

Data Set Report

APPROVED



ASPIRUS 5-2-2024

WVHN

_____ a(n) _____ corporation
(Name) (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
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1. Current Data Set Status

Data Set Name	ASPIRUS 5-2-2024
Hospital Name	WVHN
Data Set ID	02dc4b628-A
Data Set Status	Approved
Last Changed On	5/1/2024 08:13
Filename	C:\Users\b10035\Documents\Guardrails Editor\02dc3cd48-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		0.4										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
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/Glassia 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	3,000	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	4,800		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											Filter 1.2/hypersens
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X	X	YES	Continuous unit/h	0.2	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									
mirvetuximab soravta --- mg / --- mL	X		YES	Continuous mg/min	0.5	5	5.2	1									Filter/hypersen/ D5W

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	
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 / 500 mL (0.008 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 900 mg / 250 mL (3.6 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 0.2 Micron	
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Subsequent - 3.5 hr 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab Subsequent -2 hr 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	60		360	120								Filter 0.2 Micron	
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	200		50	25	175			12	25		12.5	
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	

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	
patisiran 30 mg / 200 mL (0.15 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/min	0.045	0.45										1.2 micron filter	
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	
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	
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

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		1.3	10
Flebogamma 10% WeightBased	X		mg/mL	99		101
Gammagard 10% WeightBased	X		mg/mL	99		101

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
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
mirvetuximab soravta NonWeightBased	X		mg/mL	0.9	1	2
morphine NonWeightBased	X		mg/mL	0.9		1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
octreotide NonWeightBased	X		mcg/mL	1		6
patisiran NonWeightBased	X		mg/mL		0.045	0.15
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	0.2	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	
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Low sorb and filter
Abraxane	X	X	mg/m2	80	260		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		5	5.1	Irritant
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	Irritant Low-Sorbing
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	Irritant Low-Sorbing
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	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a				

Intermittent Drugs - Ambulatory Oncology

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	
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	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
amivantamab <i>Week 1 Day 1</i>	X	X	mg	340	360		350 mg / 250 mL (1.4 mg / mL)	X			02:30	10:00	05:00	n/a				Filter 0.2 Micron
amivantamab <i>Week 1 Day 2</i>	X	X	mg	650	1,410		700 mg / 250 mL (2.8 mg / mL)	X			02:30	10:00	05:00	n/a				Filter 0.2 Micron
							1,050 mg / 250 mL (4.2 mg / mL)	X			04:30	14:00	08:00	n/a				
							1,400 mg / 250 mL (5.6 mg / mL)	X			04:30	16:00	10:00	n/a				
amivantamab <i>Week 2</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			02:30	06:00	03:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			03:30	08:00	04:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			03:30	08:00	04:00	n/a				
amivantamab <i>Week 3</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			02:30	06:00	03:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			02:30	06:00	03:00	n/a				
amivantamab <i>Week 4</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a				
amivantamab <i>Week Subsequent</i>	X	X	mg	1,040	2,110		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a				
							2,100 mg / 250 mL (8.4 mg / mL)	X			01:30	04:00	02:00	n/a				
ampho B <i>(LIPOSOMAL)</i>	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	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			
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 <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	
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		
anakinra	X	X	mg	90	210		100 mg / 50 mL (2 mg / mL)	X		00:10	00:30	00:15	n/a					
							--- mg / --- mL	X		00:10	00:30	00:15	mg/mL		1	5		
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	
Atezolizumab <i>First Dose</i>	X	X	mg	830		1,690	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				
							1,680 mg / 250 mL (6.72 mg / mL)	X		00:25		01:20	01:00	n/a				
Atezolizumab <i>Subsequent Doses</i>	X	X	mg	830		1,690	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				
							1,680 mg / 250 mL (6.72 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	
avelumab	X	X	mg	795	805		800 mg / 250 mL (3.2 mg / mL)	X			00:55	02:00	01:00	n/a				
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	
belantamab mafodotin	X	X	mg/kg	1.7	2.7		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		0.2	2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	
bendamustine HCl <i>Bendeka</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:08	01:00	00:10	mg/mL		1	6	
bendamustine HCl <i>Treanda</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	0.6	
Bevacizumab FIRST	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	

Intermittent Drugs - Ambulatory Oncology

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	
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	
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron
bleomycin	X	X	unit/m2	9	30		--- unit / --- mL	X			00:05	01:00	00:15	unit/mL		0.1	3	Irritant
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	Low-Sorbing
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				
							1,000 mg / 100 mL (10 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	Irritant
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	Irritant
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					
							2 gram / 100 mL (0.02 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				

Intermittent Drugs - Ambulatory Oncology

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	
cefOXitin	X	X	gram	0.5	2		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					
							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					
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			00:30	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		
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					
cemiplimab-rwlc	X	X	mg	150	400		350 mg / 100 mL (3.5 mg / mL)	X		00:25		02:00	00:30	n/a				Filter 0.2 Micron	
cetuximab Loading Dose	X	X	mg/m2	350	550		--- mg / --- mL	X		01:45		04:00	02:00	mg/mL		1.5	3		Filter 0.2 Micron
cetuximab Maintenance Dose	X	X	mg/m2	200	350		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.5	3		Filter 0.2 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 30 minute infusion	X	X	mg/m2	18	32		--- mg / --- mL	X			00:20	06:00	00:30	mg/mL	0.04	0.06	0.5		Irritant
CISplatin 60 minute infusion	X	X	mg/m2	18	105		--- mg / --- mL	X			00:45	06:00	01:00	mg/mL	0.03	0.04	0.6		Irritant

Intermittent Drugs - Ambulatory Oncology

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	
cixutumumab	X	X	mg/kg	9	11		--- mg / --- mL	X		00:50		02:30	01:00	mg/mL		1.9	6	Filter 0.2 Micron
cladribine <i>120 minute infusion</i>	X	X	mg/kg	0.1	0.19		--- mg / --- mL	X			02:00	02:30	02:00	mg/mL	0.007		0.24	Irritant
cladribine <i>24 hour Infusion</i>	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	Irritant
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					
							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		
crizantlizumab	X		mg/kg	4.5	5.5		--- mg / --- mL	X		00:20	01:30	00:30	mg/mL		1.75	9.6	Filter 0.2 Micron	
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X		02:30	05:00	03:00	n/a					
							--- mg / --- mL	X		02:30	05:00	03:00	mg/mL	0.002	0.004	0.05		
cycloPHOSphamide	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:15		01:30	00:20	mg/mL		1	20	Irritant
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	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	00:30	mg/mL		0.5	10	Irritant and light
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:20	01:00	00:30	mg/mL		1	5		
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X		00:25	01:00	00:30	00:30	mg/mL	2		15	
Daratumumab <i>First Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30	04:00	21:00	20:00	mg/mL		0.5	2	Filter 0.2 Micron
Daratumumab <i>Second Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30		12:00	10:00	mg/mL		0.5	4	Filter 0.2 Micron
Daratumumab <i>Subsequent Doses</i>	X	X	mg/kg	14	17		--- mg / --- mL	X		01:30		06:00		mg/mL		1.6	4	Filter 0.2 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	

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	
dexAMETHasone	X	X	mg	4	40		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							20 mg / 50 mL (0.4 mg / mL)	X			00:10	00:30	00:15	n/a				
							40 mg / 50 mL (0.8 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 cardio	X	X	mg/m2	100	775		--- mg / --- mL	X			00:10	01:00		mg/mL		1.3	3	dexRAZOxane cardio
dexRAZOxane extravas <2 m2	X	X	mg/m2	225	1,025		--- mg / --- mL	X			00:30	01:30	01:01	mg/mL		1.3	3	dexRAZOxane extravas
dexRAZOxane extravas >=2 m2	X	X	mg	495	2,005		500 mg / 1,000 mL (0.5 mg / mL)	X			00:30	01:30	01:01	n/a				
							1,000 mg / 1,000 mL (1 mg / mL)	X			00:30	01:30	01:01	n/a				
							2,000 mg / 1,000 mL (2 mg / mL)	X			00:30	01:30	01:01	n/a				
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
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	Irritant and DEHP
dolasetron	X	X	mg	12.5	100		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	2	
dostarlimab	X	X	mg	490	1,010		500 mg / 110 mL (4.5455 mg / mL)	X			00:20	01:00	00:30	n/a				
							1,000 mg / 120 mL (8.3333 mg / mL)	X			00:20	01:00	00:30	n/a				
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	Irritant, dextrose
durvalumab	X	X	mg	1,450	1,550		1,500 mg / 100 mL (15 mg / mL)	X			00:50	02:00	01:00	n/a				Filter 0.2 Micron
durvalumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	15	Filter 0.2 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				
efgartigimod alfa .Less than 120 kg	X		mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	2	2.5	9.6	Filter and light
efgartigimod alfa 120 kg and up	X		mg	1,150	1,250		1,200 mg / 125 mL (9.6 mg / mL)	X			00:40	02:00	01:00	n/a				Filter and light
enfortumab vedotin	X	X	mg/kg	0.5	1.25		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.3	4	Irritant
eptinezumab	X		mg	95	305		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				
							300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
ertapenem	X	X	gram	0.45	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	
etoposide	X	X	mg/m2	35	200		--- mg / --- mL	X			00:30	02:00	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
fam-trastuzumab deru <i>First Dose</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			01:15	03:00	01:30	mg/mL		1	10	fam-trastuzumab deru
fam-trastuzumab deru <i>Subsequent Doses</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	10	fam-trastuzumab deru
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				
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	Irritant
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	Irritant
gemTUZumab	X	X	mg/m2	1.8	6.3		--- mg / --- mL	X	X		01:45	04:00	02:00	mg/mL		0.075	0.234	Filter and light

Intermittent Drugs - Ambulatory Oncology

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	
gentamicin <i>Dose <= 300 mg</i>	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 <i>Dose > 300 mg</i>	X	X	mg	300	840		--- mg / --- mL	X		00:25		01:20	00:30	mg/mL	0.5		10	
glofitamab <i>Cycle 1</i>	X	X	mg	2.5	10		2.5 mg / 25 mL (0.1 mg / mL) 10 mg / 100 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a			Filter 0.2 Micron	
glofitamab <i>Cycle 2</i>	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			03:30	08:00	04:00	n/a			Filter 0.2 Micron	
glofitamab <i>Cycle 3-12</i>	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			01:30	04:00	02:00	n/a			Filter 0.2 Micron	
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	
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	
IPOSfamide	X	X	mg/m2	500	5,000		--- mg / --- mL	X		00:30		24:00		mg/mL		0.6	20	
IPOSfamide-MESNA	X	X	mg/m2	500	5,500		--- mg / --- mL	X		00:30		25:00		mg/mL		2	29	
inotuzumab	X	X	mg/m2	0.4	1.4		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.01	0.07	
IPILImumab	X	X	mg/kg	0.8	3.2		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		1	2	
IRINotecan <i>30 minute infusion</i>	X	X	mg/m2	40	200		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.12	1.2	
IRINotecan <i>60 minute infusion</i>	X	X	mg/m2	60	350		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.12	2.8	
IRINotecan <i>90 minute infusion</i>	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) 200 mg / 100 mL (2 mg / mL) 300 mg / 250 mL (1.2 mg / mL) 400 mg / 250 mL (1.6 mg / mL) 500 mg / 250 mL (2 mg / mL) --- mg / --- mL	X			00:06	01:00	00:15	n/a				
isatuximab-irfc <i>First Dose</i>	X		mg/kg	9	11		--- mg / --- mL	X			01:30	10:00	10:00	mg/mL		1.6	8	
isatuximab-irfc <i>Second Dose</i>	X		mg/kg	9	11		--- mg / --- mL	X			01:00	06:00	05:00	mg/mL		1.6	8	
isatuximab-irfc <i>Subsequent Doses</i>	X		mg/kg	9	11		--- mg / --- mL	X			01:00	04:00	01:15	mg/mL		1.6	8	

Intermittent Drugs - Ambulatory Oncology

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	
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 <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	
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					
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				
turbinectedin	X	X	mg/m2	1.9	3.3		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		0.005	0.04	Vesicant
magnesium sulfate	X	X	gram	0.5	10	11	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	02:00	n/a					
							4 gram / 100 mL (0.04 gram / mL)	X		00:50	08:00	04:00	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					
margetuximab <i>Initial Dose</i>	X	X	mg/kg	13	17		--- mg / --- mL	X			01:30	04:00	02:00	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron
margetuximab <i>Subsequent Doses</i>	X	X	mg/kg	13	17		--- mg / --- mL	X			00:20	02:00	00:30	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron
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	

