3,500		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
HYDROmorphone 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.5	5											2nd RN to verify

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	
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600											Hypersensitivity
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.1	25	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h	25	75		50									
Pantoprazole Infusio 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									
Privigen 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4									Proteinase rate note
riTUXimab ACU 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	25		410	50									Hypersensitivity
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Proteinase rate note

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	
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									
zz AMIOdarone 150 mg / 100 mL (1.5 mg / mL)	X		n/a	Continuous mg/min	10	15											Code only drugs
zz DOBUTamine 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X X X		YES	Continuous mcg/kg/min	2.5	15											Code only drugs
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		n/a	Continuous mcg/kg/min	1	40	50										Code only drugs
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.5											Code only drugs
zz lidocaine 2 gram / 500 mL (0.004 gram / mL)	X		n/a	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	5			0.5	3		1.5	10	50			Code only drugs
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.1											Code only drugs
zz PHENYLEphrine 40 mg / 250 mL (0.16 mg / mL)	X		n/a	Continuous mcg/kg/min	0.02	3	9.1										Code only drugs

2.5.2 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
Aralast WeightBased	X		mg/mL	15		25
CMV immunoglobulin WeightBased	X		mg/mL	49		51
DOPamine WeightBased	X		mcg/mL	800		3,200

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
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROsemide AIR NonWeightBased	X		mg/mL		0.5	11
FUROsemide All Other Facilities NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL	99		101
Gamunex - C 10% WeightBased	X		mg/mL	99		101
Glassia WeightBased	X		mg/mL	15		25
HYDromorphone 1MG/ML NonWeightBased	X		mg/mL		0.8	1.2
inFLIXimab NonWeightBased	X		mg/mL		0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.006
octreotide NonWeightBased	X		mcg/mL	1		6
Privigen 10% WeightBased	X		mg/mL	99		101
Prolastin-C WeightBased	X		mg/mL	35		60

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
ritUXimab ACU NonWeightBased	X		mg/mL	1.3		2.1
Wilate NonWeightBased	X		unit/mL		90	120
Zemaira WeightBased	X		mg/mL	35		60
Zidovudine infusion WeightBased	X		mg/mL	1		4
zz DOBUTamine WeightBased	X		mcg/mL	1,000		4,000

2.5.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Med Surg																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X X		n/a	Continuous unit/h	0.1	25	75									
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
remifentanyl 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.125	1.5			0.25	1			0.25	1.5		

Continuous/Bolus - Anesthesia Only Drugs - Med Surg																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
rocuronium 10 mg / 1 mL (10 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	1	20			10	1,200			10	1,200		

2.5.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.5.5 Intermittent Drugs

Intermittent Drugs - Med Surg																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine First Dose	X	X	gram/kg	0.14	0.16		--- gram / --- mL	X			00:30	02:00	01:00	gram/mL	0.021		0.047	Acetylcysteine bolus
acetylcysteine Second Dose	X	X	gram/kg	0.04	0.06		--- gram / --- mL	X			03:30	05:00	04:00	gram/mL	0.003		0.01	acetylcysteine 2nd
acetylcysteine Third Dose	X	X	gram/kg	0.09	0.11		--- gram / --- mL	X			13:20	18:00	16:00	gram/mL	0.003		0.01	acetylcysteine 3rd
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL) 25 gram / 100 mL (0.25 gram / mL)	X			00:15	01:00	00:30	n/a				
albumin 5%	X	X	gram	12.5	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:10	01:00		n/a				
amikacin	X	X	mg/kg	4		16	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
AMIODarone Loading	X	X	mg	149	151		150 mg / 100 mL (1.5 mg / mL) --- mg / --- mL	X			00:08	00:15	00:10	n/a				
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	

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	
amphotericin B <i>Standard Dosing</i>	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	Protect From Light
amphotericin B <i>Blasto load < 100 KG</i>	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	Protect From Light
amphotericin B <i>Blasto load >= 100KG</i>	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				Protect From Light
amphotericin B <i>Blasto Maintenance</i>	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	Protect From Light
ampicillin	X	X	gram	0.2	3		0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1	
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.001		0.2	
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X			00:08	02:00	01:00	n/a				Central Line Only
							--- mg / --- mL	X			00:08	02:00	01:00	mg/mL	10		100	
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200	
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
cefePIME	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	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 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04		
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a					
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a					
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04		
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a					
							600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a					
							--- mg / --- mL	X		00:05		01:00	00:15	mg/mL		0.8	12		
cefTAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04		
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04		
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a					
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a					
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30		
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a					
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a					
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a					
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10		
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a					
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a					
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a					
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a					
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a					
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18		
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3		

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	
dantrolene	X	X	mg/kg	1	2.5		--- mg / --- mL	X			00:50	03:00	01:00	mg/mL		0.1	0.35	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dexaMETHasone	X	X	mg	4	24		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X			00:45	04:00		mg/mL		0.1	1	
ertapenem							1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
	X	X	gram	0.45	1.25		1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin							250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
	X	X	mg	100	1,000		500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
Estrogen, conjugated	X	X	mg	5	25		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:30	n/a				
famotidine	X	X	mg	15		21	20 mg / 50 mL (0.4 mg / mL)	X		00:05		00:30	00:15	n/a				
Ferric CARBOXymaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL	1.5		3.2	
ferric gluconate Na							125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
	X	X	mg	62.5	500		250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole							100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
	X	X	mg	50	800		200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
folic acid							1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
	X	X	mg	1		5	--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fosphenytoin							100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
	X	X	mg	25	2,000		--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
furosemide in HSS							250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
	X	X	mg	100	500	1,000	500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.5		7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	

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		
gentamicin Dose ≤ 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL) --- mg / --- mL	X		00:25		01:20	00:30	n/a					
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5			10	
Glycophos	X	X	mmol	1	16	20	--- mmol / --- mL	X			06:00	24:00	08:00	mmol/m L	0.004			0.1	Glycophos
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low protein binding	
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6			8	
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a					
							500 mg / 100 mL (5 mg / mL)	X		00:25	01:00	00:30	n/a						
							1,000 mg / 250 mL (4 mg / mL)	X		00:50	02:00	01:00	n/a						
							--- mg / --- mL	X		00:25	02:00		mg/mL		2	5			
iron DEXTRAN Iron test dose	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	Hypersensitivi ty	
iron DEXTRAN Maintenance Dose	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8		
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a					
							200 mg / 100 mL (2 mg / mL)	X		00:15	01:00	00:30	n/a						
							300 mg / 250 mL (1.2 mg / mL)	X		01:00	02:00	01:30	n/a						
							--- mg / --- mL	X		00:15	05:00		mg/mL		0.2	2.1			
ketamine Intermitent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL	0.05		1		
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a					
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a					
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5		
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a					
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a					
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15		
levoFLOxacinn	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a					
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a					
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a					
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a					
magnesium sulfate	X	X	gram	0.5	7	8	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	01:00	n/a					
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	02:00	n/a					
							--- gram / --- mL	X			00:30	12:00		gram/m L		0.01	0.12		
meropenem	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a					
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a					
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20		

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	
methylPREDNISolone	X	X	mg	250	2,000		--- mg / --- mL	X		00:15		01:00		mg/mL		2.5	40	
metronIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X		00:18	02:00	00:30	n/a					
							--- mg / --- mL	X		00:50	02:00	01:00	mg/mL		2	5		
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcillin	X	X	gram	0.2	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X		00:25	01:30	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X		00:25	01:30	01:00	n/a					
							--- gram / --- mL	X		00:25	01:30		gram/m L		0.01	0.04		
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		0.04	0.64	
Pantoprazole Load	X	X	mg	40	80		80 mg / 100 mL (0.8 mg / mL)	X			00:15	01:00	00:30	n/a				
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
peramivir	X	X	mg	100	600		600 mg / 100 mL (6 mg / mL)	X			00:10	01:00	00:15	n/a				
							--- mg / --- mL	X		00:10	01:00	00:15	mg/mL		1	6		
PHENobarbital	X	X	mg	30	1,000		--- mg / --- mL	X		00:10		00:30	00:15	No				
phenytoin <i>Loading Dose</i>	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phenytoin <i>Maintenance Dose</i>	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.22 Micron
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
							10 mg / 50 mL (0.2 mg / mL)	X		00:15	01:00	00:30	n/a					
							--- mg / --- mL	X		00:15	01:00	00:30	mg/mL		0.02	0.4		
piperacillin/tazo <i>30 minute infusion</i>	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					
							3.37 gram / 50 mL (0.0674 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					

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	
							4.5 gram / 100 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	No				
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.37 gram / 100 mL (0.0337 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	No				
potassium acetate Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium acetate Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		01:00		04:00		mEq/mL	0.05		0.2	
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
potassium PHOSphate Peripheral	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
ranitidine	X	X	mg	25	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	00:15	n/a				
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	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	
							--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
sodium thiosulfate	X	X	gram	12.5	50		25 gram / 100 mL (0.25 gram / mL)	X			00:30	05:00		n/a				
							--- gram / --- mL	X			00:30	05:00		gram/mL		0.05	0.5	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
ticarcillin/clav	X	X	gram	2	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:25	01:00	00:30	n/a				
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAMycin Dose =< 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAMycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tranexamic Acid Cardiac Surgery	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25	
Tranexamic Acid MTP	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25	
Tranexamic Acid Ortho surgery	X	X	mg	500	3,000		1,000 mg / 10 mL (100 mg / mL)		X		00:05	00:20	00:10	n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X			00:09	00:35	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			04:00	13:00	05:00	n/a				
							--- mg / --- mL	X	X	00:15		01:00	00:20	mg/mL	1.5		100	
Tranexamic Acid Trauma/Neuro	X	X	mg	990		1,100	1,000 mg / 110 mL (9.0909 mg / mL)	X		00:08		00:20	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			05:00	09:00		n/a				
							--- mg / --- mL	X			04:30	13:00		mg/mL	1.5		100	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOMycin 1,000mg/200mg Wausau	X	X	mg	125	2,500		1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin All Facilities	X	X	mg	125	2,600		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 250 mL (6 mg / mL)	X			01:50	03:30	02:00	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:00	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL		0.5	7	
VORIconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	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	
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6	
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.04	

2.5.6 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 IVF	Yes	X		1	999		
IVF + KCL 10 mEq/L	Yes	X		1	999		
IVF + KCL 20 mEq/L	Yes	X		1	500		
IVF + KCL 30 mEq/L	Yes	X		1	333	350	
IVF + KCL 40 mEq/L	Yes	X		1	250	275	
..Maint IVF+Additives	Yes	X		1	250		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		
Blood (PRBCs)	No	X		15	500		Dedicated IV Line
Blood (whole)	No	X		20	200		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Dextrose 10%	Yes	X		1	250		
Hetastarch 6% NS	Yes	X		1	999		
Lipids 20%	No	X		8	42		
Sodium Chlor 3%	Yes	X		1	75	125	
TPN	No	X		15	175	250	
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.5.7 PCA Drugs