Intermittent Drugs - Ambulatory Oncology

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	
metho TREXATE <i>Standard Dosing</i>	X	X	mg/m2	20	300		--- mg / --- mL	X			00:15	12:00		mg/mL		0.1	25	
metho TREXATE <i>High Dose - GRAMS</i>	X	X	gram/m2	1	12		--- gram / --- mL	X			01:00	25:00		gram/mL		0.01	0.25	
methy IPREDNISolone	X	X	mg	250	2,000		--- mg / --- mL	X		00:15		01:00		mg/mL		2.5	40	
metron IDA ZOLE	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	
mito MYcin	X	X	mg/m2	10	20		--- mg / --- mL	X			00:15	00:30	00:20	mg/mL		0.4	2	Vesicant
mito XANtrone	X	X	mg/m2	10	15		--- mg / --- mL	X			00:20	00:45	00:30	mg/mL		0.2	0.4	Irritant
mogamulizumab	X		mg/kg	0.8	1.2		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.1	3	Filter/hypersensitiv
moxetumomab	X	X	mg/kg	0.03	0.05		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.02	0.2	
myco PHENOLate	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	6		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				
							6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04	
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				
							360 mg / 100 mL (3.6 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	Filter 0.2 Micron
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				
							1,200 mg / 1,000 mL (1.2 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				

Intermittent Drugs - Ambulatory Oncology

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	
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	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-sorbing
							--- 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-sorbing
							--- 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		420	200 mg / 100 mL (2 mg / mL)	X		00:20	01:00	00:30	n/a					Filter 0.2 Micron
							400 mg / 100 mL (4 mg / mL)	X		00:20	01:00	00:30	n/a					
Pembrolizumab	X	X	mg/kg	1.75	2.25		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	1		10	Filter 0.2 Micron
PEMEtrexed	X	X	mg/m2	375	500		--- mg / --- mL	X		00:08		00:15	00:10	mg/mL		3	13	
pemivibart	X	X	mg	4,400	4,600		4,500 mg / 50 mL (90 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
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
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					
							3.375 gram / 50 mL (0.0675 gram / mL)	X		00:25	01:00	00:30	n/a					
							3.375 gram / 100 mL (0.0338 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	gram/mL		0.01	0.07									

Intermittent Drugs - Ambulatory Oncology

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	
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning	
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a					
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a					
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL			0.02		0.07
polatumab vedotin <i>First Dose</i>	X	X	mg/kg	1.4	1.8		--- mg / --- mL	X		00:25		01:50	01:30	mg/mL			0.72	2.7	
polatumab vedotin <i>Subsequent Doses</i>	X	X	mg/kg	1.4	1.8		--- mg / --- mL	X		00:25		01:50	00:30	mg/mL			0.72	2.7	
potassium chloride <i>Central</i>	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 <i>Peripheral</i>	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 <i>Central</i>	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 <i>Peripheral</i>	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
promethazine	X	X	mg	10	50		12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a					
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a					
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a					
							--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2		1	
Ramucirumab <i>First Dose</i>	X	X	mg/kg	7	11		--- mg / --- mL	X		00:50		03:00	01:00	mg/mL	1.5		4	Filter 0.2 Micron	
Ramucirumab <i>Subsequent Doses</i>	X	X	mg/kg	7	11		--- mg / --- mL	X		00:20		03:00	00:30	mg/mL	1.5		4		
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 <i>Loading Dose</i>	X		mg	2,350	3,050		2,400 mg / 48 mL (50 mg / mL)	X			00:40	02:00	00:50	n/a			Filter 0.2 Micron		
							2,700 mg / 54 mL (50 mg / mL)	X			00:30	02:00	00:40	n/a					
							3,000 mg / 60 mL (50 mg / mL)	X			00:15	01:00	00:25	n/a					
ravulizumab-cwvz	X		mg	2,950	3,650		3,000 mg / 60 mL (50 mg / mL)	X			00:45	02:00	00:55	n/a				Filter 0.2	

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
Maintenance Dose																		Micron
						3,300 mg / 66 mL (50 mg / mL)	X				00:30	02:00	00:45	n/a				
						3,600 mg / 72 mL (50 mg / mL)	X				00:20	01:00	00:30	n/a				
relatlimab-nivolumab	X		mg	470	490													relatlimab-nivolumab
						480 mg / 100 mL (4.8 mg / mL)	X				00:20	01:00	00:30	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	
risankizumab	X	X	mg	595	605													Protect From Light
						600 mg / 100 mL (6 mg / mL)	X				00:40	02:00	01:00	n/a				
riTUXimab	X	X	mg/m2	60	500													Hypersensitivity
						--- mg / --- mL	X				01:00	25:00		mg/mL		0.4	4	
romiDEPsin	X	X	mg/m2	4.5	14.5													
						--- mg / --- mL	X				04:00	08:00	04:00	mg/mL		0.01	0.07	
sacituzumab govtecan First Dose	X	X	mg/kg	4	11													
						--- mg / --- mL	X				01:00	04:00	03:00	mg/mL	1		3.5	
sacituzumab govtecan Subsequent Doses	X	X	mg/kg	4	11													
						--- mg / --- mL	X				00:40	03:00	01:00	mg/mL	1		3.5	
SMX/TMP	X	X	mg/kg	1.5	6													
						--- mg / --- mL	X		00:45			02:00	01:00	mg/mL		0.1	1.2	
spesolimab	X	X	mg	895	905													Filter and light
						900 mg / 100 mL (9 mg / mL)	X				01:00	03:00	01:30	n/a				
STREPTOzocin	X	X	mg/m2	400		1,500												Irritant
						--- mg / --- mL	X				00:45	02:00	01:00	mg/mL		0.8	6	
tafasitamab First Dose	X		mg/kg	10	14													
						--- mg / --- mL	X				01:00	04:00	03:34	mg/mL		2	8	
tafasitamab Subsequent Doses	X	X	mg/kg	10	14													
						--- mg / --- mL	X				01:00	03:00	01:30	mg/mL		2	8	
tagraxofusp-erzs	X		mcg/kg	11	13													tagraxofusp
						--- mcg / --- mL		X			00:14	00:20	00:15	mcg/mL		95	105	
temSIROLimus	X	X	mg	15	25													Low-Sorbing
						--- mg / --- mL	X		00:25			01:15	00:30	mg/mL		0.099	0.1	
teprotumumab	X	X	mg/kg	9.5	20.5													
						--- mg / --- mL	X				01:00	02:30	01:30	mg/mL	2.5	3	20	
Thiamine																		
						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	
tigeCYCLINE	X	X	mg	25	100													Dedicated IV Line
						50 mg / 50 mL (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				
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 - Ambulatory Oncology

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	
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	Irritant
toripalimab <i>First Dose</i>	X	X	mg	100	500		240 mg / 100 mL (2.4 mg / mL)	X			00:40	02:00	01:00	n/a				filter
toripalimab <i>Subsequent Doses</i>	X	X	mg	100	500		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.8	1	3	low-sorbing
trastuzumab <i>Loading Dose</i>	X		mg/kg	4	8.5		240 mg / 100 mL (2.4 mg / mL)	X			00:20	01:00	00:30	n/a				filter
trastuzumab <i>Subsequent Doses</i>	X		mg/kg	1.9	6.5		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.8	1	3	low-sorbing
trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	1.9	6.5		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		0.4	5	
tremelimumab	X	X	mg	70	305		75 mg / 100 mL (0.75 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
tremelimumab	X	X	mg	70	305		300 mg / 100 mL (3 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
trilaciclib	X	X	mg/m2	210	270		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		0.5	3	Filter 0.2 Micron
ustekinumab	X	X	mg	250	530		260 mg / 250 mL (1.04 mg / mL)	X			00:45	02:00	01:00	n/a				
ustekinumab	X	X	mg	250	530		390 mg / 250 mL (1.56 mg / mL)	X			00:45	02:00	01:00	n/a				
ustekinumab	X	X	mg	250	530		520 mg / 250 mL (2.08 mg / mL)	X			00:45	02:00	01:00	n/a				
VANCOMycin <i>Wausau</i>							500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
VANCOMycin <i>Wausau</i>							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin <i>Wausau</i>							1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin <i>Wausau</i>							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		1,500 mg / 250 mL (6 mg / mL)	X			01:30	03:00	02:00	n/a				
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7	
VANCOMycin <i>All Other Facilities</i>							500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
VANCOMycin <i>All Other Facilities</i>							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin <i>All Other Facilities</i>							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				
VANCOMycin <i>All Other Facilities</i>							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		1,500 mg / 500 mL (3 mg / mL)	X			02:00	03:30	02:30	n/a				
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	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

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	
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	Irritant
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	Low-Sorbing
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	500		
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	

Fluids - Ambulatory Oncology							
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
TPN	No	X		15	175	250	1.2 micron filter

2.1.7 PCA Drugs

PCA Drugs - Ambulatory Oncology						
Drug Name <i>Therapy</i>	Concentrations: 600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 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	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
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	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
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	
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-sorbing
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	
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	

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 Vascular Occlusions 4 mg / 100 mL (0.04 mg / mL) 10 mg / 100 mL (0.1 mg / mL) 25 mg / 125 mL (0.2 mg / mL) --- mg / --- mL	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									
AMIODArone 360 mg / 200 mL (1.8 mg / mL) 450 mg / 250 mL (1.8 mg / mL) 900 mg / 500 mL (1.8 mg / mL)	X		n/a	Continuous mg/min	0.5	1	1.5									Filter 0.2 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/Glassia 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	
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) --- mg / --- mL	X		YES	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	

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 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 12.5 mg / 50 mL (0.25 mg / mL) 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									
cosyntropin 0.5 mg / 100 mL (0.005 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	49	51		50	249		251	250	80		83.3	83	
dexmedeTOMIDine Non-anesthesia 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	12.5	5	

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	
DOBUTamine <i>.Standard Dosing</i> 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 <i>Stress test</i> 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	2										Central Line Only	
Epoprostenol <i>Flolan</i> 500 mcg / 100 mL (5 mcg / mL) 1,500 mcg / 100 mL (15 mcg / mL) --- mcg / --- mL	X		YES	Continuous nanogram/kg/min	1	75										Flolan	
Epoprostenol <i>Veletri</i> 1,500 mcg / 50 mL (30 mcg / mL)		X	n/a	Continuous nanogram/kg/min	5	50										Veletri	
eptifibatide <i>.Standard Dosing</i> 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 <i>.Weight121kg & above</i> 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mg/h	13	15.1		15								CrCl > 50 mL/min	
eptifibatide <i>Renal Dose</i> 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 <i>Renal Dose wt >121kg</i> 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		
fenoldopam 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL)	X		n/a	Continuous mcg/kg/min	0.01	0.1	0.4										

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	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL) 5,000 mcg / 250 mL (20 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100			50	12.5	50		
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL) 5,000 mcg / 250 mL (20 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100			50	12.5	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
FUROSemide continous AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
FUROSemide continous 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/Glassia rate
glucagon 10 mg / 100 mL (0.1 mg / mL)	X		n/a	Continuous mg/h	0.5		3	1									
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	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify

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 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	4,800		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) 2,000 unit / 1,000 mL (2 unit / mL)	X X		n/a	Continuous unit/h	12.5	100		50									heparin flush bag
HYDromorphone 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	0.5	5											2nd RN to verify

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	
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600										Filter1.2/hypersens	
insulin <i>Non-anesthesia</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	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 <i>Non-anesthesia</i> 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.05	0.2											
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 Continuous 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 0.2 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		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 / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	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) 50 mg / 250 mL (0.2 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.5	15		2.5								Central preferred	
nitroGLYcerin <i>Non-anesthesia</i> 25 mg / 250 mL (0.1 mg / mL) 50 mg / 250 mL (0.2 mg / mL)	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		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) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	3										Central Line Only	
Ocrelizumab <i>First Dose</i> 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab <i>Second Dose</i> 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab <i>Subsequent - 3.5 hr</i> 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48								Filter 0.2 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	
Ocrelizumab <i>Subsequent -2 hr</i> 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	60		360	120								Filter 0.2 Micron	
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X	X	YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	75		50	25	175			12	25		12.5	
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									
PENTobarbital CI 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.5	5											
PHENylephrine <i>Non-anesthesia</i> 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 Continu 2,000 mg / 500 mL (4 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/min	1	4	6									procainamide Continu	
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	

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	
rocuronium <i>Non-anesthesia</i> 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	2	16											
tirofiban <i>CrCl < 60 mL/min</i> 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 <i>CrCl >= 60 mL/min</i> 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 <i>Non-anesthesia</i> 2,000 mg / 100 mL (20 mg / mL) 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	
Treprostini <i>Initial Dose</i> 1,250 mcg / 500 mL (2.5 mcg / mL) --- mcg / --- mL	X		YES	Continuous nanogram/kg/min	0.625	30											Treprostini
Treprostini <i>Maintenance Dose</i> 10,000 mcg / 500 mL (20 mcg / mL) --- mcg / --- mL	X		YES	Continuous nanogram/kg/min	20	80											Treprostini
vasopressin 20 unit / 50 mL (0.4 unit / mL) 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									

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	
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
agalsidase beta NonWeightBased	X		mg/mL	0.2		0.72
alteplase MI 67KG or less WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Stroke less 100 kg WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Vascular Occlusions 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 Non-anesthesia WeightBased	X		mcg/mL	3.9		5

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
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
Epoprostenol <i>Flolan</i> WeightBased	X		nanogram/ mL	2,000	4,000	20,000
fentaNYL NonWeightBased	X		mcg/mL	15	18	50
fentaNYL WeightBased	X		mcg/mL	15	18	50
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROSemide continous <i>AIR</i> NonWeightBased	X		mg/mL		0.5	11
FUROSemide continous <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
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 <i>Non-anesthesia</i> NonWeightBased	X		unit/mL	0.9		1.1

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
Kcentra NonWeightBased	X	X	unit/mL	20		32
Ketamine Continuous <i>Non-anesthesia</i> WeightBased	X		mg/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		0.008
niCARdipine NonWeightBased	X		mg/mL	0.04	0.05	0.2
NORepinephrine WeightBased	X		mcg/mL		16	64
octreotide NonWeightBased	X		mcg/mL	1		6
PENTobarbital Cl WeightBased	X		mg/mL		1	8
PHENYLEphrine <i>Non-anesthesia</i> WeightBased	X		mcg/mL	35		320
Privigen 10% WeightBased	X		mg/mL	99		101
procainamide Continu NonWeightBased	X		mg/mL	1	2	8
Prolastin-C WeightBased	X		mg/mL	35		60
riTUXimab ACU NonWeightBased	X		mg/mL	1.3		2.1

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
rocuronium Non-anesthesia WeightBased	X		mcg/mL		800	1,200
Treprostinil Initial Dose WeightBased	X		nanogram/ mL	2,500		9,999
Treprostinil Maintenance Dose WeightBased	X		nanogram/ mL		2,500	25,000
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

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
dantrolene ANESTHESI 20 mg / 60 mL (0.3333 mg / mL)		X	n/a	Continuous mg/kg/h	0.15	0.3		0.25								
dexmedetomidine Anesthesia only 4 mcg / 1 mL (4 mcg / mL)		X	n/a	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.05		1.5		0.5	2	2.1	1	0.04	0.11	0.05	
fentanyl 50 mcg / 1 mL (50 mcg / mL)		X	YES	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		n/a	Continuous unit/h	0.2	25	75									
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	5	30										
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.1	1										
Lidocaine Continuous 2,000 mg / 500 mL (4 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	1.4	3.1		2	1	3		1.5	0.1	0.3	0.15	
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		
nitroglycerin Anesthesia only 25 mg / 250 mL (0.1 mg / mL)	X		n/a	Continuous mcg/min	1	200										

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
PHENYLEphrine Anesthesia only 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL) 40 mg / 250 mL (0.16 mg / mL)	X		n/a	Continuous mcg/kg/min	0.02	9										
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		
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		
remifentanil 5,000 mcg / 100 mL (50 mcg / mL) 2 mg / 50 mL (0.04 mg / mL) 4 mg / 50 mL (0.08 mg / mL)	X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		
rocuronium Anesthesia only 10 mg / 1 mL (10 mg / mL)		X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	2	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	
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		

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
TRANexamic acid CV Anesthesia only 5,000 mg / 250 mL (20 mg / mL)	X		n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	100	250		125	900	1,100		1,000	90	110		100
TRANexamic acid CV Anesthesia only 3,000 mg / 250 mL (12 mg / mL)	X		n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/min	0.2	19		2	9	50		10	0.9	1.2		1
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
dantrolene ANESTHESI NonWeightBased	X		mg/mL		0.3	0.35
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL		0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL		0.8	1.2

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) 1,000 unit / 1,000 mL (1 unit / mL)	X			00:30	03:00	01:00	n/a		

Intermittent Drugs - Critical Care

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	---				00:05	03:00	01:00	unit/mL	0.9		1.1	Low sorb and filter
Acetaminophen <i>pt weight < 50kg</i>	X	X	mg/kg	10		17	---			00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen 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		---				00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine <i>First Dose</i>	X	X	gram/kg	0.13	0.17		---				00:30	02:00	01:00	gram/mL	0.021		0.047	Acetylcysteine bolus
acetylcysteine <i>Second Dose</i>	X	X	gram/kg	0.04	0.06		---				03:30	05:00	04:00	gram/mL	0.003		0.01	acetylcysteine 2nd
acetylcysteine <i>Third Dose</i>	X	X	gram/kg	0.09	0.11		---				13:20	18:00	16:00	gram/mL	0.003		0.01	acetylcysteine 3rd
acyclovir	X	X	mg	100	2,000		---				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	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		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	30	35	---			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				
							---				00:45	01:30	01:00	gram/mL		0.01	0.02	
AMIODARone Loading	X	X	mg	149	301		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							---				00:08	01:00	00:30	mg/mL	0.5	1	3.2	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		---				01:00	04:00	02:00	mg/mL		0.2	2	
amphotericin B <i>Standard Dosing</i>	X	X	mg	1	100		---			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	---				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	---			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				

Intermittent Drugs - Critical Care

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	
							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	
arginine	X	X	gram	15	40	41	--- gram / --- mL	X			00:20	01:00	00:31	gram/mL	0.02	0.025	0.08	
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/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	
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.9	1	10	
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				
							1,000 mg / 100 mL (10 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				
							2 gram / 100 mL (0.02 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				

Intermittent Drugs - Critical Care

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
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				
							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	
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	
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	

Intermittent Drugs - Critical Care

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	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
crizanlizumab	X		mg/kg	4.5	5.5		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		1.75	9.6	Filter 0.2 Micron
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X		02:30	05:00	03:00	n/a					
							--- mg / --- mL	X		02:30	05:00	03:00	mg/mL	0.002	0.004	0.05		
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:20	01:00	00:30	mg/mL		1	5		
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		
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
digoxin immune fab	X	X	mg	10	800		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.1	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		
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
efgartigimod alfa <i>Less than 120 kg</i>	X		mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	2	2.5	9.6	Filter and light
efgartigimod alfa <i>120 kg and up</i>	X		mg	1,150	1,250		1,200 mg / 125 mL (9.6 mg / mL)	X			00:40	02:00	01:00	n/a				Filter and light
eptinezumab	X		mg	95	305		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					
							300 mg / 100 mL (3 mg / mL)	X		00:25	01:00	00:30	n/a					
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	30		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:20	n/a				

Intermittent Drugs - Critical Care

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	
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	
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 <i>Dose =<= 300 mg</i>	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 <i>Dose > 300 mg</i>	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-sorbing filter
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	Filter 0.2 Micron
hydroxocobalamin	X	X	gram	4	5		5 gram / 200 mL (0.025 gram / mL)	X			00:15	00:20	00:15	n/a				
ibutilide <i>pt weight < 60kg</i>	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 <i>pt weight >= 60kg</i>	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				

Intermittent Drugs - Critical Care

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	
iron DEXTRAN <i>Iron test dose</i>	X	X	mg	24	26		--- mg / --- mL	X			00:25	02:00		mg/mL		2	5	
iron DEXTRAN <i>Maintenance Dose</i>	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				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
ketamine Intermittent	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	
levocarnitine <i>Loading Dose</i>	X	X	mg	1,500		6,000	6,000 mg / 30 mL (200 mg / mL)	X			00:20	01:00	00:30	n/a				
levocarnitine <i>Maintenance Dose</i>	X	X	mg/kg	12	50		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.4	0.5	8	
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 <i>ED wt 135 kg and up</i>	X	X	mg	190	210		200 mg / 100 mL (2 mg / mL)	X		00:09		01:30	00:10	n/a				
lidocaine pain <i>ED wt less 135 kg</i>	X	X	mg/kg	0.5	5.2		--- mg / --- mL	X		00:09		01:30	00:10	No				
lidocaine pain <i>Procedure Center</i>	X	X	mg/kg	1.5	5.5		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		2	6	
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	10	11	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	02:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	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				

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
meropenem/vaborbctam																		
	X	X	gram	0.5	4													
methylene BLUE	X	X	mg/kg	0.5	6													Dextrose only
methylPREDNISolone	X	X	mg	250	2,000													
metronIDAZOLE																		
	X	X	mg	250	1,000													
micafungin	X	X	mg	49	151	300												
moxifloxacin	X	X	mg	300	500													
mycoPHENOLate	X	X	mg	50	1,500													
nafcillin																		
	X	X	gram	0.2	6													
Natalizumab	X	X	mg	299		301												
ondansetron	X	X	mg	2	32													
Oritavancin																		
	X	X	mg	700	1,250													Dextrose only
pamidronate																		
	X	X	mg	29	90													Dedicated IV Line
pegloticase	X	X	mg	7.9	8.1													Hypersensitivity
pemivibart	X	X	mg	4,400	4,600													Filter 0.2 Micron
penG 2.5 Mill Units	X	X	unit	2	3													1unit=1million
penG 5 million units	X	X	unit	4.5	5.5													1unit=1million
Penicillin G	X	X	unit	1	5													1unit=1million
pentamidine	X	X	mg/kg	1.8	4.2													

Intermittent Drugs - Critical Care

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	
PENTobarbital	X	X	mg/kg	2	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	8	
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 0.2 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 0.2 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				
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 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	gram/mL		0.01	0.07	
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07	
potassium acetate <i>Central</i>	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 <i>Peripheral</i>	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 <i>Central</i>	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 chloride	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning

Intermittent Drugs - Critical Care

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
<i>Peripheral</i>																		
						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		
procainamide LOAD	X	X	mg	500	1,000	1,100												
						1,000 mg / 60 mL (16.6667 mg / mL)	X		00:20	00:25	01:00	00:30	n/a				procainamide LOAD	
						--- mg / --- mL	X		00:10	00:20	01:00	00:30	mg/mL	1.5	2	20		
promethazine	X	X	mg	10	50													
						12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a					
						25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a					
						50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a					
						--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1		
ravulizumab-cwvz Loading Dose	X		mg	2,350	3,050													
						2,400 mg / 48 mL (50 mg / mL)	X			00:40	02:00	00:50	n/a				Filter 0.2 Micron	
						2,700 mg / 54 mL (50 mg / mL)	X			00:30	02:00	00:40	n/a					
						3,000 mg / 60 mL (50 mg / mL)	X			00:15	01:00	00:25	n/a					
ravulizumab-cwvz Maintenance Dose	X		mg	2,950	3,650													
						3,000 mg / 60 mL (50 mg / mL)	X			00:45	02:00	00:55	n/a				Filter 0.2 Micron	
						3,300 mg / 66 mL (50 mg / mL)	X			00:30	02:00	00:45	n/a					
						3,600 mg / 72 mL (50 mg / mL)	X			00:20	01:00	00:30	n/a					
remdesivir	X	X	mg	95	250													
						100 mg / 100 mL (1 mg / mL)	X			00:25	02:00	01:00	n/a					
						200 mg / 100 mL (2 mg / mL)	X			00:25	02:00	01:00	n/a					
						--- mg / --- mL	X			00:25	02:00	01:00	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		
risankizumab	X	X	mg	595	605													
						600 mg / 100 mL (6 mg / mL)	X			00:40	02:00	01:00	n/a				Protect From Light	
-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	
selexipag	X		mcg	220	1,805													
						225 mcg / 100 mL (2.25 mcg / mL)	X			01:00	02:00	01:20	n/a				Protect From Light	
						450 mcg / 100 mL (4.5 mcg / mL)	X			01:00	02:00	01:20	n/a					
						675 mcg / 100 mL (6.75 mcg / mL)	X			01:00	02:00	01:20	n/a					
						900 mcg / 100 mL (9 mcg / mL)	X			01:00	02:00	01:20	n/a					
						1,125 mcg / 100 mL (11.25 mcg / mL)	X			01:00	02:00	01:20	n/a					
						1,350 mcg / 100 mL (13.5 mcg / mL)	X			01:00	02:00	01:20	n/a					
						1,575 mcg / 100 mL (15.75 mcg / mL)	X			01:00	02:00	01:20	n/a					

Intermittent Drugs - Critical Care

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
Sincalide	X	X	mcg/kg	0.018	0.22	1,800 mcg / 100 mL (18 mcg / mL)	X			01:00	02:00	01:20	n/a					
SMX/TMP	X	X	mg/kg	1.5	6	--- mg / --- mL	X		00:25	00:29	01:10	01:00	mcg/mL		0.02	0.6		
sodium bicarbonate	X	X	mEq	45	155	50 mEq / 50 mL (1 mEq / mL)	X		00:10	00:30	00:15	n/a						
						100 mEq / 100 mL (1 mEq / mL)	X		00:10	00:30	00:15	n/a						
						150 mEq / 150 mL (1 mEq / mL)	X		00:10	00:30	00:15	n/a						
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	12.5 gram / 200 mL (0.0625 gram / mL)	X		00:30	05:00			n/a					
						25 gram / 200 mL (0.125 gram / mL)	X		00:30	05:00			n/a					
						--- gram / --- mL	X		00:30	05:00			gram/mL		0.05	0.5		
sotalol	X	X	mg	55	130	60 mg / 100 mL (0.6 mg / mL)	X		00:40	02:00	01:00	n/a						
						75 mg / 100 mL (0.75 mg / mL)	X		00:40	02:00	01:00	n/a						
						82.5 mg / 100 mL (0.825 mg / mL)	X		00:40	02:00	01:00	n/a						
						90 mg / 100 mL (0.9 mg / mL)	X		00:40	02:00	01:00	n/a						
						112.5 mg / 100 mL (1.125 mg / mL)	X		00:40	02:00	01:00	n/a						
						125 mg / 100 mL (1.25 mg / mL)	X		00:40	02:00	01:00	n/a						
spesolimab	X	X	mg	895	905	900 mg / 100 mL (9 mg / mL)	X		01:00	03:00	01:30	n/a					Filter and light	
tecovirimat	X		mg	95	155	100 mg / 30 mL (3.3333 mg / mL)		X	02:40	07:00	03:00	n/a						
						150 mg / 45 mL (3.3333 mg / mL)		X	02:40	07:00	03:00	n/a						
teprotumumab	X	X	mg/kg	9.5	20.5	--- mg / --- mL	X		01:00	02:30	01:30	mg/mL	2.5	3	20			
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		
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 <i>Dose =< 300 mg</i>	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 <i>Dose > 300 mg</i>	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		