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL						
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	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
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	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Med Surg									
Drug Name Therapy		Concentrations: 1 mg / 1 mL (1 mg / mL)							
HYDROmorphine 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	0.1	1			Dosing Units		
Continuous Dose / h		n/a	0.2	4			mg		
Bolus Dose		n/a	0.1	1		n/a	Max Accum. Includes Bolus?		
Loading Dose		n/a	0.1	1		n/a	Yes		
Lockout Interval (minutes)			6	15	n/a	10	Clinical Advisory Name		
Max Acc. Dose Range / 4 h		n/a	2	25			2nd RN to verify		

PCA Drugs - Med Surg							
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)						
morphine							
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	0.1	4	8	1	Dosing Units mg	
Continuous Dose / h	n/a	0.5	6	10	1		
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.5	8	10	n/a		
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	2	50				

PCA Drugs - Med Surg							
Drug Name Therapy	Concentrations: 5 mg / 1 mL (5 mg / mL)						
morphine 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	0.2	4			Dosing Units mg	
Continuous Dose / h	n/a	0.5	30				
Bolus Dose	n/a	0.5	10		n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.5	10		n/a		
Lockout Interval (minutes)	5	8	30	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	4	75				

2.6 NICU

2.6.1 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 10 mcg / 1 mL (10 mcg / mL)		X	n/a	Continuous mcg/kg/min	0.025	0.4	0.5	0.05									
DOBUTamine 1,000 mcg / 1 mL (1,000 mcg / mL) 2,000 mcg / 1 mL (2,000 mcg / mL)		X X	n/a	Continuous mcg/kg/min	2	25	30										
DOPamine 800 mcg / 1 mL (800 mcg / mL) 1,600 mcg / 1 mL (1,600 mcg / mL)		X X	n/a	Continuous mcg/kg/min	1	20	30										
EPINEPHrine 40 mcg / 1 mL (40 mcg / mL) 60 mcg / 1 mL (60 mcg / mL)		X X	n/a	Continuous mcg/kg/min	0.05	1	2.5										

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	
fat emulsion 20% --- gram / --- mL		X	YES	Continuous gram/kg/day	0.5	3.5	5										1.2 micron filter
fentaNYL 10 mcg/1 mL 50 mcg / 5 mL (10 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	9	11		0.25	3	4		0.08		0.3	0.1	
fentaNYL 2 mcg/1 mL 5 mcg / 2.5 mL (2 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	9	11		0.25	3	4		0.08		0.3	0.1	
glucagon 1,000 mcg / 10 mL (100 mcg / mL) --- mcg / --- mL		X X	YES	Continuous mcg/kg/h	8		33										
heparin 100 unit / 1 mL (100 unit / mL)		X	n/a	Continuous unit/kg/h	10	20	50										Heparin
immune glob (IVIG) 0.1 gram / 1 mL (0.1 gram / mL)		X	n/a	Continuous mg/kg/min	0.1	4	8	0.5									
insulin 0.1 unit / 1 mL (0.1 unit / mL)		X	n/a	Continuous unit/kg/h	0.01	0.2	0.4										2nd RN to verify
midazolam 0.1 mg / 1 mL (0.1 mg / mL)		X	n/a	Continuous mg/kg/h	0.01	0.06	0.07										
milrinone 0.2 mg / 1 mL (0.2 mg / mL)		X	n/a	Continuous mcg/kg/min	0.2	1	1.5										
nitroPRUSSide 200 mcg / 1 mL (200 mcg / mL)		X	n/a	Continuous mcg/kg/min	0.05	5	10										
octreotide --- mcg / --- mL		X	YES	Continuous mcg/kg/h	0.5		2										
UAC with heparin 1 unit / 1 mL (1 unit / mL) --- unit / --- mL	X X		YES	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	0.5	2			0.5	1.5		1	0.5	1.5		1	

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 400 mcg / 1 mL (400 mcg / mL)		X	n/a	Continuous mcg/kg/min	0.1	3											

2.6.2 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
fat emulsion 20% WeightBased		X	gram/mL	0.19		0.21
glucagon WeightBased		X	mcg/mL	99		101
octreotide WeightBased		X	mcg/mL	9		11
UAC with heparin NonWeightBased	X		unit/mL		0.5	1.5

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 - 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	10	16		--- mg / --- mL		X		00:10	00:30	00:15	mg/mL	9		11	
acyclovir	X		mg/kg	4		25	--- mg / --- mL		X		00:55	01:30	01:00	mg/mL	4.5		7.5	

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	
albumin 25%	X		gram/kg	0.4		1.7	12.5 gram / 50 mL (0.25 gram / mL)		X	00:15	00:30	03:00	02:00	n/a				
albumin 5%	X		gram/kg	0.4	1.7		--- gram / --- mL		X		00:15	01:00	00:20	gram/mL	0.4		0.55	
amikacin	X		mg/kg	4		12	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	9.9		10.1	
AMIODArone Loading	X		mg/kg	1		6	--- mg / --- mL		X	00:02		01:00	00:30	mg/mL		1	50	Central Line Only
ampho B (LIPOSOMAL)	X		mg/kg	3		8	--- mg / --- mL		X	01:30		03:00	02:00	mg/mL	1.9		2.1	
amphotericin B	X		mg/kg	0.7		1.5	--- mg / --- mL		X	01:45		06:00	02:00	mg/mL	0.09		0.11	
ampicillin	X		mg/kg	25		145	--- mg / --- mL		X	00:10		00:45	00:15	mg/mL	38		42	
ampicillin/sulbact	X		mg/kg	18		120	--- mg / --- mL		X		00:10	00:45	00:30	mg/mL	44		46	
azithromycin	X		mg/kg	5	12		--- mg / --- mL		X		00:50	01:30	01:00	mg/mL	1		3	
aztreonam	X		mg/kg	25		35	--- mg / --- mL		X		00:10	00:45	00:15	mg/mL	19		21	
bumetanide	X		mg/kg	0.005	0.05		--- mg / --- mL		X	00:05		02:00	00:10	mg/mL	0.124		0.126	
caffeine citrate Loading Dose	X		mg/kg	15	30		--- mg / --- mL		X		00:10	01:00	00:30	mg/mL	19		21	
caffeine citrate Maintenance Dose	X		mg/kg	4	15	20	--- mg / --- mL		X		00:10	01:30	00:30	mg/mL	19		21	
calcium gluconate	X		mg/kg	42		450	--- mg / --- mL		X	00:10	00:15	01:50	01:00	mg/mL	48		102	Calcium Precipitate
ceFAZolin	X		mg/kg	9	30		--- mg / --- mL		X		00:10	00:45	00:15	mg/mL	99		101	
cefePIME	X		mg/kg	20		60	--- mg / --- mL		X		00:10	00:45	00:30	mg/mL	19		21	
cefOXitin	X		mg/kg	20	52		--- mg / --- mL		X		00:10	00:45	00:30	mg/mL	39		41	
cefTAZidime	X		mg/kg	28	52		--- mg / --- mL		X		00:03	00:10	00:05	mg/mL	98		102	
cefTRIAxone	X		mg/kg	45		111	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	39		41	
CLINDAmycin	X		mg/kg	4		10	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	9		11	
DIGoxin Loading Dose	X		mcg/kg	5	15		--- mcg / --- mL		X	00:03		00:20	00:10	mcg/mL	9.5		21	
DIGoxin Maintenance Dose	X		mcg/kg	1	6		--- mcg / --- mL		X		00:05	01:00	00:10	mcg/mL	9.5		21	

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	
erythromycin	X		mg/kg	5		12	--- mg / --- mL		X	00:30	00:55	01:15	01:00	mg/mL	4.5		5.5	
fentanyl bolus 10 mcg/1 mL	X		mcg/kg	0.25		4.5	--- mcg / --- mL		X	00:03		00:30	00:10	mcg/mL	9		11	Fentanyl premixed sy
fentanyl bolus 100 mcg/2 mL Vial	X		mcg/kg	0.25		4.5	--- mcg / --- mL		X	00:03		01:00	00:10	mcg/mL	49		51	Fentanyl NICU vial
fentanyl bolus 2 mcg/1 mL	X		mcg/kg	0.25		4.5	--- mcg / --- mL		X	00:03		00:30	00:10	mcg/mL	1.8		2.2	Fentanyl premixed sy
fluCONazole	X		mg/kg	2		14	--- mg / --- mL		X	00:20		01:30	00:30	mg/mL	1.9		2.1	
fosphenytoin	X		mg/kg	2	11.5	29	--- mg / --- mL		X		00:05	01:00	00:15	mg/mL	9		11	
FUROsemide 1 mg/mL	X		mg/kg	0.3	2.5		--- mg / --- mL		X		00:05	01:00	00:30	mg/mL	0.9		1.1	
FUROsemide 10 mg/mL	X		mg/kg	0.3	2.5		--- mg / --- mL		X		00:05	01:00	00:30	mg/mL	9		11	
GANCiclovir	X		mg/kg	4		8	--- mg / --- mL		X	00:45		01:30	01:00	mg/mL	9.9		10.1	
gentamicin	X		mg/kg	2		8	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
hydroCORTisone	X		mg/kg	0.1	5		--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	0.9		1.1	
indomethacin	X		mg/kg	0.05	0.3		--- mg / --- mL		X	00:25	00:27	01:00	00:30	mg/mL	0.09		0.11	
levETIRAcetam	X		mg/kg	9	11	33	--- mg / --- mL		X		00:12	00:20	00:15	mg/mL	9		11	
levothyroxine NICU	X		mcg/kg	4.5	8.5		--- mcg / --- mL		X		00:02	00:05	00:02	mcg/mL		19	21	
meropenem	X		mg/kg	15		45	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	9		11	
metoCLOPramide	X		mg/kg	0.02	0.12	0.2	--- mg / --- mL		X		00:03	00:30	00:10	mg/mL	0.4		0.6	
metronIDAZOLE	X		mg/kg	6.5		18	--- mg / --- mL		X		00:55	01:05	01:00	mg/mL	4.9		5.1	
midazolam BOLUS 0.1 mg/mL	X		mg/kg	0.03		0.17	--- mg / --- mL		X	00:04		00:20	00:05	mg/mL	0.05		0.2	Midazolam 0.1 mg/mL
midazolam BOLUS 1 mg/mL	X		mg/kg	0.03		0.17	--- mg / --- mL		X	00:04		00:20	00:05	mg/mL	0.5		2	Midazolam 1 mg/mL
morphine bolus Morphine 0.1 mg/1 mL	X		mg/kg	0.04	2.5		--- mg / --- mL		X		00:05	00:15	00:10	mg/mL	0.09		0.11	Morphine premixed sy
morphine bolus Morphine 1 mg/mL amp	X		mg/kg	0.04		2.5	--- mg / --- mL		X	00:05		00:30	00:15	mg/mL	0.9		1.1	Morphine NICU AMP