Intermittent Drugs - Critical Care

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	
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 / 100 mL (10 mg / mL)	X		00:09	00:35	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 / 100 mL (10 mg / mL)	X		00:08		09:00		n/a				
							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		
ustekinumab	X	X	mg	250	530		260 mg / 250 mL (1.04 mg / mL)	X			00:45	02:00	01:00	n/a				
							390 mg / 250 mL (1.56 mg / mL)	X		00:45	02:00	01:00	n/a					
							520 mg / 250 mL (2.08 mg / mL)	X		00:45	02:00	01:00	n/a					
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOMycin .Wausau	X	X	mg	125	2,500		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 / 200 mL (5 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		01:30	03:00	02:00	n/a					
							1,750 mg / 500 mL (3.5 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,000 mg / 500 mL (4 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,250 mg / 500 mL (4.5 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,500 mg / 500 mL (5 mg / mL)	X		02:30	04:00	03:00	n/a					
							--- mg / --- mL	X		01:00	04:30		mg/mL	0.5	1	7		
VANCOMycin All Other Facilities	X	X	mg	125	2,500		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 / 500 mL (3 mg / mL)	X		02:00	03:30	02:30	n/a					
							1,750 mg / 500 mL (3.5 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,000 mg / 500 mL (4 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,250 mg / 500 mL (4.5 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,500 mg / 500 mL (5 mg / mL)	X		02:30	04:00	03:00	n/a					
							--- mg / --- mL	X		01:00	04:30		mg/mL	0.5	1	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		

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
zidovudine	X	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	500		
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		
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		

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	
Sodium Chlor 3%	Yes	X		1		500	
sodium citrate 4%	Yes	X	X	100	210		
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.2.7 PCA Drugs

PCA Drugs - Critical Care						
Drug Name <i>Therapy</i>	Concentrations:					
fentaNYL	600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 mcg / 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:
PCA Dose	n/a	10	50	150	10	No
Continuous Dose / h	n/a	10	50	400		Dosing Units mcg
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	10	50	200	n/a	Yes
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	400	600			2nd RN to verify

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROmorphine						
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:
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:
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
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

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
Continuous Dose / h	n/a	0.5	30			mg
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	
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										
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									

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	
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 0.2 Micron	
argatroban <i>Standard Dosing</i> 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	
argatroban <i>Hepatic Dose</i> 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 <i>Standard Dosing</i> 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 <i>Dialysis dosing</i> 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 <i>Renal Dose</i> 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 12.5 mg / 50 mL (0.25 mg / mL) 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										

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	
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									
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	12.5	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	2											Central Line Only
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

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	
eptifibatide <i>.Weight121kg & above</i> 75 mg / 100 mL (0.75 mg / mL)	X		n/a	Continuous mg/h	13	15.1		15								CrCl > 50 mL/min	
eptifibatide <i>Renal Dose</i> 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 <i>Renal Dose wt >121kg</i> 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		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	
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	3,000	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	4,800		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	
insulin <i>Non-anesthesia</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	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 <i>Non-anesthesia</i> 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.05	0.2											
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									
Lidocaine Continuous 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 0.2 Micron
mag sulfate L&D 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	6	8	2	2		6.1	4	0.06		0.1	0.067	2nd RN to verify
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 - 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	
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		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 / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	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		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		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		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) --- mg / --- mL	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 0.2 Micron	

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	
Ocrelizumab <i>Second Dose</i> 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab <i>Subsequent - 3.5 hr</i> 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab <i>Subsequent -2 hr</i> 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	60		360	120								Filter 0.2 Micron	
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X	X	YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	75		50	25	175		12	25		12.5		
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									
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	
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	
tirofiban 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X	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	

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	
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
alteplase MI 67KG or less WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Stroke less 100 kg WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Vascular Occlusions NonWeightBased	X		mg/mL	0.1		0.3
cisATRAcurium WeightBased	X		mcg/mL	998	1,000	1,001
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

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
fat emulsion 20%		X	gram/mL	0.19		0.21
WeightBased						
Flebogamma 10%	X		mg/mL	99		101
WeightBased						
Gammagard 10%	X		mg/mL	99		101
WeightBased						
Gamunex - C 10%	X		mg/mL	99		101
WeightBased						
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra	X	X	unit/mL	20		32
NonWeightBased						
Ketamine Continuous Non-anesthesia WeightBased	X		mg/mL	0.4	0.5	2
LORazepam	X		mg/mL	0.3		0.6
NonWeightBased						
midazolam	X		mg/mL	0.2		1
NonWeightBased						
morphine	X		mg/mL	0.9	1	1.5
NonWeightBased						
naloxone	X		mg/mL	0.001		0.008
NonWeightBased						
NORepinephrine	X		mcg/mL		16	64
WeightBased						
octreotide	X		mcg/mL	1		6
NonWeightBased						
PHENYLEphrine	X		mcg/mL	35		320
WeightBased						
Privigen 10%	X		mg/mL	99		101
WeightBased						

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
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	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	0.2	25	75									

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
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	5	30										
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.1	1										
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	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 5,000 mcg / 100 mL (50 mcg / mL)	X		n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		
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	

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
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
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL		0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL		0.8	1.2

2.3.5 Intermittent Drugs

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	
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Low sorb 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	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	

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	
acetylcysteine <i>First Dose</i>	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 <i>Second Dose</i>	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 <i>Third Dose</i>	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)	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	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a				
amikacin	X	X	mg/kg	4	30	35	--- 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	
AMIODARone Loading	X	X	mg	149	301		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							--- mg / --- mL	X			00:08	01:00	00:30	mg/mL	0.5	1	3.2	
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/mL		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/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	

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	
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
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					
2 gram / 100 mL (0.02 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		
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/mL		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				
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		
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				
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		
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					
300 mg / 50 mL (6 mg / mL)							X			00:10	01:00	00:30	n/a					
CLINDAmycin	X	X	mg	50	900		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 - 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	
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	
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
ertapenem	X	X	mg	25	200		--- mg / --- mL	X			00:45	04:00	01:00	mg/mL		0.1	1	
							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				
erythromycin	X	X	mg	100	1,000		--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
							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				
ferric gluconate Na	X	X	mg	62.5	500		--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
							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			
Ferumoxitol	X	X	mg	500	520		--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
							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			
							--- 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	

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	
ibutilide <i>pt weight < 60kg</i>	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 <i>pt weight >= 60kg</i>	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	
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	
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				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	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	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 <i>ED wt 135 kg and up</i>	X	X	mg	190	210		200 mg / 100 mL (2 mg / mL)	X		00:09		01:30	00:10	n/a				
lidocaine pain <i>ED wt less 135 kg</i>	X	X	mg/kg	0.5	5.2		--- mg / --- mL	X		00:09		01:30	00:10	No				
lidocaine pain <i>Procedure Center</i>	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	X	X	gram	0.5	10	11	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	02:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	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	

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	
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	X	X	mg/kg	0.5	6		--- mg / --- mL	X		00:05	00:10	12:00		mg/mL		0.3	10	Dextrose only
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				
nafillin							1 gram / 50 mL (0.02 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	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	
pamidronate	X	X	mg	29	90		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	
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				
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				
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				
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	
PENTobarbital	X	X	mg/kg	5	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	8	
phenytoin <i>Loading Dose</i>	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	
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	
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				

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	
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 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	gram/mL		0.01	0.07	
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07	
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	
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	
Sinacide	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/mL		0.03	0.3	

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	
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				
							--- unit / --- mL		X	00:09	00:25	01:00		unit/mL	48		54	
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (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				
TOBRAmycin <i>Dose =< 300 mg</i>	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 <i>Dose > 300 mg</i>	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 <i>Cardiac Surgery</i>	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25	
Tranexamic Acid <i>MTP</i>	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25	
Tranexamic Acid <i>Ortho surgery</i>	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 / 100 mL (10 mg / mL)	X			00:09	00:35	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 <i>Trauma/Neuro</i>	X	X	mg	990		1,100	1,000 mg / 100 mL (10 mg / mL)	X		00:08		09:00		n/a				
							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	
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							Clinical Ads. Name
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			
		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	500		
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		
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		500	
sodium citrate 4%	Yes	X	X	100	210		
TPN	No	X		15	175	250	1.2 micron filter
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	1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	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	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 - Education						
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
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

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	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify

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	
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	4,800		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		YES	Continuous unit/h	0.2	25	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	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									
mag sulfate L&D 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 / 500 mL (0.008 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 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									

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	
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	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	

2.4.2 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

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
naloxone NonWeightBased	X		mg/mL	0.001		0.008
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
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X	X	n/a	Continuous unit/h	0.2	25	75									
Ketamine Continuous 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	5	30										
Ketamine Continuous 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.1	1										
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		

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
remifentanyl 5,000 mcg / 100 mL (50 mcg / mL)	X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			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

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - L & D						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Ketamine Continuous NonWeightBased	X		mg/mL		0.8	1.2
Ketamine Continuous WeightBased	X		mg/mL		0.8	1.2

2.4.5 Intermittent Drugs

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	
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				
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	30	35	--- 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				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				

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
						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					
						1,000 mg / 100 mL (10 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					
						2 gram / 100 mL (0.02 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					
						2 gram / 100 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
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	
chloroproMAZINE	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
DAPTOmycin	X	X	mg	250	1,000		500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- 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	
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
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	30		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:20	n/a				

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	
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				
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 <i>Dose =< 300 mg</i>	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 <i>Dose > 300 mg</i>	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	Filter 0.2 Micron
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	X	X	mg	100	2,000		--- mg / --- mL	X		01:00	01:30	04:00		mg/mL		2	4	
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				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	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				

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
metronIDAZOLE	X	X	mg	250	1,000													
						--- mg / --- mL	X				00:25	01:00	00:30	mg/mL		4	20	
						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				
nafcillin																		
						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	6	2 gram / 100 mL (0.02 gram / mL)	X				00:25	01:30	01:00	n/a				
						6 gram / 250 mL (0.024 gram / mL)	X				11:00	13:00	12:00	n/a				
						--- gram / --- mL	X				00:25	01:30		gram/mL		0.01	0.04	
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				
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				
Penicillin G	X	X	unit	1	5													
						--- unit / --- mL	X				00:25	02:30	01:00	unit/mL	0.02		0.05	
phenytoin Loading Dose	X	X	mg/kg	5	25													
						--- mg / --- mL	X				00:10	01:00	00:30	mg/mL		1	10	
phenytoin Maintenance Dose	X	X	mg/kg	0.5	2.5													
						--- mg / --- mL	X				00:10	01:00	00:30	mg/mL		1	10	
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				
						3.375 gram / 50 mL (0.0675 gram / mL)	X				00:25	01:00	00:30	n/a				
						3.375 gram / 100 mL (0.0338 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	gram/mL		0.01	0.07	
piperacillin/tazo 4 hour infusion																		
	X	X	gram	3.2	4.6													
						3.375 gram / 50 mL (0.0675 gram / mL)	X				03:50	04:10	04:00	n/a				
						3.375 gram / 100 mL (0.0338 gram / mL)	X				03:50	04:10	04:00	n/a				
						4.5 gram / 100 mL (0.045 gram / mL)	X				03:50	04:10	04:00	n/a				
						--- gram / --- mL	X				03:50	04:10	04:00	gram/mL		0.02	0.07	
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			
						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			

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
potassium chloride <i>Peripheral</i>	X	X	mEq	5	40		---		00:50	01:00	04:00		mEq/mL	0.05		0.4	KCL warning	
							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				
potassium PHOSphate <i>Central</i>	X	X	mmol	14	40		---		00:50	01:00	04:00		mEq/mL	0.05		0.2		
							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				
potassium PHOSphate <i>Peripheral</i>	X	X	mmol	10	30		---		03:00		09:00	04:00	mmol/mL		0.01	0.24		
							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				
promethazine	X	X	mg	10	50		---		02:00		06:00		mmol/mL		0.01	0.09		
							12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a				
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a				
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a				
rifampin	X	X	mg	100	600		---		00:15	01:00	00:20	mg/mL	0.1	0.2	1			
							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				
SMX/TMP	X	X	mg/kg	1.5	6		---		00:25	03:00		mg/mL		0.1	6.5			
							---		00:45		02:00	01:00	mg/mL		0.1		1.2	
sodium phosphate	X	X	mmol	10	60		---		00:45		02:00	01:00	mg/mL		0.1	1.2		
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
Thiamine	X	X	mg	25	501		---		02:00		09:00		mmol/mL		0.03	0.3		
							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				
tigeCYCLINE	X	X	mg	25	100		---		00:15	01:00		mg/mL	0.5		11	Dedicated IV Line		
							50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAmycin <i>Dose =< 300 mg</i>	X	X	mg	40	300		---		00:25		01:00	00:30	n/a					
							80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
TOBRAmycin <i>Dose > 300 mg</i>	X	X	mg	300	840		---		00:25		01:00	00:30	mg/mL	0.5		10		
							---		00:35		01:20	01:00	mg/mL	0.5		10		
Tranexamic Acid	X	X	mg	500	3,000		---		00:09	00:35	00:10	n/a						
							1,000 mg / 100 mL (10 mg / mL)	X			00:09	00:35	00:10	n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X			00:09	01:00		mg/mL	1.5			100