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	
nafticillin	X		mg/kg	23		55	--- mg / --- mL		X		00:25	00:45	00:30	mg/mL	39		41	
Octreotide bolus	X		mcg/kg	1		10	--- mcg / --- mL		X	00:05		00:30	00:10	mcg/mL	9		11	
Penicillin G	X		unit/kg	25	140		--- unit / --- mL		X		00:10	45:00	00:30	unit/mL	49		51	Penicillin G NICU
PHENobarbital <i>Loading Dose</i>	X		mg/kg	15	22	42	--- mg / --- mL		X		00:10	00:30	00:15	mg/mL	5		30	
PHENobarbital <i>Maintenance Dose</i>	X		mg/kg	2	5	22	--- mg / --- mL		X		00:10	00:30	00:10	mg/mL	5		30	
piperacillin/tazo	X		mg/kg	48	120	150	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	43		47	
ranitidine	X		mg/kg	0.25	2		--- mg / --- mL		X		00:10	02:00	00:15	mg/mL	0.9		1.1	
rifampin	X		mg/kg	4	12.5	15	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	5		7	
sodium bicarbonate	X		mEq/kg	0.8	3		--- mEq / --- mL		X		00:15	03:00		mEq/mL	0.4		0.6	
TMP-SMX	X		mg/kg	2		12	--- mg / --- mL		X	00:45		01:30	01:00	mg/mL	0.5		1.1	
TOBRAMycin	X		mg/kg	2		7	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
VANCOMycin	X		mg/kg	9		22	--- mg / --- mL		X		00:55	02:00	01:00	mg/mL	4.5		5.5	
zidovudine	X		mg/kg	1	3.5	4	--- mg / --- mL		X	00:40	00:50	03:00	01:00	mg/mL	3.8		5.2	

2.6.6 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	
..Flush	Yes	X	X	0.1		100	
..Maintenance IVF <i>Less than 1 kg</i>	Yes	X	X	0.1	6	11	
..Maintenance IVF <i>1 - 1.99 kg</i>	Yes	X	X	0.1	12.5	20	
..Maintenance IVF <i>2 - 2.99 kg</i>	Yes	X	X	0.1	19	31	
..Maintenance IVF <i>3 - 4 kg</i>	Yes	X	X	0.1	25	42	

Fluids - NICU							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF <i>Greater than 4 kg</i>	Yes	X	X	0.1	50	83	
Blood (FFP)	No		X	2	20		
Blood (platelets)	Yes		X	2	20		
Blood (PRBCs)	No		X	2	20		
Dextrose 10% <i>Less than 1 kg</i>	Yes	X	X	0.1	6	11	
Dextrose 10% <i>1 - 1.99 kg</i>	Yes	X	X	0.1	12.5	20	
Dextrose 10% <i>2 - 2.99 kg</i>	Yes	X	X	0.1	19	31	
Dextrose 10% <i>3 - 4 kg</i>	Yes	X	X	0.1	25	42	
Dextrose 10% <i>Greater than 4 kg</i>	Yes	X	X	0.5	50	83	
Dextrose 12.5% IV <i>Less than 1 kg</i>	Yes	X	X	0.1	6	11	
Dextrose 12.5% IV <i>1 - 1.99 kg</i>	Yes	X	X	0.1	12.5	20	
Dextrose 12.5% IV <i>2 - 2.99 kg</i>	Yes	X	X	0.1	19	31	
Dextrose 12.5% IV <i>3 - 4 kg</i>	Yes	X	X	0.1	25	42	
Dextrose 12.5% IV <i>Greater than 4 kg</i>	Yes	X	X	0.1	50	83	
Dextrose 15% <i>Less than 1 kg</i>	No	X	X	0.1	6	11	
Dextrose 15% <i>1 - 1.99 kg</i>	No	X	X	0.1	12.5	20	
Dextrose 15% <i>2 - 2.99 kg</i>	No	X	X	0.1	19	31	
Dextrose 15% <i>3 - 4 kg</i>	No	X	X	0.1	25	42	
Dextrose 15% <i>Greater than 4 kg</i>	No	X	X	0.1	50	83	
TPN <i>Less than 1 kg</i>	No	X	X	0.1	6	8	
TPN <i>1 - 1.99 kg</i>	No	X	X	0.1	12.5	17	
TPN <i>2 - 2.99 kg</i>	No	X	X	0.1	19	25	
TPN <i>3 - 4 kg</i>	No	X	X	0.1	25	33	

Fluids - NICU							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
TPN Greater than 4 kg	No	X	X	0.1	50	67	
Vanilla bag Less than 1 kg	No	X	X	0.1	6	8	
Vanilla bag 1 - 1.99 kg	No	X	X	0.1	12.5	17	
Vanilla bag 2 - 2.99 kg	No	X	X	0.1	19	25	
Vanilla bag 3 - 4 kg	No	X	X	0.1	25	33	
Vanilla bag Greater than 4 kg	No	X	X	0.1	50	67	

2.6.7 PCA Drugs

No drugs exist in this section.

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	
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		n/a	Continuous gram/h	1	2	5	1									
AMINOPhyllineINFUSIO 250 mg / 250 mL (1 mg / mL) 1,000 mg / 1,000 mL (1 mg / mL)	X X		n/a	Continuous mg/h	10	40	60										
argatroban Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X X X		n/a	Continuous mcg/kg/min	0.45	10	10.1	1.5									2nd RN to verify
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X X		n/a	Continuous mcg/kg/min	0.1	5	10.1	0.5									2nd RN to verify

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	
bivalirudin .Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.24	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	
bumetanide continuos 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X X		n/a	Continuous mg/h	0.1	4	8										
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
daratumumab 90 min --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	11.5		13.5	12.8	3		3.4	3.2	0.09		0.12	0.106	Bolus
elotuzumab --- mg / --- mL	X		YES	Continuous mg/kg/min	0.017		0.21										Elotuzumab
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25	250	480	25									No filter required

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	
FUROSemide AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
FUROSemide All Other Facilities 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
Gammagard 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
Gamunex - C 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									No filter required
heparin ACS therapy 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200		3,500		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
HYDROmorphine 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.5	5											2nd RN to verify
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600											Hypersensitivity

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	
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL			YES	Continuous unit/h	0.1	25	75										Insulin advisory
	X																
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL			YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
	X																
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL			YES	Continuous mg/h	0.064	3.9											
	X																
Obinutuzumab 1,000 mg dose 1,000 mg / 250 mL (4 mg / mL)			n/a	Continuous mg/h	25	400		50									Saline only
	X																
Obinutuzumab 900 mg dose 900 mg / 250 mL (3.6 mg / mL)			n/a	Continuous mg/h	25	400		50									Saline only
	X																
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL			YES	Continuous mcg/h	25	75		50									
	X																
ofatumumab Initial Dose 300 mg / 1,000 mL (0.3 mg / mL)			n/a	Continuous mg/h	3.6		120										Hypersensitivity
	X																
ofatumumab Subsequent Doses 1,000 mg / 1,000 mL (1 mg / mL) 2,000 mg / 1,000 mL (2 mg / mL)			n/a	Continuous mg/h	25		800										Hypersensitivity
	X																
Pantoprazole Infusio 80 mg / 100 mL (0.8 mg / mL)			n/a	Continuous mg/h	7	9		8									
	X																
Privigen 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL			YES	Continuous mg/kg/h	25	250	480	25									No filter required
	X																
Wilate --- unit / --- mL			YES	Continuous unit/min	150	440		300									
	X																

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	
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									
zz AMIOdarone 150 mg / 100 mL (1.5 mg / mL)	X		n/a	Continuous mg/min	10	15											Code only drugs
zz DOBUTamine 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X X X		YES	Continuous mcg/kg/min	2.5	15											Code only drugs
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		n/a	Continuous mcg/kg/min	1	40											Code only drugs
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.5											Code only drugs
zz lidocaine 2 gram / 500 mL (0.004 gram / mL)	X		n/a	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	5			0.5	3		1.5	10	50			Code only drugs
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.1											Code only drugs
zz PHENYLEphrine 40 mg / 250 mL (0.16 mg / mL)	X		n/a	Continuous mcg/kg/min	0.02	3	9.1										Code only drugs

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
CMV immunoglobulin WeightBased	X		mg/mL	49		51
daratumumab 90 min WeightBased	X		mg/mL		1	6.4
elotuzumab WeightBased	X		mg/mL		1.6	4.9

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
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROsemide <i>AIR</i> NonWeightBased	X		mg/mL		0.5	11
FUROsemide <i>All Other Facilities</i> NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL	99		101
Gamunex - C 10% WeightBased	X		mg/mL	99		101
HYDROMorphone 1MG/ML NonWeightBased	X		mg/mL		0.8	1.2
inFLIXimab NonWeightBased	X		mg/mL		0.4	4
insulin <i>Non-anesthesia</i> NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.006
octreotide NonWeightBased	X		mcg/mL	1		6
Privigen 10% WeightBased	X		mg/mL	99		101
Wilate NonWeightBased	X		unit/mL		90	120
Zidovudine infusion WeightBased	X		mg/mL	1		4

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
zz DOBUTamine WeightBased	X		mcg/mL	1,000		4,000

2.7.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Oncology																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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 50 mcg / 1 mL (50 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X X		n/a	Continuous unit/h	0.1	25	75									

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	
Abraxane	X	X	mg/m2	80	260		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		5	5.1	
Acetaminophen <i>pt weight < 50kg</i>	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophe n doses
Acetaminophen <i>pt weight >= 50kg</i>	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine <i>First Dose</i>	X	X	gram/kg	0.14	0.16		--- gram / --- mL	X			00:30	02:00	01:00	gram/m L	0.021		0.047	Acetylcysteine bolus

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		
acetylcysteine Second Dose	X	X	gram/kg	0.04	0.06		--- gram / --- mL	X			03:30	05:00	04:00	gram/mL	0.003		0.01	acetylcysteine 2nd	
acetylcysteine Third Dose	X	X	gram/kg	0.09	0.11		--- gram / --- mL	X			13:20	18:00	16:00	gram/mL	0.003		0.01	acetylcysteine 3rd	
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7		
ADO-trastuzumab First Dose	X	X	mg/kg	2		4	--- mg / --- mL	X		01:20		02:00	01:30	mg/mL	0.4		1.75	Non-PVC	
ADO-trastuzumab Subsequent Doses	X	X	mg/kg	2		4	--- mg / --- mL	X		00:25		02:00	00:30	mg/mL	0.4		1.75	Non-PVC	
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00	00:30	n/a					
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00	00:30	n/a					
albumin 5%	X	X	gram	6.25	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	01:00		n/a					
alemtuzumab	X	X	mg	3	30		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.03	0.3	Protect From Light	
amifostine	X	X	mg/m2	200	910		--- mg / --- mL	X			00:03	00:30	00:05	mg/mL		1	50		
amikacin	X	X	mg/kg	4		16	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6		
Aminocaproic LOAD	X	X	gram	4	5		5 gram / 250 mL (0.02 gram / mL)	X			00:45	01:30	01:00	n/a					
							--- gram / --- mL	X			00:45	01:30	01:00	gram/mL		0.01	0.02		
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2		
amphotericin B Standard Dosing	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	Protect From Light	
amphotericin B Blasto load < 100 KG	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	Protect From Light	
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				Protect From Light	
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	Protect From Light	
ampicillin							0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1		
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a					
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a					
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a					
ampicillin/sulbactam	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	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	
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/m L	0.015		0.45	
arsenic trioxide	X	X	mg/kg	0.1	0.3		--- mg / --- mL	X			00:55	04:10	02:00	mg/mL		0.02	0.2	
asparaginase	X	X	unit/m2	23,000	27,000		--- unit / --- mL	X		00:30		02:00	01:00	unit/mL		150	600	Hypersensitivi ty
Atezolizumab First Dose	X	X	mg	830		1,201	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	01:00	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X		00:25		01:20	01:00	n/a				
Atezolizumab Subsequent Doses	X	X	mg	830		1,201	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	00:30	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X		00:25		01:20	00:30	n/a				
ATGAM-lymph horse Ig	X	X	mg	2	45		--- mg / --- mL	X		01:45	03:30	12:00		mg/mL		0.9	4	
azactidine	X	X	mg/m2	37	100		--- mg / --- mL	X		00:05		00:40	00:10	mg/mL		0.5	5	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
	X	X	gram	0.25	2		2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L	0.001		0.2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low protein binding
bendamustine HCl BendeKa	X	X	mg/m2	50	120		--- mg / --- mL	X			00:08	01:00	00:10	mg/mL		1	6	
bendamustine HCl Treanda	X	X	mg/m2	50	120		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	0.6	
Bevacizumab FIRST	X	X	mg/kg	5	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		1	25	
bevacizumab subseque 10 mg/kg doses	X	X	mg/kg	9	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque 15 mg/kg doses	X	X	mg/kg	14	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque 5 mg/kg doses	X	X	mg/kg	4.5		8	--- mg / --- mL	X			00:09	01:00	00:15	mg/mL		1	25	
bevacizumab subseque 7.5 mg/kg doses	X	X	mg/kg	7		8.5	--- mg / --- mL	X			00:12	01:00	00:15	mg/mL	1		25	
bleomycin	X	X	unit/m2	9	30		--- unit / --- mL	X		00:10		01:30	01:00	unit/mL		0.1	3	
blinatumomab	X		mcg	9	28		9 mcg / 240 mL (0.0375 mcg / mL)	X		21:00	22:00	24:00	24:00	n/a				No flush

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	
							28 mcg / 240 mL (0.1167 mcg / mL)	X		21:00	22:00	24:00	24:00	n/a				
brentuximab	X	X	mg/kg	1	2		--- mg / --- mL	X			00:25	00:45	00:30	mg/mL		0.4	1.8	
Cabazitaxel	X	X	mg/m2	20		30	--- mg / --- mL	X		00:45		01:45	01:00	mg/mL	0.1		0.25	Non-PVC
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X			00:08	02:00	01:00	n/a				Central Line Only
calcium gluconate	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	02:00	01:00	mg/mL	10		100	
							1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200	
CARBOplatin	X	X	mg	100	900		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL		0.6	3.6	
carfilzomib	X	X	mg/m2	15	73		--- mg / --- mL	X			00:10	00:45	00:30	mg/mL		0.2	2	
carmustine	X	X	mg/m2	65	210		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.1	0.3	
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
cefePIME	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04	
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/m L		0.01	0.04	
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a				
							600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a				
							--- mg / --- mL	X		00:05		01:00	00:15	mg/mL		0.8	12	
ceftAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	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	
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAXone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAXone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cetuximab Loading Dose	X	X	mg/m2	350	450		--- mg / --- mL	X		01:45		04:00	02:00	mg/mL		1.5	3	Filter 0.22 Micron
cetuximab Maintenance Dose	X	X	mg/m2	200	400		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.5	3	Filter 0.22 Micron
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
CISplatin	X	X	mg/m2	18	105		--- mg / --- mL	X			00:30	06:00	01:00	mg/mL		0.04	0.5	
cixutumumab	X	X	mg/kg	9	11		--- mg / --- mL	X		00:50		02:30	01:00	mg/mL		1.9	6	Filter 0.22 Micron
cladribine 120 minute infusion	X	X	mg/kg	0.1	0.19		--- mg / --- mL	X			02:00	02:30	02:00	mg/mL	0.007		0.24	
cladribine 24 hour Infusion	X	X	mg/kg	0.08	0.1		--- mg / --- mL	X		21:00	23:00	25:00	24:00	mg/mL		0.01	0.056	
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
clofarabine	X	X	mg/m2	10	42		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.15	0.4	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
copanlisib	X	X	mg	30	60		30 mg / 100 mL (0.3 mg / mL)	X			01:00	02:00	01:00	n/a				copanlisib
							45 mg / 100 mL (0.45 mg / mL)	X			01:00	02:00	01:00	n/a				
							60 mg / 100 mL (0.6 mg / mL)	X			01:00	02:00	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	
							--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.25	0.6	
cycloPHOSPHAmide	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:15		01:30	00:20	mg/mL		1	20	
cytarabine INFUSION	X	X	mg/m2	80	220		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	3	cytarabine INFUSION
cytarabine IVPB	X	X	mg/m2	900	3,300		--- mg / --- mL	X			01:45	04:00	02:00	mg/mL		0.9	7	cytarabine IVPB
dacarbazine	X	X	mg/m2	150	1,000		--- mg / --- mL	X			00:20	02:30	00:30	mg/mL		0.5	10	Protect From Light
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
Daratumumab First Dose	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30	04:00	21:00	20:00	mg/mL		0.5	2	Filter 0.22 Micron
Daratumumab Second Dose	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30		12:00	10:00	mg/mL		0.5	4	Filter 0.22 Micron
Daratumumab Subsequent Doses	X	X	mg/kg	14	17		--- mg / --- mL	X		01:30		06:00		mg/mL		1.6	4	Filter 0.22 Micron
Decitabine	X	X	mg/m2	8	20		--- mg / --- mL	X		00:50		03:20		mg/mL		0.05	0.2	
deFERoxamine	X	X	mg	450	5,000	6,000	500 mg / 5.3 mL (94.3396 mg / mL)		X		03:00	05:00	04:00	n/a				
							--- mg / --- mL	X	X	01:30		24:01		mg/mL	0.7		12	
denileukin	X	X	mcg/kg	9	18		--- mcg / --- mL	X			00:30	01:30	01:00	mcg/mL	15		30	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dexaMETHasone	X	X	mg	4	24		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
dexRAZOXane < 2 m2 CrCl < 40 mL/min	X	X	mg/m2	250	500		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4	
dexRAZOXane < 2 m2 CrCl >= 40 mL/min	X	X	mg/m2	500	1,000		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4	
dexRAZOXane >= 2 m2 CrCl < 40 mL/min	X	X	mg	250	1,000		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4	
dexRAZOXane >= 2 m2 CrCl >= 40 mL/min	X	X	mg	500	2,000		--- mg / --- mL	X			01:00	03:00	02:00	mg/mL		1	4	
diphenhydrAMINE	X	X	mg	12.5	50		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	1	
DOCEtaxel	X	X	mg/m2	35	100		--- mg / --- mL	X			00:45	03:00	01:00	mg/mL		0.3	0.74	DEHP
dolasetron	X	X	mg	12.5	100		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	2	
DOXOrubicin INFUSION	X	X	mg/m2	8	50		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.03	0.2	Vesicant

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	
DOXOrubicin, liposo	X	X	mg/m2	20	50		--- mg / --- mL	X			00:30	02:00		mg/mL		0.12	0.44	Dextrose only
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X		00:45	04:00		mg/mL		0.1	1		
durvalumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	15	Filter 0.22 Micron
Eculizumab	X	X	mg	300		1,201	300 mg / 60 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							600 mg / 120 mL (5 mg / mL)	X		00:30	02:00	00:35	n/a					
							900 mg / 180 mL (5 mg / mL)	X		00:30	02:00	00:35	n/a					
							1,200 mg / 240 mL (5 mg / mL)	X		00:30	02:00	00:35	n/a					
EPOCH	X	X	mg/m2	50	125		--- mg / --- mL	X			22:00	25:00	24:00	mg/mL		0.01	0.25	EPOCH
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X		00:25	02:00	00:30	n/a					
							--- gram / --- mL	X		00:25	02:00	00:30	gram/m L		0.01	0.02		
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X		00:30	02:00	01:30	n/a					
							--- mg / --- mL	X		00:30	02:00	01:30	mg/mL		1	5		
etoposide	X	X	mg/m2	35	200		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		0.1	0.4	Etoposide IVPB
Etoposide CONT INFUS	X	X	mg/m2	80	110		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL	0.1		0.4	Etoposide continuous
famotidine	X	X	mg	15		21	20 mg / 50 mL (0.4 mg / mL)	X		00:05		00:30	00:15	n/a				
Ferric CARBOXymaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X		00:12	01:00	00:20	mg/mL	1.5		3.2		
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X		01:00	03:00		mg/mL		1	5		
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X		00:30	04:00	01:00	n/a					
							400 mg / 200 mL (2 mg / mL)	X		00:30	04:00	02:00	n/a					
							--- mg / --- mL	X		00:30	04:00		mg/mL		1	2		
fluDARAbine	X	X	mg/m2	10	30		--- mg / --- mL	X			00:15	01:15	00:30	mg/mL		0.2	1	
fluoroURACIL	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:05		24:00	00:10	mg/mL		0.1	50	