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	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOmycin .Wausau	X	X	mg	125	2,500		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 / 200 mL (5 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			01:30	03:00	02:00	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7								
VANCOmycin All Other Facilities	X	X	mg	125	2,500		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 / 500 mL (3 mg / mL)	X			02:00	03:30	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	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				
							--- 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	

Fluids - L & D							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
Maint IVF+Additives	Yes	X		1	500		
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		
oxytocin POST PARTUM	Yes	X		10	333		

2.4.7 PCA Drugs

PCA Drugs - L & D						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 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)					
HYDRORmorphine						
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:
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:
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	
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 0.2 Micron	
Aralast --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Aralast/Glassia 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	
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 12.5 mg / 50 mL (0.25 mg / mL) 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	

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	
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		
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		
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
FUROsemide continous AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
FUROsemide continous 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/Glassia 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	3,000	3,500		1,000		4,000		1,000		1,600	1,600	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	
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	4,800		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
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600											Filter1.2/hypers ens
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	25	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous Non-anesthesia 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.05	0.2											
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			

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	
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 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 Bolus Dose mcg Bolus Admin Rate mcg/min	25	75		50	25	175			12	25		12.5	
pantoprazole 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	
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	

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	
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	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
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROsemide continous AIR NonWeightBased	X		mg/mL		0.5	11
FUROsemide continous All Other Facilities NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL	99		101

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
Gamunex - C 10% WeightBased	X		mg/mL	99		101
Glassia WeightBased	X		mg/mL	15		25
HYDRomorphine 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 Non-anesthesia WeightBased	X		mg/mL	0.4	0.5	2
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
octreotide NonWeightBased	X		mccg/mL	1		6
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
Wilate NonWeightBased	X		unit/mL		90	120
Zemaira 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
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		n/a	Continuous unit/h	0.2	25	75									
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	5	30										
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.1	1										
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		
remifentanil 5,000 mcg / 100 mL (50 mcg / mL)	X	X	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		

2.5.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Med Surg						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL		0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL		0.8	1.2

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	
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	
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)	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	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a				
amikacin	X	X	mg/kg	4	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
AMIODARone Loading	X	X	mg	149	301		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							--- mg / --- mL	X			00:08	01:00	00:30	mg/mL	0.5	1	3.2	
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		
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X		00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron	
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				
							1,000 mg / 100 mL (10 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	01:00	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					
							2 gram / 100 mL (0.02 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		

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	
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				
							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	
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	
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				

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	
							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	
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X			02:30	05:00	03:00	n/a				
							--- mg / --- mL	X			02:30	05:00	03:00	mg/mL	0.002	0.004	0.05	
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	5	
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	
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
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	
eptinezumab	X		mg	95	305		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				
							300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				
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	30		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:20	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				

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	
							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	
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	
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	
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	
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				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	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				

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	
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levocarnitine Loading Dose	X	X	mg	1,500		6,000	6,000 mg / 30 mL (200 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		195	205	
levocarnitine Maintenance Dose	X	X	mg/kg	12	18		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.4	0.5	8	
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				
magnesium sulfate							1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
	X	X	gram	0.5	10	11	2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	02:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	n/a				
							--- gram / --- mL	X			00:30	12:00		gram/mL		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	
meropenem/vaborbctam	X	X	gram	0.5	4		2 gram / 250 mL (0.008 gram / mL)	X			02:30	04:00	03:00	n/a				
							4 gram / 250 mL (0.016 gram / mL)	X			02:30	04:00	03:00	n/a				
							--- gram / --- mL	X			02:30	04:00	03:00	gram/mL		0.004	0.016	
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							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
	X	X	gram	0.2	6		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				
							6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	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	

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	
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
pentamidine	X	X	mg/kg	1.8	4.2		--- mg / --- mL	X			00:50	03:30		mg/mL		0.28	2.4	
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 0.2 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 0.2 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				
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 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	gram/mL		0.01	0.07	
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07	
potassium acetate <i>Central</i>	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 <i>Peripheral</i>	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	

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
potassium chloride <i>Central</i>	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 <i>Peripheral</i>	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 <i>Central</i>	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 <i>Peripheral</i>	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	
promethazine	X	X	mg	10	50		12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a				
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a				
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a				
							--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1	
remdesivir	X	X	mg	95	250		100 mg / 100 mL (1 mg / mL)	X			00:25	02:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00	01:00	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
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 bicarbonate	X	X	mEq	45	155		50 mEq / 50 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							100 mEq / 100 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							150 mEq / 150 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
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		12.5 gram / 200 mL (0.0625 gram / mL)	X			00:30	05:00		n/a				
							25 gram / 200 mL (0.125 gram / mL)	X			00:30	05:00		n/a				

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
						--- 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		
tigeCYCLINE	X	X	mg	25	100	50 mg / 50 mL (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				Dedicated IV Line	
TOBRAMycin <i>Dose <= 300 mg</i>	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 <i>Dose > 300 mg</i>	X	X	mg	300	840	--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10		
Tranexamic Acid <i>Cardiac Surgery</i>	X	X	mg	500	2,000	--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25		
Tranexamic Acid <i>MTP</i>	X	X	mg	500	1,500	--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25		
Tranexamic Acid <i>Ortho surgery</i>	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 / 100 mL (10 mg / mL)	X			00:09	00:35	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 <i>Trauma/Neuro</i>	X	X	mg	990	1,100	1,000 mg / 100 mL (10 mg / mL)	X		00:08		09:00		n/a					
						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 <i>.Wausau</i>	X	X	mg	125	2,500	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 / 200 mL (5 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			01:30	03:00	02:00	n/a					
						1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a					
						--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7		
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500	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 / 500 mL (3 mg / mL)	X			02:00	03:30	02:30	n/a					
						1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	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	
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	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				
							--- 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

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	500		
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		

Fluids - Med Surg							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
Lipids 20%	No	X		8	42		
Sodium Chlor 3%	Yes	X		1	75	125	
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.5.7 PCA Drugs

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations:					
fentaNYL	600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 mcg / 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:
PCA Dose	n/a	10	50	150	10	No
Continuous Dose / h	n/a	10	50	400		Dosing Units mcg
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	10	50	200	n/a	Yes
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	400	600			2nd RN to verify

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDRORmorphine						
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:
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)					
HYDRORmorphine 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:
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 - 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
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

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
Continuous Dose / h	n/a	0.5	30			mg
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

2.6 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									
AMIODArone 1.5 mg / 1 mL (1.5 mg / mL)		X	n/a	Continuous mcg/kg/min	5		15										
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										
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	
Gammagard 10% 0.1 gram / 1 mL (0.1 gram / mL)		X	n/a	Continuous mg/kg/min	0.1		8	0.8									
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	

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	
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	
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			X		00:10	00:30	00:15	mg/mL	9		11		
acyclovir	X		mg/kg	4		25		X		00:55	01:30	01:00	mg/mL	4.5		7.5		
albumin 25%	X		gram/kg	0.4		1.7		X	00:15	00:30	03:00	02:00	n/a					
albumin 5%	X		gram/kg	0.4	1.7			X		00:15	01:00	00:20	gram/mL	0.4		0.55		
amikacin	X		mg/kg	4		12		X		00:25	01:00	00:30	mg/mL	9.9		10.1		
AMIODARone Loading	X		mg/kg	1		6		X	00:02		01:00	00:30	mg/mL		1	50	Central Line Only	
ampho B (LIPOSOMAL)	X		mg/kg	3		8		X	01:30		03:00	02:00	mg/mL	1.9		2.1		
amphotericin B	X		mg/kg	0.7		1.5		X	01:45		06:00	02:00	mg/mL	0.09		0.11		
ampicillin	X		mg/kg	25		145		X	00:10		00:45	00:15	mg/mL	38		42		
ampicillin/sulbact	X		mg/kg	18		120		X		00:10	00:45	00:30	mg/mL	44		46		
azithromycin	X		mg/kg	5	12			X		00:50	01:30	01:00	mg/mL	1		3		
aztreonam	X		mg/kg	25		35		X		00:10	00:45	00:15	mg/mL	19		21		
bumetanide	X		mg/kg	0.005	0.05			X	00:05		02:00	00:10	mg/mL	0.124		0.126		
caffeine citrate Loading Dose	X		mg/kg	15	30			X		00:10	01:00	00:30	mg/mL	19		21		
caffeine citrate Maintenance Dose	X		mg/kg	4	15	20		X		00:10	01:30	00:30	mg/mL	19		21		
calcium gluconate	X		mg/kg	42		450		X	00:10	00:15	01:50	01:00	mg/mL	48		102	Calcium Precipitate	

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	
ceFAZolin	X		mg/kg	9	30			X		00:10	00:45	00:15	mg/mL	99		101		
cefePIME	X		mg/kg	20		60		X		00:10	00:45	00:30	mg/mL	19		21		
cefOXitin	X		mg/kg	20	52			X		00:10	00:45	00:30	mg/mL	39		41		
cefTAZidime	X		mg/kg	28	52			X		00:20	01:00	00:30	mg/mL	49		51		
cefTRIAxone	X		mg/kg	45		111		X		00:25	01:00	00:30	mg/mL	39		41		
chlorothiazide	X		mg/kg	4	11			X		00:04	00:20	00:05	mg/mL	25	26	30		
CLINDAmycin	X		mg/kg	4		10		X		00:25	01:00	00:30	mg/mL	9		11		
DIGoxin <i>Loading Dose</i>	X		mccg/kg	5	15			X	00:03		00:20	00:10	mccg/mL	9.5		21		
DIGoxin <i>Maintenance Dose</i>	X		mccg/kg	1	6			X		00:05	01:00	00:10	mccg/mL	9.5		21		
erythromycin	X		mg/kg	5		12		X	00:30	00:55	01:15	01:00	mg/mL	4.5		5.5		
famotidine	X		mg/kg	0.2	0.6			X		00:03	00:10	00:05	mg/mL		0.9	1.1		
fentanyl bolus <i>10 mcg/1 mL</i>	X		mccg/kg	0.25		4.5		X	00:03		00:30	00:10	mccg/mL	9		11	Fentanyl premixed sy	
fentanyl bolus <i>100 mcg/2 mL Vial</i>	X		mccg/kg	0.25		4.5		X	00:03		01:00	00:10	mccg/mL	49		51	Fentanyl NICU vial	
fentanyl bolus <i>2 mcg/1 mL</i>	X		mccg/kg	0.25		4.5		X	00:03		00:30	00:10	mccg/mL	1.8		2.2	Fentanyl premixed sy	
fluCONazole	X		mg/kg	2		14		X	00:20		01:30	00:30	mg/mL	1.9		2.1		
fosphenytoin	X		mg/kg	2	11.5	29		X		00:05	01:00	00:15	mg/mL	9		11		
FUROsemide 1 mg/mL	X		mg/kg	0.3	2.5			X		00:05	01:00	00:30	mg/mL	0.9		1.1		
FUROsemide 10 mg/mL	X		mg/kg	0.3	2.5			X		00:05	01:00	00:30	mg/mL	9		11		
GANciclovir	X		mg/kg	4		8		X	00:45		01:30	01:00	mg/mL	9.9		10.1		
gentamicin	X		mg/kg	2		8		X		00:25	01:00	00:30	mg/mL	1.9		2.1		
hydroCORTisone	X		mg/kg	0.1	5			X		00:25	01:00	00:30	mg/mL	0.9		1.1		
indomethacin	X		mg/kg	0.05	0.3			X	00:25	00:27	01:00	00:30	mg/mL	0.09		0.11		