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	
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL) --- mg / --- mL	X			00:30	01:00	00:30	n/a		0.02	0.1	
fosaprepitant_EMEND	X	X	mg	115	150		150 mg / 250 mL (0.6 mg / mL)	X		00:16		00:40	00:20	n/a				
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL) --- mg / --- mL	X			00:10	00:30	00:20	n/a		1.5	25	
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL) 500 mg / 150 mL (3.3333 mg / mL) --- mg / --- mL	X		00:25		00:45	00:30	n/a				
GANciclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gemCITabine	X	X	mg/m2	500	1,500		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	40	
gentamicin Dose =< 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL) --- mg / --- mL	X		00:25		01:20	00:30	n/a				
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Glycophos	X	X	mmol	1	16	20	--- mmol / --- mL	X			06:00	24:00	08:00	mmol/m L	0.004		0.1	Glycophos
granisetron	X	X	mg	0.1	1.1		1 mg / 50 mL (0.02 mg / mL) --- mg / --- mL	X			00:10	00:30	00:15	n/a				
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	
IFOSfamide	X	X	mg/m2	500	5,000		--- mg / --- mL	X		00:30		24:00		mg/mL		0.6	20	
IFOSfamide-MESNA	X	X	mg/m2	500	5,500		--- mg / --- mL	X		00:30		25:00	24:00	mg/mL		2	29	
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL) 500 mg / 100 mL (5 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X			00:25	01:00	00:30	n/a				
interferon alpha-2b	X	X	unit/m2	10	22		--- unit / --- mL	X		00:15		60:00	00:20	unit/mL		0.2	0.6	1unit=1million
IPILIMumab	X	X	mg/kg	2.8	3.2		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		1	2	Filter 0.22 Micron
IRINotecan 30 minute infusion	X	X	mg/m2	40	200		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.12	0.5	
IRINotecan 60 minute infusion	X	X	mg/m2	60	350		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.12	2.8	
IRINotecan 90 minute infusion	X	X	mg/m2	60	350		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL		0.12	2.8	
IRINotecan liposomal	X	X	mg/m2	45	80		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL	0.12		2.8	

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	
iron DEXTRAN <i>Iron test dose</i>	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN <i>Maintenance Dose</i>	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	Hypersensitivity
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
							200 mg / 100 mL (2 mg / mL)	X		00:15	01:00	00:30	n/a					
							300 mg / 250 mL (1.2 mg / mL)	X		01:00	02:00	01:30	n/a					
							--- mg / --- mL	X		00:15	05:00		mg/mL		0.2	2.1		
ixabepilone	X	X	mg/m2	15	40		--- mg / --- mL	X		02:40		03:20	03:00	mg/mL		0.2	0.6	DHEP and Lactate
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
leucovorin <i>120 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X			01:55	03:00	02:00	mg/mL		0.03	20	
leucovorin <i>15 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X		00:10		00:30	00:15	mg/mL		0.03	20	
leucovorin <i>30 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.03	20	
leucovorin <i>60 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X			00:55	02:00	01:00	mg/mL		0.03	20	
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levoFLOxacinn	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
levoLEUCOvorin	X	X	mg/m2	10	500		--- mg / --- mL	X			00:15	03:00	02:00	mg/mL		0.5	4.5	
levoLEUCOvorin	X	X	mg	5	500		--- mg / --- mL	X		00:30	00:45	02:00	01:00	mg/mL	0.5		5	
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
magnesium sulfate	X	X	gram	0.5	7	8	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	01:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	02:00	n/a				
							--- gram / --- mL	X			00:30	12:00		gram/m L		0.01	0.12	
Mannitol IVPB	X	X	gram	12		28	12.5 gram / 100 mL (0.125 gram / mL)	X			00:06	00:15	00:07	n/a				
							25 gram / 140 mL (0.1786 gram / mL)	X			00:09	00:20	00:10	n/a				
							--- gram / --- mL	X			00:06	00:30		No				
meropenem	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20	

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	
MESNA BOLUS	X	X	mg/m2	200	600		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		4	30	
MESNA INFUSION	X	X	mg/m2	600	2,500		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		3	11	
methoTREXATE Standard Dosing	X	X	mg/m2	20	50		--- mg / --- mL	X			00:15	12:00		mg/mL		0.1	25	
methoTREXATE High Dose - GRAMS	X	X	gram/m2	1	12		--- gram / --- mL	X			01:00	25:00		gram/m L		0.01	0.25	
methylPREDNISolone	X	X	mg	250	2,000		--- mg / --- mL	X		00:15		01:00	00:30	mg/mL		2.5	40	
metronIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
micalfungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
mitoMYcin	X	X	mg/m2	10	20		--- mg / --- mL	X			00:15	00:30	00:20	mg/mL		0.4	2	Vesicant
mitoXANtrone	X	X	mg/m2	10	15		--- mg / --- mL	X			00:20	00:45	00:30	mg/mL		0.2	0.4	Vesicant
mogamulizumab	X		mg/kg	0.8	1.2		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.1	3	Filter/hyperse nsitiv
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcilin	X	X	gram	0.2	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/m L		0.01	0.04	
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				
Nelarabine	X	X	mg/m2	1,400	1,650		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL	4.9		5.1	
Nivolumab	X	X	mg	239		481	240 mg / 100 mL (2.4 mg / mL)	X			00:25	01:50	00:30	n/a				
							480 mg / 100 mL (4.8 mg / mL)	X			00:25	01:50	00:30	n/a				
Nivolumab	X	X	mg/kg	0.8		3.3	--- mg / --- mL	X			00:25	01:50	00:30	mg/mL	0.65		10	
Obinutuzumab-100 mg	X	X	mg	99	101		100 mg / 100 mL (1 mg / mL)	X			03:30	04:30	04:00	n/a				Saline only
Olaratumab	X	X	mg/kg	10	17		--- mg / --- mL	X			00:50	02:30	01:00	mg/mL		2.4	7.5	Saline only
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:15	mg/mL		0.04	0.64	
Ondansetron ARCC	X	X	mg	2	32		16 mg / 90 mL (0.1778 mg / mL)	X			00:10	01:00	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	
Oritavancin	X	X	mg	700	1,250		800 mg / 1,000 mL (0.8 mg / mL) 1,200 mg / 1,000 mL (1.2 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				Dextrose only
OXALiPlatin	X	X	mg/m2	75	135		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.15	1.5	Oxaliplatin
PACLiTaxel 1 hour infusion	X	X	mg/m2	25	100		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.3	1.2	Paclitaxel
PACLiTaxel 3 hour infusion	X	X	mg/m2	120	230		--- mg / --- mL	X			02:30	05:00	03:00	mg/mL		0.3	1.2	Paclitaxel
Palonosetron	X	X	mg	0.2	0.25		0.25 mg / 50 mL (0.005 mg / mL)	X			00:10	00:30	00:15	n/a				
pamidronate	X	X	mg	29	90		30 mg / 250 mL (0.12 mg / mL)	X		00:50	00:55	06:00	01:00	n/a				Dedicated IV Line
60 mg / 250 mL (0.24 mg / mL)							X		00:55	01:45	06:00	02:00	n/a					
90 mg / 250 mL (0.36 mg / mL)							X			02:00	06:00	04:00	n/a					
--- mg / --- mL							X			02:00	06:00	04:00	mg/mL		0.001	0.4		
panitumumab First Dose	X	X	mg/kg	3	9		200 mg / 100 mL (2 mg / mL)	X			00:25	01:30	00:30	n/a				filter low protein
--- mg / --- mL							X			00:50	01:30	01:00	mg/mL		5	10		
panitumumab Subsequent Doses	X	X	mg/kg	3	9		200 mg / 100 mL (2 mg / mL)	X			00:20	01:30	00:30	n/a				filter low protein
--- mg / --- mL							X			00:20	01:30	00:30	mg/mL		5	10		
Pantoprazole Load	X	X	mg	40	80		80 mg / 100 mL (0.8 mg / mL)	X			00:15	01:00	00:30	n/a				
pegaspargase	X	X	unit/m2	2,250	2,750		--- unit / --- mL	X		00:50		02:30	01:00	unit/mL	30		63	
Pembrolizumab	X	X	mg	180		220	200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.22 Micron
Pembrolizumab	X	X	mg/kg	1.75	2.25		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	1		10	Filter 0.22 Micron
PEMEtrexed	X	X	mg/m2	375	500		--- mg / --- mL	X		00:08		00:15	00:10	mg/mL		3	13	
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
pentoSTATIN	X	X	mg/m2	4	6		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.02	0.06	
Pertuzumab	X	X	mg	419		841	420 mg / 264 mL (1.5909 mg / mL)	X			00:20	01:30	00:30	n/a				Pertuzumab
840 mg / 278 mL (3.0216 mg / mL)							X			00:50	01:30	01:00	n/a					
PHENobarbital	X	X	mg	30	1,000		--- mg / --- mL	X		00:10		00:30	00:15	No				
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
10 mg / 50 mL (0.2 mg / mL)							X			00:15	01:00	00:30	n/a					
--- mg / --- mL							X			00:15	01:00	00:30	mg/mL		0.02	0.4		
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				

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	
30 minute infusion							2.25 gram / 50 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.37 gram / 50 mL (0.0674 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				
							--- gram / --- mL	X			00:25	01:00	00:30	No				
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.37 gram / 100 mL (0.0337 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	No				
potassium acetate Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium acetate Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		01:00		04:00		mEq/mL	0.05		0.2	
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
potassium PHOSphate Peripheral	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
prochlorperazine	X	X	mg	5	10		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.1	0.2	
Ramucirumab	X	X	mg/kg	7	11		--- mg / --- mL	X		00:50		03:00	01:00	mg/mL	1.5		4	Filter 0.22 Micron
ranitidine	X	X	mg	25	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	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	
rasburicase	X	X	mg	1.5		14.2	3 mg / 50 mL (0.06 mg / mL)	X		00:25		00:45	00:30	n/a				Saline only
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.025		0.285	
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X		00:25	03:00		n/a					
							600 mg / 500 mL (1.2 mg / mL)	X		00:50	03:00		n/a					
							--- mg / --- mL	X		00:25	03:00		mg/mL		0.1	6.5		
ritUXimab	X	X	mg/m2	60	500		--- mg / --- mL	X			01:00	25:00		mg/mL		0.4	4	Hypersensitivity
romiDEPsin	X	X	mg/m2	4.5	14.5		--- mg / --- mL	X			04:00	08:00	04:00	mg/mL		0.01	0.07	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
sodium thiosulfate	X	X	gram	12.5	50		25 gram / 100 mL (0.25 gram / mL)	X			00:30	05:00		n/a				
							--- gram / --- mL	X			00:30	05:00		gram/mL		0.05	0.5	
STREPTOzocin	X	X	mg/m2	400		1,500	--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.8	6	Vesicant
temSIROLimus	X	X	mg	15	25		--- mg / --- mL	X		00:25		01:15	00:30	mg/mL		0.099	0.1	Non-PVC
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
ticarcillin/clav	X	X	gram	2	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:25	01:00	00:30	n/a				
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAmycin Dose <= 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAmycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
topoTECAN	X	X	mg/m2	0.4	4.2		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.004		0.1	
Trabectedin	X	X	mg/m2	0.8		1.8	--- mg / --- mL	X		22:00		26:00	24:00	mg/mL	0.001		0.007	Vesicant and filter
trastuzumab Loading Dose	X	X	mg/kg	4	8.5		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.4	5	
trastuzumab Subsequent Doses	X	X	mg/kg	1.9	6.5		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		0.4	5	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	