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
levETIRAcetam	X		mg/kg	9	75			X		00:12	00:20	00:15	mg/mL	9		11		
levothyroxine NICU	X		mcg/kg	4.5	8.5			X		00:02	00:05	00:02	mcg/mL		19	21		
meropenem	X		mg/kg	15		45		X		00:25	01:00	00:30	mg/mL	9		11		
metoCLOPramide	X		mg/kg	0.02	0.12	0.2		X		00:03	00:30	00:10	mg/mL	0.4		0.6		
metronIDAZOLE	X		mg/kg	6.5		18		X		00:25	00:35	00:30	mg/mL	4.9		5.1		
midazolam BOLUS <i>0.1 mg/mL</i>	X		mg/kg	0.03		0.17		X	00:04		00:20	00:05	mg/mL	0.05		0.2	Midazolam 0.1 mg/mL	
midazolam BOLUS <i>1 mg/mL</i>	X		mg/kg	0.03		0.17		X	00:04		00:20	00:05	mg/mL	0.5		2	Midazolam 1 mg/mL	
morphine bolus <i>Morphine 0.1 mg/1 mL</i>	X		mg/kg	0.04	2.5			X		00:05	00:15	00:10	mg/mL	0.09		0.11	Morphine premixed sy	
morphine bolus <i>Morphine 1 mg/mL amp</i>	X		mg/kg	0.04		2.5		X	00:05		00:30	00:15	mg/mL	0.9		1.1	Morphine NICU AMP	
nafcillin	X		mg/kg	23		55		X		00:25	00:45	00:30	mg/mL	39		41		
Octreotide bolus	X		mcg/kg	1		10		X	00:05		00:30	00:10	mcg/mL	9		11		
Penicillin G	X		unit/kg	25	140			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		X		00:10	00:30	00:15	mg/mL	5		30		
PHENobarbital <i>Maintenance Dose</i>	X		mg/kg	2	5	22		X		00:10	00:30	00:10	mg/mL	5		30		
piperacillin/tazo	X		mg/kg	48	120	150		X		00:25	01:00	00:30	mg/mL	43		47		
rifampin	X		mg/kg	4	12.5	15		X	00:20	00:25	03:00	00:30	mg/mL	5		7		
sodium bicarbonate	X		mEq/kg	0.8	3			X		00:15	03:00		mEq/m L	0.4		0.6		
TMP-SMX	X		mg/kg	2		12		X	00:45		01:30	01:00	mg/mL	0.5		1.1		
TOBRAMycin	X		mg/kg	2		7		X		00:25	01:00	00:30	mg/mL	1.9		2.1		
VANCOmycin	X		mg/kg	9		22		X		00:55	02:00	01:00	mg/mL	4.5		5.5		
zidovudine	X		mg/kg	1	3.5	4		X	00:40	00:50	03:00	01:00	mg/mL	3.8		5.2		

2.6.6 Fluids

Fluids - NICU							Clinical Ads. Name
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			
		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	
..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	

Fluids - NICU							Clinical Ads. Name
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			
		P	S	Soft Min	Soft Max	Hard Max	
Dextrose 15% Greater than 4 kg	No	X	X	0.1	50	83	
TPN Less than 1 kg	No	X	X	0.1	6	8	
TPN 1 - 1.99 kg	No	X	X	0.1	12.5	17	
TPN 2 - 2.99 kg	No	X	X	0.1	19	25	
TPN 3 - 4 kg	No	X	X	0.1	25	33	
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									

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	
argatroban <i>.Standard Dosing</i> 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	
argatroban <i>Hepatic Dose</i> 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 <i>.Standard Dosing</i> 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 <i>Renal Dose</i> 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 12.5 mg / 50 mL (0.25 mg / mL) 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									
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		0.4										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		

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	
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 continous AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	1	80	160										
FUROSemide continous 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/Glassia 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	3,000	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	4,800		1,000		10,000		1,000		1,600	1,600	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	
heparin <i>DVT/PE</i> 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 <i>Stroke</i> 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 X		YES	Continuous mg/h	0.5	5											2nd RN to verify
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	600											Filter1.2/hypersens
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	0.2	25	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous <i>Non-anesthesia</i> 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X		YES	Continuous mg/kg/h	0.05	0.2											
mirvetuximab soravta --- mg / --- mL	X		YES	Continuous mg/min	0.5	5	5.2	1									Filter/hypersen/ D5W
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 / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h	0.064	3.9											

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	
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 900 mg / 250 mL (3.6 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 0.2 Micron	
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Subsequent - 3.5 hr 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab Subsequent -2 hr 600 mg / 500 mL (1.2 mg / mL)	X		n/a	Continuous mg/h	60		360	120								Filter 0.2 Micron	
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	200		50	25	175			12	25		12.5	
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 X		n/a	Continuous mg/h	25		800									Hypersensitivity	
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		n/a	Continuous mg/h	7	9		8									
patisiran 30 mg / 200 mL (0.15 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/min	0.045	0.45										1.2 micron filter	
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	
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4								Proteinase rate note	

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	
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									
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	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

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
daratumumab 90 min WeightBased	X		mg/mL		1	6.4
elotuzumab WeightBased	X		mg/mL		1.3	10
Flebogamma 10% WeightBased	X		mg/mL	99		101
FUROSemide continous AIR NonWeightBased	X		mg/mL		0.5	11
FUROSemide continous 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 Non-anesthesia WeightBased	X		mg/mL	0.4	0.5	2
mirvetuximab soravta NonWeightBased	X		mg/mL	0.9	1	2
morphine NonWeightBased	X		mg/mL	0.9	1	1.5

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
naloxone NonWeightBased	X		mg/mL	0.001		0.008
octreotide NonWeightBased	X		mcg/mL	1		6
patisiran NonWeightBased	X		mg/mL		0.045	0.15
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
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	0.2	25	75									

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
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	5	30										
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.1	1										

2.7.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL		0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL		0.8	1.2

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	
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Low sorb and filter
Abraxane	X	X	mg/m2	80	260		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		5	5.1	Irritant
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	0.14	0.16		--- 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

Intermittent Drugs - Oncology

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	
acetylcysteine <i>Third Dose</i>	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 <i>First Dose</i>	X	X	mg/kg	2		4	--- mg / --- mL	X		01:20		02:00	01:30	mg/mL	0.4		1.75	Irritant Low-Sorbing
ADO-trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	2		4	--- mg / --- mL	X		00:25		02:00	00:30	mg/mL	0.4		1.75	Irritant Low-Sorbing
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	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		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	30	35	--- 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	
amivantamab <i>Week 1 Day 1</i>	X	X	mg	340	360		350 mg / 250 mL (1.4 mg / mL)	X			02:30	10:00	05:00	n/a				Filter 0.2 Micron
amivantamab <i>Week 1 Day 2</i>	X	X	mg	650	1,410		700 mg / 250 mL (2.8 mg / mL)	X			02:30	10:00	05:00	n/a				Filter 0.2 Micron
							1,050 mg / 250 mL (4.2 mg / mL)	X			04:30	14:00	08:00	n/a				
							1,400 mg / 250 mL (5.6 mg / mL)	X			04:30	16:00	10:00	n/a				
amivantamab <i>Week 2</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			02:30	06:00	03:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			03:30	08:00	04:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			03:30	08:00	04:00	n/a				
amivantamab <i>Week 3</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			02:30	06:00	03:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			02:30	06:00	03:00	n/a				
amivantamab <i>Week 4</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a				
amivantamab <i>Week Subsequent</i>	X	X	mg	1,040	2,110		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a				
							2,100 mg / 250 mL (8.4 mg / mL)	X			01:30	04:00	02:00	n/a				
ampho B <i>(LIPOSOMAL)</i>	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

Intermittent Drugs - Oncology

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>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	
anakinra	X	X	mg	90	210		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		1	5	Light -drug/tubing
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 <i>First Dose</i>	X	X	mg	830		1,690	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				
							1,680 mg / 250 mL (6.72 mg / mL)	X		00:25		01:20	01:00	n/a				
Atezolizumab <i>Subsequent Doses</i>	X	X	mg	830		1,690	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				
							1,680 mg / 250 mL (6.72 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	
avelumab	X	X	mg	795	805		800 mg / 250 mL (3.2 mg / mL)	X			00:55	02:00	01:00	n/a				filter low-sorbing
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	

Intermittent Drugs - Oncology

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	
belantamab mafodotin	X	X	mg/kg	1.7	2.7		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		0.2	2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low-sorbing filter
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
bendamustine HCl <i>Bendeka</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:08	01:00	00:10	mg/mL		1	6	Irritant
bendamustine HCl <i>Treanda</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	0.6	Irritant
Bevacizumab FIRST	X		mg/kg	5	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		1	25	
bevacizumab subseque <i>10 mg/kg doses</i>	X	X	mg/kg	9	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque <i>15 mg/kg doses</i>	X	X	mg/kg	14	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque <i>5 mg/kg doses</i>	X	X	mg/kg	4.5		8	--- mg / --- mL	X			00:09	01:00	00:15	mg/mL		1	25	
bevacizumab subseque <i>7.5 mg/kg doses</i>	X	X	mg/kg	7		8.5	--- mg / --- mL	X			00:12	01:00	00:15	mg/mL	1		25	
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron
bleomycin	X	X	unit/m2	9	30		--- unit / --- mL	X			00:05	01:00	00:15	unit/mL		0.1	3	Irritant
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
							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	Low-Sorbing
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				
							1,000 mg / 100 mL (10 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	Irritant

Intermittent Drugs - Oncology

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	
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	Irritant
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				
							2 gram / 100 mL (0.02 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				
							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
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
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				

Intermittent Drugs - Oncology

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	
cemiplimab-rwlc	X	X	mg	150	400		350 mg / 100 mL (3.5 mg / mL)	X		00:25		02:00	00:30	n/a				Filter 0.2 Micron
cetuximab <i>Loading Dose</i>	X	X	mg/m2	350	550		--- mg / --- mL	X		01:45		04:00	02:00	mg/mL		1.5	3	Filter 0.2 Micron
cetuximab <i>Maintenance Dose</i>	X	X	mg/m2	200	350		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.5	3	Filter 0.2 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 <i>30 minute infusion</i>	X	X	mg/m2	18	32		--- mg / --- mL	X			00:20	06:00	00:30	mg/mL	0.04	0.06	0.5	Irritant
CISplatin <i>60 minute infusion</i>	X	X	mg/m2	18	105		--- mg / --- mL	X			00:45	06:00	01:00	mg/mL	0.03	0.04	0.6	Irritant
cixutumumab	X	X	mg/kg	9	11		--- mg / --- mL	X		00:50		02:30	01:00	mg/mL		1.9	6	Filter 0.2 Micron
cladribine <i>120 minute infusion</i>	X	X	mg/kg	0.1	0.19		--- mg / --- mL	X			02:00	02:30	02:00	mg/mL	0.007		0.24	Irritant
cladribine <i>24 hour Infusion</i>	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	Irritant
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				
							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	
crizanlizumab	X		mg/kg	4.5	5.5		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		1.75	9.6	Filter 0.2 Micron
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X			02:30	05:00	03:00	n/a				
							--- mg / --- mL	X			02:30	05:00	03:00	mg/mL	0.002	0.004	0.05	
cycloPHOSphamide	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:15		01:30	00:20	mg/mL		1	20	Irritant

Intermittent Drugs - Oncology

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	
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	Irritant and light
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:20	01:00	00:30	mg/mL		1	5		
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
Daratumumab <i>First Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30	04:00	21:00	20:00	mg/mL		0.5	2	Filter 0.2 Micron
Daratumumab <i>Second Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30		12:00	10:00	mg/mL		0.5	4	Filter 0.2 Micron
Daratumumab <i>Subsequent Doses</i>	X	X	mg/kg	14	17		--- mg / --- mL	X		01:30		06:00		mg/mL		1.6	4	Filter 0.2 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	mccg/kg	9	18		--- mccg / --- mL	X			00:30	01:30	01:00	mccg/mL	15		30	
desmopressin	X	X	mccg/kg	0.25	0.35		--- mccg / --- mL	X			00:15	01:00	00:30	mccg/mL		0.01	4	
dexAMETHasone	X	X	mg	4	40		10 mg / 50 mL (0.2 mg / mL)	X		00:10	00:30	00:15	n/a					
							20 mg / 50 mL (0.4 mg / mL)	X		00:10	00:30	00:15	n/a					
							40 mg / 50 mL (0.8 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 cardio	X	X	mg/m2	100	775		--- mg / --- mL	X			00:10	01:00		mg/mL		1.3	3	dexRAZOxane cardio
dexRAZOxane extravas <2 m2	X	X	mg/m2	225	1,025		--- mg / --- mL	X			00:30	01:30	01:01	mg/mL		1.3	3	dexRAZOxane extravas
dexRAZOxane extravas >=2 m2	X	X	mg	495	2,005		500 mg / 1,000 mL (0.5 mg / mL)	X		00:30	01:30	01:01	n/a					
							1,000 mg / 1,000 mL (1 mg / mL)	X		00:30	01:30	01:01	n/a					
							2,000 mg / 1,000 mL (2 mg / mL)	X		00:30	01:30	01:01	n/a					
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
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	Irritant and DEHP
dolasetron	X	X	mg	12.5	100		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	2	

Intermittent Drugs - Oncology

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	
dostarlimab	X	X	mg	490	1,010		500 mg / 110 mL (4.5455 mg / mL) 1,000 mg / 120 mL (8.3333 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.2 Micron
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	Irritant, dextrose
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL) --- mg / --- mL	X			00:45	04:00	01:00	n/a				
durvalumab	X	X	mg	1,450	1,550		1,500 mg / 100 mL (15 mg / mL)	X			00:50	02:00	01:00	n/a				Filter 0.2 Micron
durvalumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	15	Filter 0.2 Micron
Eculizumab							300 mg / 60 mL (5 mg / mL) 600 mg / 120 mL (5 mg / mL) 900 mg / 180 mL (5 mg / mL) 1,200 mg / 240 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
efgartigimod alfa <i>Less than 120 kg</i>	X		mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	2	2.5	9.6	Filter and light
efgartigimod alfa <i>120 kg and up</i>	X		mg	1,150	1,250		1,200 mg / 125 mL (9.6 mg / mL)	X			00:40	02:00	01:00	n/a				Filter and light
enfortumab vedotin	X	X	mg/kg	0.5	1.25		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.3	4	Irritant
EPOCH	X	X	mg/m2	50	125		--- mg / --- mL	X			22:00	25:00	24:00	mg/mL		0.01	0.25	EPOCH
eptinezumab	X		mg	95	305		100 mg / 100 mL (1 mg / mL) 200 mg / 100 mL (2 mg / mL) 300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				Filter 0.2 Micron
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL) 1 gram / 100 mL (0.01 gram / mL) --- gram / --- mL	X			00:25	02:00	00:30	n/a				
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL) 500 mg / 100 mL (5 mg / mL) --- mg / --- mL	X			00:30	01:30	01:00	n/a				
etoposide	X	X	mg/m2	35	200		--- mg / --- mL	X			00:30	02:00	01:00	mg/mL		1	5	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
fam-trastuzumab deru <i>First Dose</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			01:15	03:00	01:30	mg/mL		1	10	fam-trastuzumab deru
fam-trastuzumab deru <i>Subsequent Doses</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	10	fam-trastuzumab deru

Intermittent Drugs - Oncology

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	
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	
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	
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	
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	1.8	6.3		--- mg / --- mL	X	X		01:45	04:00	02:00	mg/mL		0.075	0.234	
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	
glofitamab Cycle 1	X	X	mg	2.5	10		2.5 mg / 25 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a				
							10 mg / 100 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a				
glofitamab Cycle 2	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			03:30	08:00	04:00	n/a				
glofitamab Cycle 3-12	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			01:30	04:00	02:00	n/a				

Intermittent Drugs - Oncology

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	
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-sorbing filter
granisetron	X	X	mg	0.1	1.1		1 mg / 50 mL (0.02 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.002	0.2	
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	Filter 0.2 Micron
IOSfamide	X	X	mg/m2	500	5,000		--- mg / --- mL	X		00:30		24:00		mg/mL		0.6	20	Irritant
IOSfamide-MESNA	X	X	mg/m2	500	5,500		--- mg / --- mL	X		00:30		25:00		mg/mL		2	29	Irritant
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	
inotuzumab	X	X	mg/m2	0.4	1.4		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.01	0.07	inotuzumab
IPILImumab	X	X	mg/kg	0.8	3.2		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		1	2	Filter 0.2 Micron
IRINotecan <i>30 minute infusion</i>	X	X	mg/m2	40	200		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.12	1.2	Irritant
IRINotecan <i>60 minute infusion</i>	X	X	mg/m2	60	350		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.12	2.8	Irritant
IRINotecan <i>90 minute infusion</i>	X	X	mg/m2	60	350		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL		0.12	2.8	Irritant
IRINotecan liposomal	X	X	mg/m2	45	80		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL	0.12		2.8	
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				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
isatuximab-irfc <i>First Dose</i>	X		mg/kg	9	11		--- mg / --- mL	X			01:30	10:00	10:00	mg/mL		1.6	8	Filter/hypersensitivity
isatuximab-irfc <i>Second Dose</i>	X		mg/kg	9	11		--- mg / --- mL	X			01:00	06:00	05:00	mg/mL		1.6	8	Filter/hypersensitivity
isatuximab-irfc <i>Subsequent Doses</i>	X		mg/kg	9	11		--- mg / --- mL	X			01:00	04:00	01:15	mg/mL		1.6	8	Filter/hypersensitivity

Intermittent Drugs - Oncology

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					
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			
ketamine Intermittent	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
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	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							
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								
turbinectin	X	X	mg/m2	1.9	3.3		---	mg / --- mL	X			00:50	02:00	01:00	mg/mL		0.005	0.04	Vesicant			
magnesium sulfate	X	X	gram	0.5	10	11	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	02:00	n/a								
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	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							
margetuximab Initial Dose	X	X	mg/kg	13	17		---	mg / --- mL	X			01:30	04:00	02:00	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron			
margetuximab Subsequent Doses	X	X	mg/kg	13	17		---	mg / --- mL	X			00:20	02:00	00:30	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron			
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 <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	
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 <i>Standard Dosing</i>	X	X	mg/m2	20	300		--- mg / --- mL	X			00:15	12:00		mg/mL		0.1	25	
methoTrexate <i>High Dose - GRAMS</i>	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	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	Irritant
mogamulizumab	X		mg/kg	0.8	1.2		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.1	3	Filter/hypersensitiv
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	
nafcillin	X	X	gram	0.2	6		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				
							6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	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				
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				
							360 mg / 100 mL (3.6 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	Filter 0.2 Micron
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

Intermittent Drugs - Oncology

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		
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				
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 <i>1 hour infusion</i>	X	X	mg/m2	25	100		---	mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.3	1.2	Paclitaxel
PACLitaxel <i>3 hour infusion</i>	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 <i>First Dose</i>	X	X	mg/kg	3	9		200 mg / 100 mL (2 mg / mL)		X		00:25	01:30	00:30	n/a					filter low-sorbing
							---	mg / --- mL		X		00:50	01:30	01:00	mg/mL		5	10	
panitumumab <i>Subsequent Doses</i>	X	X	mg/kg	3	9		200 mg / 100 mL (2 mg / mL)		X		00:20	01:30	00:30	n/a					filter low-sorbing
							---	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		420	200 mg / 100 mL (2 mg / mL)		X		00:20	01:00	00:30	n/a					Filter 0.2 Micron
							400 mg / 100 mL (4 mg / mL)		X		00:20	01:00	00:30	n/a					
Pembrolizumab	X	X	mg/kg	1.75	2.25		---	mg / --- mL	X			00:20	01:00	00:30	mg/mL	1		10	Filter 0.2 Micron
PEMEtrexed	X	X	mg/m2	375	500		---	mg / --- mL	X		00:08		00:15	00:10	mg/mL		3	13	
pemivibart	X	X	mg	4,400	4,600		4,500 mg / 50 mL (90 mg / mL)		X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
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				

Intermittent Drugs - Oncology

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	
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				
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 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	gram/mL		0.01	0.07	
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07	
polatumumab vedotin <i>First Dose</i>	X	X	mg/kg	1.4	1.8		--- mg / --- mL	X		00:25		01:50	01:30	mg/mL		0.72	2.7	
polatumumab vedotin <i>Subsequent Doses</i>	X	X	mg/kg	1.4	1.8		--- mg / --- mL	X		00:25		01:50	00:30	mg/mL		0.72	2.7	
potassium acetate <i>Central</i>	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 <i>Peripheral</i>	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 <i>Central</i>	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 chloride <i>Peripheral</i>	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		00:50	01:00	04:00	mEq/mL	0.05		0.2		
potassium PHOSphate <i>Central</i>	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				

Intermittent Drugs - Oncology

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
potassium PHOSphate <i>Peripheral</i>	X	X	mmol	10	30		--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
							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		
promethazine	X	X	mg	10	50		12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a				
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a				
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a				
							--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1	
Ramucirumab <i>First Dose</i>	X	X	mg/kg	7	11		--- mg / --- mL	X		00:50		03:00	01:00	mg/mL	1.5		4	Filter 0.2 Micron
Ramucirumab <i>Subsequent Doses</i>	X	X	mg/kg	7	11		--- mg / --- mL	X		00:20		03:00	00:30	mg/mL	1.5		4	
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				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.025		0.285	Saline only
ravulizumab-cwvz <i>Loading Dose</i>	X		mg	2,350	3,050		2,400 mg / 48 mL (50 mg / mL)	X			00:40	02:00	00:50	n/a				
							2,700 mg / 54 mL (50 mg / mL)	X			00:30	02:00	00:40	n/a				
							3,000 mg / 60 mL (50 mg / mL)	X			00:15	01:00	00:25	n/a				
ravulizumab-cwvz <i>Maintenance Dose</i>	X		mg	2,950	3,650		3,000 mg / 60 mL (50 mg / mL)	X			00:45	02:00	00:55	n/a				
							3,300 mg / 66 mL (50 mg / mL)	X			00:30	02:00	00:45	n/a				
							3,600 mg / 72 mL (50 mg / mL)	X			00:20	01:00	00:30	n/a				
relatlimab-nivolumab	X		mg	470	490		480 mg / 100 mL (4.8 mg / mL)	X			00:20	01:00	00:30	n/a				relatlimab-nivolumab
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	
risankizumab	X	X	mg	595	605		600 mg / 100 mL (6 mg / mL)	X			00:40	02:00	01:00	n/a				Protect From Light
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	
sacituzumab govtecan <i>First Dose</i>	X	X	mg/kg	4	11		--- mg / --- mL	X			01:00	04:00	03:00	mg/mL	1		3.5	
sacituzumab govtecan <i>Subsequent Doses</i>	X	X	mg/kg	4	11		--- mg / --- mL	X			00:40	03:00	01:00	mg/mL	1		3.5	
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 bicarbonate	X	X	mEq	45	155		50 mEq / 50 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							100 mEq / 100 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							150 mEq / 150 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				

Intermittent Drugs - Oncology

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						
sodium phosphate	X	X	mmol	10	60								n/a											
																		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00
sodium thiosulfate	X	X	gram	12.5	50								n/a											
																		12.5 gram / 200 mL (0.0625 gram / mL)	X		00:30	05:00		
																		25 gram / 200 mL (0.125 gram / mL)	X		00:30	05:00		
spesolimab	X	X	mg	895	905								n/a											
																		900 mg / 100 mL (9 mg / mL)	X		01:00	03:00	01:30	
STREPTOzocin	X	X	mg/m2	400		1,500																		
tafasitamab <i>First Dose</i>	X		mg/kg	10	14																			
tafasitamab <i>Subsequent Doses</i>	X	X	mg/kg	10	14																			
tagraxofusp-erz	X		mcg/kg	11	13																			
temSIRolimus	X	X	mg	15	25																			
teprotumumab	X	X	mg/kg	9.5	20.5																			
Thiamine	X	X	mg	25	501								n/a											
																			200 mg / 50 mL (4 mg / mL)	X		00:15	01:00	00:30
																			300 mg / 50 mL (6 mg / mL)	X		00:15	01:00	00:30
																			500 mg / 50 mL (10 mg / mL)	X		00:25	01:00	00:30
tigeCYCLINE	X	X	mg	25	100								n/a											
																			50 mg / 50 mL (1 mg / mL)	X		00:25	01:00	00:30
																			100 mg / 100 mL (1 mg / mL)	X		00:25	01:00	00:30
TOBRAmycin <i>Dose =< 300 mg</i>	X	X	mg	40	300								n/a											
																			80 mg / 100 mL (0.8 mg / mL)	X		00:25	01:00	00:30
TOBRAmycin <i>Dose > 300 mg</i>	X	X	mg	300	840								n/a											
																			---	X		00:25	01:00	00:30
Tocilizumab	X	X	mg	199		801																		
topoTECAN	X	X	mg/m2	0.4	4.2																			
toripalimab <i>First Dose</i>	X	X	mg	100	500								n/a											
																			240 mg / 100 mL (2.4 mg / mL)	X		00:40	02:00	01:00
toripalimab <i>Subsequent Doses</i>	X	X	mg	100	500								n/a											
																			---	X		00:20	01:00	00:30
Trabectedin	X	X	mg/m2	0.8		1.8																		
trastuzumab <i>Loading Dose</i>	X		mg/kg	4	8.5																			

Intermittent Drugs - Oncology

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	
trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	1.9	6.5		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		0.4	5	
tremelimumab	X	X	mg	70	305		75 mg / 100 mL (0.75 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
							300 mg / 100 mL (3 mg / mL)	X			00:40	02:00	01:00	n/a				
trilaciclib	X	X	mg/m2	210	270		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		0.5	3	Filter 0.2 Micron
ustekinumab	X	X	mg	250	530		260 mg / 250 mL (1.04 mg / mL)	X			00:45	02:00	01:00	n/a				
							390 mg / 250 mL (1.56 mg / mL)	X			00:45	02:00	01:00	n/a				
							520 mg / 250 mL (2.08 mg / mL)	X			00:45	02:00	01:00	n/a				
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOMycin <i>.Wausau</i>	X	X	mg	125	2,500		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 / 200 mL (5 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			01:30	03:00	02:00	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7								
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		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 / 500 mL (3 mg / mL)	X			02:00	03:30	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7								
Vedolizumab	X	X	mg	299	301		300 mg / 250 mL (1.2 mg / mL)	X			00:25	01:30	00:30	n/a				
vinBLASline	X	X	mg/m2	2	10		--- mg / --- mL	X		00:03		00:12	00:05	mg/mL	0.156		0.62	Vesicant
vinCRISline <i>24 hour Infusion</i>	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
vinCRISline <i>IVPB < 10 minutes</i>	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				

Intermittent Drugs - Oncology

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	
--- mg / --- mL							X			01:45	04:00		mg/mL	0.4		6		
Vyxeos	X	X	mg/m2	20	50		---			01:20	02:00	01:30	mg/mL		0.05	0.25	Irritant	
zidovudine	X	X	mg/kg	1	2		---			00:50	01:30	01:00	mg/mL		1	4		
Ziv-aflibercept	X	X	mg/kg	3.5	4.5		---		00:45		01:15	01:00	mg/mL	0.6		8	Low-Sorbing	
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				
---							---	X		00:15		02:00	00:15	mg/mL		0.03	0.05	