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		
VANCOMycin 1,000mg/200mg Wausau	X	X	mg	125	2,500		1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a					
VANCOMycin All Facilities	X	X	mg	125	2,600		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a					
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a					
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a					
							1,500 mg / 250 mL (6 mg / mL)	X			01:50	03:30	02:00	n/a					
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:00	04:00	03:00	n/a					
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a					
							--- mg / --- mL	X			01:00	04:30		mg/mL		0.5	7		
Vedolizumab	X	X	mg	299	301		300 mg / 250 mL (1.2 mg / mL)	X			00:25	01:30	00:30	n/a					
vinBLASTine	X	X	mg/m2	2	10		--- mg / --- mL	X		00:03		00:12	00:05	mg/mL	0.156		0.62	Vesicant	
vinCRiStine 24 hour Infusion	X	X	mg/m2	0.2	0.5	0.55	--- mg / --- mL	X		22:00		25:00	24:00	mg/mL	0.002		0.009	Vesicant	
vinCRiStine IVPB < 10 minutes	X	X	mg	0.5	3		--- mg / --- mL	X		00:03		00:12	00:10	mg/mL	0.02		0.125	Vesicant	
vinORELbine	X	X	mg/m2	15	30		--- mg / --- mL	X		00:05		00:11	00:10	mg/mL	0.6		2.4	Vesicant	
VORIconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a					
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a					
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6		
Vyxeos	X	X	mg/m2	20	50		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.05	0.25		
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4		
Ziv-aflibercept	X	X	mg/kg	3.5	4.5		--- mg / --- mL	X		00:45		01:15	01:00	mg/mL	0.6		8	Non-PVC	
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a					
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a					
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.05		

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 IVF	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	
IVF + KCL 10 mEq/L	Yes	X		1	999		
IVF + KCL 20 mEq/L	Yes	X		1	500		
IVF + KCL 30 mEq/L	Yes	X		1	333	350	
IVF + KCL 40 mEq/L	Yes	X		1	250	275	
Maint IVF+Additives	Yes	X		1	250		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	500		Dedicated IV Line
Blood (whole)	No	X		20	200		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Dextrose 10%	Yes	X		1	250		
Lipids 20%	No	X		8	42		
Sodium Chlor 3%	Yes	X		1		125	
TPN	No	X		15	175	250	
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.7.7 PCA Drugs

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL						
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	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
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	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Oncology							
Drug Name Therapy	Concentrations: 1 mg / 1 mL (1 mg / mL)						
HYDROmorphine 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	0.1	1			Dosing Units mg	
Continuous Dose / h	n/a	0.2	4				
Bolus Dose	n/a	0.1	1		n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.1	1		n/a		
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	2	25				

PCA Drugs - Oncology							
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)						
morphine							
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	0.1	4	8	1	Dosing Units mg	
Continuous Dose / h	n/a	0.5	6	10	1		
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.5	8	10	n/a		
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	2	50				

PCA Drugs - Oncology							
Drug Name Therapy	Concentrations: 5 mg / 1 mL (5 mg / mL)						
morphine 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	0.2	4			Dosing Units mg	
Continuous Dose / h	n/a	0.5	30				
Bolus Dose	n/a	0.5	10		n/a	Max Accum. Includes Bolus? Yes	
Loading Dose	n/a	0.5	10		n/a		
Lockout Interval (minutes)	5	8	30	n/a	10	Clinical Advisory Name 2nd RN to verify	
Max Acc. Dose Range / 4 h	n/a	4	75				

2.8 Pediatrics

2.8.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Pediatrics																	
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 25,000 unit / 250 mL (100 unit / mL)	X		n/a	Continuous unit/h	200	2,500	3,500										2nd RN to verify
insulin <i>Non-anesthesia</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X X X		YES	Continuous unit/h	0.1	25	75										Insulin advisory
IVIG 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X X X		YES	Continuous mg/kg/h	25	250	480	25									

Continuous/Bolus - Non-Anesthesia Drugs - Pediatrics																	
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	25	150	200										12 Hour Tubing
500 mg / 50 mL (10 mg / mL)	X																
1,000 mg / 100 mL (10 mg / mL)	X																

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

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Pediatrics						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
IVIG 10% WeightBased	X		mg/mL	99		101

2.8.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Pediatrics																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	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
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)			n/a	Continuous unit/h	0.1	25	75									
	X															
	X															

2.8.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.8.5 Intermittent Drugs

Intermittent Drugs - Pediatrics																		
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 pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaminophen pt weight < 40kg	X	X	mg/kg	4	6		--- mg / --- mL	X			00:10	01:00		mg/mL	95		105	
acetaminophen pt weight >= 40kg	X	X	mg	150	250	330	--- mg / --- mL	X			00:10	01:00		mg/mL	95		105	
acetylcysteine	X	X	mg/kg	40	160		--- mg / --- mL	X	X	00:10	00:50	17:00		mg/mL		1	45	
acyclovir	X	X	mg/kg	4	25		--- mg / --- mL	X		00:40	00:50	03:00	01:00	mg/mL	2		7	
albumin 25% pt weight < 40kg	X	X	gram/kg	0.75	1.5	2	--- gram / --- mL	X	X	00:40	00:50	06:00		gram/mL		0.24	0.26	
albumin 25% pt weight >= 40kg	X	X	gram	12.5	50		12.5 gram / 50 mL (0.25 gram / mL)	X	X	00:40	00:50	06:00		n/a				
							25 gram / 100 mL (0.25 gram / mL)	X	X	00:40	00:50	06:00		n/a				
							--- gram / --- mL	X	X	00:40	00:50	06:00		gram/mL		0.24	0.26	
albumin 5%	X	X	gram/kg	0.1	1.7		--- gram / --- mL	X	X		00:50	06:00		gram/mL		0.04	0.06	
amikacin	X	X	mg/kg	4	22	35	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	11	
AMINOphylline	X	X	mg/kg	0.6	9		--- mg / --- mL	X		00:02	00:10	01:30	00:30	mg/mL		4.5	5.5	
amphotericin B (LIPOSOMAL)	X	X	mg/kg	2.6	11.5		--- mg / --- mL	X		00:40	00:50	05:00	02:00	mg/mL		1.5	2.5	
ampicillin pt weight < 40kg	X	X	mg/kg	20	100	110	--- mg / --- mL	X	X	00:03	00:08	01:30	00:30	mg/mL		5	100	
ampicillin pt weight >= 40kg	X	X	gram	0.25	3		--- gram / --- mL	X	X	00:03	00:08	01:30	00:30	gram/mL		0.005	0.1	
ampicillin/sulbactam pt weight < 40kg	X	X	mg/kg	40	67.75	70	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		25	35	
ampicillin/sulbactam pt weight >= 40kg	X	X	gram	0.25	3		1.5 gram / 50 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.005	0.06	
azithromycin pt weight < 50kg	X	X	mg/kg	5	12		--- mg / --- mL	X		01:00	01:30	03:00	02:00	mg/mL		0.9	2.2	
azithromycin pt weight >= 50kg	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
							--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.5	2.5	
aztreonam pt weight < 60kg	X	X	mg/kg	25	35	37	--- mg / --- mL	X	X	00:10	00:15	02:00	00:30	mg/mL		5	30	

Intermittent Drugs - Pediatrics																		
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	
aztreonam pt weight >= 60kg	X	X	gram	0.4	2		1 gram / 50 mL (0.02 gram / mL)	X		00:10	00:15	02:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X		00:10	00:15	02:00	00:30	n/a				
							--- gram / --- mL	X		00:10	00:15	02:00	00:30	gram/mL		0.01	0.04	
caffeine citrate	X	X	mg/kg	3	41		--- mg / --- mL	X	X	00:03	00:08	02:00		mg/mL		5	22	
calcium gluconate pt weight < 40kg	X	X	mg	100	500	1,000	--- mg / --- mL	X		00:15		01:30	01:00	mg/mL		4	20	
calcium gluconate pt weight >= 40kg	X	X	mg	500	2,000	3,000	--- mg / --- mL	X	X	00:15		06:00	01:00	mg/mL		10	51	
caspoFUNGIN pt weight < 60kg	X	X	mg/kg	1	2		--- mg / --- mL	X	X	00:40	00:50	03:00		mg/mL		0.05	0.55	
caspoFUNGIN pt weight >= 60kg	X	X	mg	50	90		--- mg / --- mL	X	X	00:40	00:50	03:00		mg/mL		0.05	0.55	
ceFAZolin pt weight < 60kg	X	X	mg/kg	9	33		--- mg / --- mL	X	X		00:20	01:00	00:30	mg/mL		10	30	
ceFAZolin pt weight >= 60kg	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:20	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:20	01:00	00:30	n/a				
							--- gram / --- mL	X			00:20	01:00	00:30	gram/mL		0.005	0.04	
cefePIME pt weight < 40kg	X	X	mg/kg	38	52.5	60	--- mg / --- mL	X	X		00:20	02:00	00:30	mg/mL		10	100	
cefePIME pt weight >= 40kg	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:20	02:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:20	02:00	00:30	n/a				
							--- gram / --- mL	X			00:20	02:00	00:30	gram/mL		0.005	0.1	
cefOXitin pt weight < 50kg	X	X	gram/kg	0.025	0.042	0.05	--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04	
cefOXitin pt weight >= 50kg	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:30	00:30	n/a				
							--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04	
ceftAZidime pt weight < 40kg	X	X	gram/kg	0.025	0.052	0.055	--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.005	0.04	
ceftAZidime pt weight >= 40kg	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone pt weight < 40kg	X	X	mg/kg	10		111	--- mg / --- mL	X	X		00:20	01:30	00:30	mg/mL		30	50	
cefTRIAxone pt weight >= 40kg	X	X	mg	250	2,000		1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:30	00:30	n/a				
							2,000 mg / 50 mL (40 mg / mL)	X			00:25	01:30	00:30	n/a				
							--- mg / --- mL	X	X		00:25	01:30	00:30	mg/mL		10	40	
cidofovir	X	X	mg/kg	0.85	5.5		--- mg / --- mL	X	X	00:20	00:40	03:00		mg/mL		0.03	8.5	Fluid Bolus