2.7.6 Fluids

Fluids - Oncology							
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	500		
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	

Fluids - Oncology							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.7.7 PCA Drugs

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations:					
fentaNYL	600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	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)					
HYDROmorphine						
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:
PCA Dose	n/a	0.1	0.6		0.2	No
Continuous Dose / h	n/a	0.1	0.4			Dosing Units mg
Bolus Dose	n/a	0.1	0.3		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	1	6			2nd RN to verify

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:
PCA Dose	n/a	0.1	1			No
Continuous Dose / h	n/a	0.2	4			Dosing Units 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 - 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
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

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
Continuous Dose / h	n/a	0.5	30			mg
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

2.8 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		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		YES	Continuous mg/kg/h	25	250	480	25									
propofol 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X		n/a	Continuous mcg/kg/min	25	150	200									12 Hour Tubing	
zz DOBUTamine 500 mg / 250 mL (2 mg / mL)	X		n/a	Continuous mcg/kg/min	2	20										Code only drugs	
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		n/a	Continuous mcg/kg/min	2	20	50									Code only drugs	
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.02	1										Code only drugs	
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		n/a	Continuous mcg/kg/min	0.02	2										Code only drugs	

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 <i>Non-anesthesia</i> 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 <i>Anesthesia only</i> 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							

2.8.4 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 <i>pt weight < 50kg</i>	X	X	mg/kg	10			17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		
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 <i>pt weight < 40kg</i>	X	X	mg/kg	4	6		--- mg / --- mL	X			00:10	01:00		mg/mL	95		105		
acetaZOLAMIDE <i>pt weight >= 40kg</i>	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	Filter 0.2 Micron	
albumin 25% <i>pt weight < 40kg</i>	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% <i>pt weight >= 40kg</i>	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		

Intermittent Drugs - Pediatrics

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	
ampho 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 <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/mL		0.005	0.1	
ampicillin/sulbactam <i>pt weight < 40kg</i>	X	X	mg/kg	40	67.75	70	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		25	35	
ampicillin/sulbactam <i>pt weight >= 40kg</i>	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 <i>pt weight < 50kg</i>	X	X	mg/kg	5	12		--- mg / --- mL	X		01:00	01:30	03:00	02:00	mg/mL		0.9	2.2	
azithromycin <i>pt weight >= 50kg</i>	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 <i>pt weight < 60kg</i>	X	X	mg/kg	25	35	37	--- mg / --- mL	X	X	00:10	00:15	02:00	00:30	mg/mL		5	30	
aztreonam <i>pt weight >= 60kg</i>	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 <i>pt weight < 40kg</i>	X	X	mg	100	500	1,000	--- mg / --- mL	X		00:15		01:30	01:00	mg/mL		4	20	
calcium gluconate <i>pt weight >= 40kg</i>	X	X	mg	500	2,000	3,000	--- mg / --- mL	X	X	00:15		06:00	01:00	mg/mL		10	51	
caspoFUNGIN <i>pt weight < 60kg</i>	X	X	mg/kg	1	2		--- mg / --- mL	X	X	00:40	00:50	03:00		mg/mL		0.05	0.55	
caspoFUNGIN <i>pt weight >= 60kg</i>	X	X	mg	50	90		--- mg / --- mL	X	X	00:40	00:50	03:00		mg/mL		0.05	0.55	
ceFAZolin <i>pt weight < 60kg</i>	X	X	mg/kg	9	33		--- mg / --- mL	X	X		00:20	01:00	00:30	mg/mL		10	30	
ceFAZolin <i>pt weight >= 60kg</i>	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 <i>pt weight < 40kg</i>	X	X	mg/kg	38	52.5	60	--- mg / --- mL	X	X		00:20	02:00	00:30	mg/mL		10	100	
cefePIME <i>pt weight >= 40kg</i>	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	

Intermittent Drugs - Pediatrics

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						
cefOXitin <i>pt weight < 50kg</i>	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 <i>pt weight >= 50kg</i>	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 <i>pt weight < 40kg</i>	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 <i>pt weight >= 40kg</i>	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 <i>pt weight < 40kg</i>	X	X	gram/kg	0.02	0.05		---	gram / --- mL	X			00:20	01:30	00:30	gram/mL		0.001	0.02						
cefTRIAxone <i>pt weight >= 40kg</i>	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						
cefTRIAxone Syringe	X		mg/kg	10		111	---	mg / --- mL		X		00:20	01:30	00:30	mg/mL		30	50						
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					
CIPROfloxacin <i>pt weight < 30kg</i>	X	X	mg/kg	5	13.8	15	---	mg / --- mL	X		00:45		02:00	01:00	mg/mL		1	3						
CIPROfloxacin <i>pt weight >= 30kg</i>	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 <i>pt weight < 60kg</i>	X	X	mg/kg	5	10	14	---	mg / --- mL	X	X	00:15		01:00	00:30	mg/mL		3	19						
CLINDAmycin <i>pt weight >= 60kg</i>	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 <i>pt age <= 13 years</i>	X	X	mg/kg	10	15		---	mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25						
ertapenem <i>pt age >= 13 years</i>	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						

Intermittent Drugs - Pediatrics

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	
fluCONazole <i>pt weight < 60kg</i>	X	X	mg/kg	3	12		--- mg / --- mL	X		00:55		03:00		mg/mL	1.9		2.1	
fluCONazole <i>pt weight >= 60kg</i>	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 <i>pt weight < 40kg</i>	X	X	mg/kg	5	25		--- mg / --- mL	X		00:25	01:00	00:30	mg/mL		5	25		
imipenem/cilastatin <i>pt weight >= 40kg</i>	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					
							--- 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 <i>pt weight < 50kg</i>	X	X	mg/kg	4	10		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		2.5	6	
levoFLOXacin <i>pt weight >= 50kg</i>	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 <i>pt weight < 60kg</i>	X	X	mg/kg	4	11		--- mg / --- mL	X	X	00:45		02:00	01:00	mg/mL		1	3	
linezolid <i>pt weight >= 60kg</i>	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	
magnesium sulfate	X	X	gram/kg	0.025	0.05		1 gram / 100 mL (0.01 gram / mL)	X		00:50	02:30		n/a					
							2 gram / 100 mL (0.02 gram / mL)	X		00:50	02:30		n/a					
							--- gram / --- mL	X		00:50	04:00		gram/mL		0.005	0.03		

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	
meropenem <i>pt weight < 50kg</i>	X	X	mg/kg	6.8	44		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		5	55	
meropenem <i>pt weight >= 50kg</i>	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 <i>pt weight < 40kg</i>	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 <i>pt weight >= 40kg</i>	X	X	mg	40	150		--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		0.4	1.7	
nafcillin <i>pt weight < 40kg</i>	X	X	mg/kg	20	52		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		10	40	
nafcillin <i>pt weight >= 40kg</i>	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	
pentamidine	X	X	mg/kg	3.8	4.2		--- mg / --- mL	X			00:50	03:30	01:00	mg/mL		0.08	1	
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
piperacillin/tazo <i>pt weight < 30kg</i>	X	X	gram/kg	0.03	0.115		--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.02	0.085	
piperacillin/tazo <i>pt weight >= 30kg</i>	X	X	gram	2	3.4		3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 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	
potassium chloride	X	X	mEq/kg	0.4	2		10 mEq / 100 mL (0.1 mEq / mL)	X		00:50	01:00	04:00		n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:50	02:00	04:00		n/a				
							--- mEq / --- mL	X		00:50	01:20	06:00		mEq/mL		0.05	0.2	
procainamide	X	X	mg/kg	10	16	17	--- mg / --- mL	X		00:20	00:25	01:00	00:30	mg/mL	1	3	20	

Intermittent Drugs - Pediatrics

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	
remdesivir <i>pt weight < 40kg</i>	X	X	mg/kg	2.2	5.2		--- mg / --- mL	X			00:20	03:00		mg/mL		1.1	1.5	
remdesivir <i>pt weight >= 40kg</i>	X	X	mg	95	250		100 mg / 100 mL (1 mg / mL)	X			00:45	02:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:45	02:00	01:00	n/a				
rifampin <i>pt weight < 60kg</i>	X	X	mg/kg	4.3	23		--- mg / --- mL	X	X	00:20	00:25	03:00		mg/mL		2	7	
rifampin <i>pt weight >= 60kg</i>	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	
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

Fluid Name <i>Therapy</i>	Supports Secondary	Fluids - Pediatrics					Clinical Ads. Name
		Module		Rate Limits (mL/h)			
		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		
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		

Fluids - Pediatrics							Clinical Ads. Name
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			
		P	S	Soft Min	Soft Max	Hard Max	
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 Enforcement	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/Glassia 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. Infusion requires the use of an in-line 0.22 micron filter.
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 or PALS 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	IRRITANT. This is not to be used for short infusions. If this is a 2 hour infusion, select cytarabine IVPB.
cytarabine IVPB	IRRITANT. 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.
dexRAZOXane cardio	dexRAZOXane for the indication cardioprotection.
dexRAZOXane extravas	dexRAZOXane for the indication extravasation.
Dextrose only	Flush with D5W only: NO SALINE
DHEP and Lactate	IRRITANT. 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	IRRITANT. This is not to be used for short infusions. If this is a 1 hour infusion, select etoposide. Infuse through 0.2 micron filter and low-sorbing tubing.
Etoposide IVPB	IRRITANT. This selection is not to be used for continuous infusions. Select Etoposide CONT INFUS if this is a continuous infusion. Infuse through 0.2 micron filter and low-sorbing tubing.
fam-trastuzumab deru	Do not mix with sodium chloride solutions. Use low-sorbing tubing with 0.2 micron filter (paclitaxel tubing). Protect from light.
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 0.2 Micron	Infusion requires the use of an in-line 0.2 micron filter
Filter and light	Inline 0.2 micron filter required and protection from light.
filter low-sorbing	Infuse via a low-sorbing 0.2 micron filter
Filter/hypersen/D5W	Flush with D5W only, NO SALINE. Infusion requires use of a 0.2 micron in-line filter. Risk of hypersensitivity: check vital signs frequently during infuion.
Filter/hypersensitiv	Infusion requires the use of an in-line 0.2 micron filter. Risk of hypersensitivity: check vital signs frequently during infusion. 2nd RN to verify pump programming.
Filter1.2/hypersens	Infusion requires the use of a 1.2 micron in-line filter. Risk of hypersensitivity. Check vital signs frequently during infusion.

Clinical Advisories	
Advisory Name	Clinical Advisory Text
Flolan	The weight must be the dosing weight for this drug. Check the MAR for this weight. Infusion requires in-line 0.22 micron filter and protect from light. Dual sign-off required.
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 minimum of 8 hours.
Heparin	Monitor PTT. Do not administer other drugs through same IV line.
heparin flush bag	This heparin is for procedural use only.
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
inotuzumab	Protect from light. Monitor vital signs for first dose only.
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.
Irritant	Drug is an irritant.
Irritant and DEHP	Drug is an irritant. This medication must be infused using DEHP FREE tubing.
Irritant and light	Drug is an irritant. Protect this drug from light.
Irritant Low-Sorbing	Drug is an irritant. This medication must be infused using low-sorbing tubing.
Irritant, dextrose	Drug is an irritant. Flush with D5W only: NO SALINE.
KCL warning	20 mEq/50 mL is for central line administration only. Contact pharmacy for different concentration if only peripheral access site available
Light -drug/tubing	Protect drug and tubing from light.
Low sorb and filter	Use low-sorbing filter between 0.2 - 1.2 micron on infusion line.
Low-Sorbing	This medication must be infused using low-sorbing tubing.
Low-sorbing filter	Must be infused utilizing an in-line 0.2 micron low-sorbing 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.
Oxaliplatin	IRRITANT. Flush with 5%Dextrose solution only, incompatible with saline.
Paclitaxel	IRRITANT. Use low-sorbing 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 not be changed and the defaults will deliver dose over correct time.
procainamide Continu	This is used for continuous infusions (mg/min dosing). For short or 30 min infusions, select procainamide LOAD.
procainamide LOAD	This is for short or 30 min infusions. For continuous dosing (mg/min), select procainamide Continu.
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.

Clinical Advisories	
Advisory Name	Clinical Advisory Text
Proteinase rate note	4 mg/kg/min as a dose equals a rate of 0.08 mL/kg/min
relatlimab-nivolumab	Dose is mg of nivolumab.
Saline	1 unit=1 mL
Saline only	Incompatible with dextrose containing solutions. Use with saline solutions only.
Stress Test	For STRESS TEST only.
tagraxofusp	0.2 micron filter required. Monitor vitals prior to infusion. Notify provider if SBP 160 or greater, SBP 80 or less, HR 130 or greater, or HR 40 or less.
Tirofiban dosing	Bolus of 25 mcg/kg delivered over 3 minutes = 8.33 mcg/kg/min as the dose.
Treprostinil	The weight used must be the dosing weight for this drug. Check the MAR for the weight used with this drug. Infusion requires in-line 0.22 micron filter. Dual sign-off required.
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.