Intermittent Drugs - Pediatrics																		
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	
CIPROfloxacin pt weight < 30kg	X	X	mg/kg	5	13.8	15	--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		1	3	
CIPROfloxacin pt weight >= 30kg	X	X	mg	200		400	200 mg / 100 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
							--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.5	2	
CLINDAmycin pt weight < 60kg	X	X	mg/kg	5	10	14	--- mg / --- mL	X	X	00:15		01:00	00:30	mg/mL		3	19	
CLINDAmycin pt weight >= 60kg	X	X	mg	300	900	1,200	300 mg / 50 mL (6 mg / mL)	X		00:15		01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X		00:15		01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X		00:15		01:00	00:30	n/a				
							--- mg / --- mL	X		00:15		01:00	00:30	mg/mL		3	19	
desmopressin	X	X	mcg	0.01	4		--- mcg / --- mL	X	X	00:05	00:10	01:00		mcg/mL		0.001	0.55	
desmopressin	X	X	mcg/kg	0.001	0.35	0.5	--- mcg / --- mL	X		00:05	00:10	01:00		mcg/mL		0.001	0.55	
ertapenem pt age <= 13 years	X	X	mg/kg	10	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25	
ertapenem pt age >= 13 years	X	X	gram	0.5	1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
fluCONazole pt weight < 60kg	X	X	mg/kg	3	12		--- mg / --- mL	X		00:55		03:00		mg/mL	1.9		2.1	
fluCONazole pt weight >= 60kg	X	X	mg	100	800		100 mg / 50 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			01:30	03:00	02:00	n/a				
							--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		1	3	
fomepizole	X	X	mg/kg	8	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		3	15	
fosphenytoin	X	X	mg	25	1,500		100 mg / 50 mL (2 mg / mL)	X		00:05	00:08	00:30	00:20	n/a				
							--- mg / --- mL	X		00:05	00:08	00:30	00:20	mg/mL		5	30	
fosphenytoin	X	X	mg/kg	2	11.5	29	--- mg / --- mL	X	X	00:05	00:08	01:00	00:30	mg/mL		5	30	
GANCiclovir	X	X	mg/kg	0.5	8		--- mg / --- mL	X		00:40	00:50	03:00	01:00	mg/mL		5	10	
gentamicin	X	X	mg	40	360		80 mg / 50 mL (1.6 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	0.5		10	
gentamicin	X		mg/kg	2		8	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
imipenem/cilastatin pt weight < 40kg	X	X	mg/kg	5	25		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25	
imipenem/cilastatin pt weight >= 40kg	X	X	mg	500	1,000		500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			00:45	01:30	01:00	n/a				

Intermittent Drugs - Pediatrics																		
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	
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25	
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
levETIRAcetam	X	X	mg	250	1,500	3,000	--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levETIRAcetam	X		mg/kg	9	11	33	--- mg / --- mL		X		00:12	00:20	00:15	mg/mL	9		11	
levoFLOXacin pt weight < 50kg	X	X	mg/kg	4	10		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		2.5	6	
levoFLOXacin pt weight >= 50kg	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X		00:45		02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X		00:45		02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X		00:45		02:00	01:00	n/a				
linezolid pt weight < 60kg	X	X	mg/kg	4	11		--- mg / --- mL	X	X	00:45		02:00	01:00	mg/mL		1	3	
linezolid pt weight >= 60kg	X	X	mg	400	600		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
							--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		1	3	
meropenem pt weight < 50kg	X	X	mg/kg	6.8	44		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		5	55	
meropenem pt weight >= 50kg	X	X	mg	500	2,000		500 mg / 50 mL (10 mg / mL)	X			00:25	02:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	02:00	00:30	n/a				
							--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		5	55	
methylPREDNISolone	X	X	mg/kg	2	30		--- mg / --- mL	X			00:50	05:00		mg/mL		3	130	
metoCLOPramide	X	X	mg	5	10		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.1	0.2	
metoCLOPramide	X	X	mg/kg	0.07	3		--- mg / --- mL	X			00:03	00:30	00:15	mg/mL		1	6	
metronIDAZOLE	X	X	mg/kg	7	16		--- mg / --- mL	X	X		00:15	03:00	00:30	mg/mL		4	6	
micafungin pt weight < 40kg	X	X	mg/kg	0.85	4.5		--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		0.4	1.7	
micafungin pt weight >= 40kg	X	X	mg	40	150		--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		0.4	1.7	
nafcillin pt weight < 40kg	X	X	mg/kg	20	52		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		10	40	
nafcillin pt weight >= 40kg	X	X	gram	0.2	2		1 gram / 50 mL (0.02 gram / mL)	X			00:30	02:00	01:00	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:30	02:00	01:00	n/a				
							--- gram / --- mL	X			00:30	02:00	01:00	gram/mL		0.01	0.04	
ondansetron	X	X	mg/kg	0.1	0.5		--- mg / --- mL	X	X		00:10	01:00	00:30	mg/mL		0.001	4.2	
PHENobarbital	X	X	mg/kg	0.5	7.5		--- mg / --- mL	X	X	00:05	00:08	02:00		mg/mL		60	135	High Risk

Intermittent Drugs - Pediatrics																		
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	
piperacillin/tazobactam pt weight < 30kg	X	X	gram/kg	0.03	0.115		--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.02	0.085	
piperacillin/tazobactam pt weight >= 30kg	X	X	gram	2	3.4		3.37 gram / 50 mL (0.0674 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.02	0.085	
ranitidine	X	X	mg	15	105		50 mg / 50 mL (1 mg / mL)	X			00:10	01:00	00:15	n/a				
							--- mg / --- mL	X			00:10	01:00	00:15	mg/mL		0.2	2	
ranitidine	X		mg/kg	0.5	2.5	4	--- mg / --- mL		X	00:10		01:00	00:15	mg/mL	0.9		1.1	
rifampin pt weight < 60kg	X	X	mg/kg	4.3	23		--- mg / --- mL	X	X	00:20	00:25	03:00		mg/mL		2	7	
rifampin pt weight >= 60kg	X	X	mg	300	600		--- mg / --- mL	X	X	00:20	00:25	03:00		mg/mL		2	7	
SMX/TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:40		02:00	01:00	mg/mL		0.04	1	
ticarcillin/clavulanic acid pt weight < 60kg	X	X	mg/kg	30	65		--- mg / --- mL	X	X	00:08	00:20	02:00	00:30	mg/mL		20	105	
ticarcillin/clavulanic acid pt weight >= 60kg	X	X	gram	1.5	3.1		3.1 gram / 100 mL (0.031 gram / mL)	X			00:20	02:00	00:30	n/a				
							--- gram / --- mL	X			00:20	01:00	00:30	gram/mL		0.02	0.105	
TOBRAMycin	X	X	mg	40	360		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	0.5		10	
TOBRAMycin	X		mg/kg	2		8	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
valproate sodium	X	X	mg/kg	2.5	20	25	--- mg / --- mL	X		00:40	00:50	02:00	01:00	mg/mL		5	25	
VANCOMycin	X	X	mg/kg	5	25		--- mg / --- mL	X	X		00:30	03:30		mg/mL		0.2	5	
VORiconazole	X	X	mg/kg	2.6	6.9		--- mg / --- mL	X	X		00:50	02:10		mg/mL		0.4	5.5	
zidovudine	X	X	mg/kg	0.8	2.3		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		2	4	

2.8.6 Fluids

Fluids - Pediatrics							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X	X	0.1	500		
..IVF + KCL 10 mEq/L	Yes	X	X	0.1	200		
..IVF + KCL 20 mEq/L	Yes	X	X	0.1	200		

Fluids - Pediatrics							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
IVF + KCL 30 mEq/L	Yes	X	X	0.1	200	350	
IVF + KCL 40 mEq/L	Yes	X	X	0.1	200	275	
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X	X	0.1	50		
Blood (platelets)	Yes	X	X	5	300		Dedicated IV Line
Blood (PRBCs)	No	X	X	0.1	50		
Blood (whole)	No	X		5	200		Dedicated IV Line
Dextrose 10%	Yes	X	X	1	50		
Lipids 20%	No	X	X	0.1	42		
TPN	No	X		15	100	150	
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.8.7 PCA Drugs

No drugs exist in this section.

3. Configuration Settings

3.1 PC Unit

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Alarm Audio Profile	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
Default Audio Volume	3	5	5	5	5	3	5	5
Anesthesia Mode	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Battery Meter Display	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Color Display	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Key Click Audio	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Limit Checking	Always	Always	Always	Always	Always	Always	Always	Always
Max Patient BSA (m ²)	3	3	3	3	3	3	3	3
Max Patient Weight (kg)	500	500	500	500	500	9	500	58
Patient ID Entry	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Preventive Maintenance Reminder	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Tamper Resistant	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Authorized User Mode	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled

3.2 Pump Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Accumulated Air-In-Line	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Air-In-Line (microliter)	75	250	250	250	250	50	75	75
Auto-Restart Attempts	0	3	3	3	3	0	0	3
KVO Rate Adjust (mL/h)	1	5	5	5	5	1	1	5
Max Occlusion Pressure (mmHg)	425	525	525	525	525	525	425	525
Default Pressure (mmHg)	425	525	525	525	525	525	425	525
Maximum Rate (mL/h)	999	999	999	999	999	200	999	999
Maximum VTBI (mL)	3,100	3,100	3,100	3,100	3,100	499	3,100	2,050
Pressure Mode Lock Status	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked
Pressure Mode Selection	Pump	Pump	Pump	Pump	Pump	Pump	Pump	Pump
Secondary Infusion	Enabled	Enabled	Enabled	Enabled	Enabled	Disabled	Enabled	Enabled
SEC-PRI Audio Alert	Disabled	Disabled	Disabled	Disabled	Disabled	n/a	Disabled	Disabled

3.3 Syringe Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
All Mode	Enabled	Enabled	Enabled	Enabled	Enabled	Disabled	Enabled	Enabled
Auto Occlusion Pressure	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Back-Off After Occlusion	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Fast-Start	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
KVO Option	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
KVO Volume Adjust (%)	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
Alert Time (Continuous, Fluids, Basic) (minutes)	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
Alert Time (Intermittent) (minutes)	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	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
Priming	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled

3.4 Shared Infusion Settings (Pump and Syringe)

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Delay Start Options	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Delay Start Callback	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter
Drug Calculation	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Drug Calculation Bolus Dose	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Multidose	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Multidose Callback	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pressure Dynamic Display	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Volume/Duration	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled

3.5 PCA Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Bolus Delivery Rate (mL/h)	150	150	150	150	150	150	150	150
Dose Request Cord (Profile)	1	1	1	1	1	2	1	2
Max Dose Limit	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Max Dose Limit Time Window (h)	4	4	4	4	4	1	4	1
Module Location Enforcement	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Near End of Infusion	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Near End Of Infusion Alert Time (%)	5	5	5	5	5	5	5	5
Pressure Limit	High	High	High	High	High	High	High	High
Priming	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Security Access Level	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

3.6 Shared Infusion Settings (PCA and Syringe)

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Maximum Rate (mL/h)	999	999	999	999	999	200	999	999
NEOI Snooze	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

3.7 SpO₂ Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
SpO ₂ Module Type	Both	Both	Both	Both	Both	Both	Both	Both
Pulse Beep Volume	1	1	1	1	1	1	1	1
SatSeconds Limits:	25	25	25	25	25	25	25	25
Sat. Averaging Time (Seconds)	8	8	8	8	8	8	8	8
Alarm Limit Type	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult
%SpO ₂ High Enable	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
%SpO ₂ High	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%SpO ₂ Low	90	90	90	90	90	90	90	90
Pulse Rate High (beats/min)	120	120	120	120	120	120	120	120
Pulse Rate Low (beats/min)	50	50	50	50	50	50	50	50

3.8 EtCO₂ Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Alarm Limit Type	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult
EtCO ₂ High (mmHg)	60	60	60	60	60	60	60	60
EtCO ₂ Low (mmHg)	10	10	10	10	10	10	10	10
Respiratory Rate High (bpm)	35	35	35	35	35	35	35	35
Respiratory Rate Low (bpm)	6	6	6	6	6	6	6	6
No Breath Alarm (Seconds)	30	30	30	30	30	30	30	30
FiCO ₂ High (mmHg)	8	8	8	8	8	8	8	8
Waveform Time Scale (Seconds)	5	5	5	5	5	10	5	10

3.9 PCA Pause Protocol

3.9.1 PCA Pause Protocol Settings

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	Oncology
Settings						
PCA Pause Protocol Enabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Available for	n/a	n/a	n/a	n/a	n/a	n/a
Monitoring Module Attachment	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!						

3.9.2 PCA Pause Protocol (SpO₂) Settings

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	Oncology
Settings						
%SpO ₂ Low Limit	n/a	n/a	n/a	n/a	n/a	n/a
Initial Value (%)	n/a	n/a	n/a	n/a	n/a	n/a

3.9.3 PCA Pause Protocol (EtCO₂) Settings

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	Oncology
Settings						
Resp. Rate Lower Limit (bpm)	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

4. Channel Labels

Channel labels are not used

Appendices

Appendix A Syringe Favorites List

Syringe Favorites	
SyringeType	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 50 and 60 mL	X
AstraZeneca 50 mL	X
IVAC 50 mL	X

Appendix B PCA Syringe Favorites List

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

Appendix C Clinical Advisories List

Clinical Advisories	
Advisory Name	Clinical Advisory Text
1.2 micron filter	Use 1.2 micron filter
12 Hour Tubing	Tubing must be changed every 12 hours
1unit=1million	1 unit = 1 million units
2nd RN to verify	2 RNs to verify and document concentration and programming prior to infusion.
Acetaminophen doses	Acetaminophen doses dispensed that are less than 1,000 mg are to be dispensed as exact doses for infusion.
acetylcysteine 2nd	Maximum dose for 4 hour infusion is 5 grams.
acetylcysteine 3rd	Maximum dose for 16 hour infusion is 10 grams.
Acetylcysteine bolus	Maximum dose for bolus dose is 15 grams.
Aralast rate	4 mg/kg/min equals a rate of 0.2 mL/kg/minute.
Bolus	The first 30 min of this infusion are given under the bolus feature. Be sure to select bolus before starting the infusion.
Calcium Precipitate	Do not infuse Calcium and Phosphate though the same line.
Central Line Only	Run through a CENTRAL line only.
Central preferred	Central line administration preferred. When administration via peripheral site change site every 12 hours. Do not mix with other agents in IV line.
Code only drugs	This selection is reserved for use during Code Blue, ACLS events. DO NOT USE for routine infusions!
copanlisib	Do not administer with other drugs. Only compatible with 0.9% sodium chloride.
CrCl < 50 mL/min	Maximum dose in patients with CrCl less than 50 mL/min is 1 mcg/kg/min up to 7.5 mg/hour.
CrCl > 50 mL/min	Dosing for patients with CrCl greater than 50 mL/min
cytarabine INFUSION	This is not to be used for short infusions. If this is a 2 hour infusion, select cytarabine IVPB.
cytarabine IVPB	This selection is not to be used for continuous infusions. Select cytarabine INFUSION if this is a continuous infusion.
Dedicated IV Line	Do not infuse any other drugs through this line.
DEHP	This medication must be infused using DEHP FREE tubing.
Dextrose only	Flush with D5W only: NO SALINE
DHEP and Lactate	This medication must be infused via DHEP free tubing and with LACTATED Ringers only
Elotuzumab	Type the mL/h rate in the RATE field. Do not use the dose field for this medication.
EPOCH	EPOCH= etoposide/ doxorubicin/ vincristine combo. Enter dose of etoposide
Etoposide continuous	This is not to be used for short infusions. If this is a 1 hour infusion, select etoposide.
Etoposide IVPB	This selection is not to be used for continuous infusions. Select Etoposide CONT INFUS if this is a continuous infusion.
Fentanyl NICU vial	Note this is the concentrated fentanyl in the amp or vial. IF you are using a premixed syringe, select another program.
Fentanyl premixed sy	Note this is program is for the premixed syringe from pharmacy. If you are using the vials or amps select a different program.
Filter 0.22 Micron	Infusion requires the use of an in-line 0.22 micron filter
Filter and light	Inline 0.22 micron filter required and protection from light.
filter low protein	Infuse via a low-protein binding 0.2 micron filter
Filter/hypersensitiv	Infusion requires the use of an in-line 0.22 micron filter. Risk of hypersensitivity: check vital signs frequently during infusion. 2nd RN to verify pump programming.
Fluid Bolus	Administer a fluid bolus prior to starting the cidofovir infusion.
Glycophos	Sodium glycerophosphate is the generic name for Glycophos, is this the product you are administering? Needs to infuse over a minium of 8 hours.
gram/kg = mg/kg/hour	Please note: 0.1242 grams/kg is infused over 23 hours to be equal to 5.4 mg/kg/hour infused over 23 hours for spinal cord injuries.
Heparin	Monitor PTT. Do not administer other drugs through same IV line.
heparin flush bag	This heparin is for procedural use only. Either a 1,000 units/500 mL bag or 2,000 units/1,000 mL bag.
High Risk	This is a HIGH RISK medication. 2nd RN to verify prior to initiating therapy.
Hypersensitivity	Risk of hypersensitivity. Check vital signs frequently during infusion.
Impella advisory	Impella pump solution: Dextrose 20% -Heparin 50 units/mL: 50 units/hour = 1 mL/hour 400 units/hour = 8 mL/hour

Clinical Advisories	
Advisory Name	Clinical Advisory Text
Insulin advisory	2 RNs to verify and document concentration and programming prior to infusion. NOTE: waste 50 mL of infusion through tubing prior to infusing on patient.
KCL warning	20 mEq/50 mL is for central line administration only. Contact pharmacy for different concentration if only peripheral access site available
Low protein binding	Must be infused utilizing an in-line 0.2 micron low-protein binding filter.
Magnesium	Magnesium infusion rates: 6 g in 30 minutes = 0.2 g/min 4 g in 20 minutes = 0.2 g/min 2 g in 10 minutes = 0.2 g/min 2 RNs to verify programming prior to infusion.
Midazolam 0.1 mg/mL	NOTE: This is for premixed midazolam 0.1 mg/mL from the pharmacy. If you are using a vial from Pyxis, choose a different program.
Midazolam 1 mg/mL	NOTE: This is midazolam 1 mg/mL from a vial. If you are using a premixed syringe choose a different program.
Morphine NICU AMP	Note this program is for the 1 mg/1 mL concentration AMP or Vial of Morphine. If you are using a premixed syringe select a different program.
Morphine premixed sy	Note: This program is for the premixed 0.1 mg/1 mL morphine from pharmacy. If you are using a product with 1 mg/mL concentration, select a different program.
Neuromuscular BA	*Train of Four Required* Mechanical Ventilation and concurrent Sedation is mandatory.
No filter required	No filter is required for infusion. It is optional.
No flush	Do not flush the line.
Non-PVC	This medication must be infused using Non-PVC tubing.
Not for continuous	This selection is not to be used for continuous infusions of bumetanide. Select the program name: Bumetanide continuous if this is a continuous infusion.
NOTE CONCENTRATION	Program 2 units/mL heparin as 1 unit/mL in order to bolus during EP procedures. 1 unit per hour = 1 mL per hour..
Oxaliplatin	VESICANT Flush with 5%Dextrose solution only, incompatible with saline.
Paclitaxel	VESICANT. Use non-PVC containing tubing only.
Penicillin G NICU	NOTE: Each 1,000 units of PCN G equals 1 unit on the pump. Thus, enter 150,000 units/3 mL into pump as 150 units/3 mL. Dose of 1,500,000 units would be 1,500 units.
Pertuzumab	Check vitals before and after infusion
pip-tazo warning	This program is intended only for the 4 hour infusion of piperacillin-tazobactam. The VTBI should remain at 50 mL and the defaults will deliver dose over correct time.
Procedure Center Pai	This program is for lidocaine infusions for pain. Doses up to 5 mg/kg over 30-60 minutes. Not for ED
Protect From Light	Protect this drug from light.
Protein and filter	Use low-protein binding filter between 0.2 - 1.2 micron on infusion line.
Proteinase rate note	4 mg/kg/min as a dose equals a rate of 0.08 mL/kg/min
Saline	1 unit=1 mL
Saline only	Incompatible with dextrose containing solutions. Use with saline solutions only.
Stress Test	For STRESS TEST only.
Tirofiban dosing	Bolus of 25 mcg/kg delivered over 3 minutes = 8.33 mcg/kg/min as the dose.
Veletri	Epoprostenol (VELETRI) for inhalation only. Protect from light. Requires second sign off for pump programming and rate changes.
Vesicant	Drug is a vesicant. Check blood return.
Vesicant and filter	Medication is a Vesicant, check for blood return. Needs 0.2 micron filter and paclitaxel tubing is compatible.