

Profile Report

RELEASED



Stepdown

1. Current Data Set Status

Data Set Name	VUMC 9.4 2013 O
Hospital Name	VUMC
Data Set ID	018d997b6-R
Data Set Status	Released
Last Changed On	3/18/2013 09:20
Filename	C:\Documents and Settings\Administrator\My Documents\Guardrails Editor\018d997b6-R.gre

2. Drug Library by Profile

2.1 Stepdown

2.1.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Stepdown																	
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	
abaciximab 7.2 mg / 250 mL (0.029 mg / mL)	X	--	n/a	Continuous mcg/min	9	11	--	--	--	--	--	--	--	--	--	--	--
amiodarone_drip .Standard 450 mg / 250 mL (1.8 mg / mL)	X	--	n/a	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	0.5	1	1.9	--	149	150	300	150	14.9	--	15	15	Peripheral Amio
amiodarone_drip Concentrated 900 mg / 250 mL (3.6 mg / mL)	X	--	n/a	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	0.5	1	1.9	--	149	150	300	150	14.9	--	15	15	Cent. line only
argatroban 1 mg / 1 mL (1 mg / mL)	X	--	n/a	Continuous mcg/kg/min	0.1	3	--	--	--	--	--	--	--	--	--	--	--
bivalirudin 250 mg / 50 mL (5 mg / mL)	X	--	n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/min	0.1	0.5	--	0.25	0.1	0.2	--	--	1	100	--	--	--
bumetanide 20 mg / 80 mL (0.25 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	2	--	--	0.1	1	--	--	0.1	1	--	--	--

Continuous/Bolus - Non-Anesthesia Drugs - Stepdown																	
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	
conivaptan 20 mg / 100 mL (0.2 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.8	1.7	--	--	10	20	--	20	0.3	0.67	--	0.66	--
cycloSPORINE --- mg / --- mL	X	--	NO	Continuous mg/h	1	50	--	--	--	--	--	--	--	--	--	--	adsorbs to tubing
diltiazem 100 mg / 100 mL (1 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	2.5	15	--	--	10	25	--	--	5	10	--	--	--
DOBUTamine 250 mg / 250 mL (1 mg / mL) 1,000 mg / 250 mL (4 mg / mL)	X X	-- --	n/a	Continuous mcg/kg/min	0.5	20	--	--	--	--	--	--	--	--	--	--	--
DOPamine .Standard 400 mg / 250 mL (1.6 mg / mL)	X	--	n/a	Continuous mcg/kg/min	1	15	--	--	--	--	--	--	--	--	--	--	--
DOPamine Concentrated 1,600 mg / 250 mL (6.4 mg / mL)	X	--	n/a	Continuous mcg/kg/min	1	15	--	--	--	--	--	--	--	--	--	--	Cent. line only
eptifibatide 75 mg / 100 mL (0.75 mg / mL)	X	--	n/a	Continuous mcg/kg/min	0.9	2	2.9	--	--	--	--	--	--	--	--	--	--
furosemide 200 mg / 100 mL (2 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	1	20	--	--	10	80	--	--	0.001	20	--	--	--
heparin 25,000 unit / 250 mL (100 unit / mL)	X	--	n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	500	3000	4999	--	500	10000	--	--	500	1665	--	--	--
heparin 25,000 unit / 250 mL (100 unit / mL)	X	--	n/a	Continuous unit/kg/h Bolus Dose unit/kg Bolus Admin Rate unit/min	5	30	49	--	5	80	--	--	500	1665	--	--	--

Continuous/Bolus - Non-Anesthesia Drugs - Stepdown																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
HYDROmorphone 50 mg / 50 mL (1 mg / mL) 500 mg / 50 mL (10 mg / mL)	X	--	n/a	Continuous mg/h	0.1	2	--	--	--	--	--	--	--	--	--	--	--
Insulin 150 unit / 150 mL (1 unit / mL)	X	--	n/a	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	0.1	10	--	--	1	25	--	--	0.1	25	--	--	--
Isoproterenol 1 mg / 250 mL (0.004 mg / mL) 4 mg / 250 mL (0.016 mg / mL)	X	--	n/a	Continuous mcg/min	0.2	10	--	--	--	--	--	--	--	--	--	--	--
Labetalol 400 mg / 500 mL (0.8 mg / mL) 800 mg / 250 mL (3.2 mg / mL)	X	--	n/a	Continuous mg/min	1	6	--	--	--	--	--	--	--	--	--	--	--
Lepirudin 100 mg / 250 mL (0.4 mg / mL)	X	--	n/a	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/min	0.005	0.3	--	--	0.2	0.5	--	--	0.001	9999	--	--	--
Lidocaine 2,000 mg / 250 mL (8 mg / mL) 4,000 mg / 250 mL (16 mg / mL)	X	--	n/a	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	4	--	--	1	3	--	--	100	133	--	--	--
LORazepam 50 mg / 50 mL (1 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	8	--	--	0.25	4	--	--	1	16	--	--	--
Mannitol 20% 100 gram / 500 mL (0.2 gram / mL)	X	--	n/a	Continuous gram/h	1	75	--	--	--	--	--	--	--	--	--	--	In-line filter
Midazolam 70 mg / 70 mL (1 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	10	--	--	0.5	5	10	--	1	10	--	--	--

Continuous/Bolus - Non-Anesthesia Drugs - Stepdown																	
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 40 mg / 200 mL (0.2 mg / mL) 80 mg / 200 mL (0.4 mg / mL)	X	--	n/a	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.2	0.8	--	--	25	50	--	--	2.5	5	--	--	--
morphine 300 mg / 300 mL (1 mg / mL) --- mg / --- mL	X	--	NO	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	1	80	--	--	2	15	--	--	10	30	--	--	--
naloxone --- mg / --- mL	X	--	NO	Continuous mg/h	0.25	4	--	--	--	--	--	--	--	--	--	--	--
naloxone --- mg / --- mL	X	--	NO	Continuous mcg/kg/h	0.4	2	--	--	--	--	--	--	--	--	--	--	--
nitroglycerin 25 mg / 250 mL (0.1 mg / mL) 100 mg / 250 mL (0.4 mg / mL)	X	--	n/a	Continuous mcg/min	5	30	--	--	--	--	--	--	--	--	--	--	--
norepinephrine 8 mg / 250 mL (0.032 mg / mL) 16 mg / 250 mL (0.064 mg / mL)	X	--	n/a	Continuous mcg/min	1	17	--	--	--	--	--	--	--	--	--	--	--
octreotide 500 mcg / 250 mL (2 mcg / mL)	X	--	n/a	Continuous mcg/h	5	62.5	--	--	--	--	--	--	--	--	--	--	--
oxytocin 15 unit / 250 mL (0.06 unit / mL)	X	--	n/a	Continuous milliunit/min	0.1	30	--	--	--	--	--	--	--	--	--	--	--
procainamide 1,000 mg / 250 mL (4 mg / mL) 2,000 mg / 250 mL (8 mg / mL)	X	--	n/a	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	1	6	--	--	20	100	--	--	0.001	20	--	--	--
tacrolimus --- mg / --- mL	X	--	NO	Continuous mg/h	0.01	0.5	--	--	--	--	--	--	--	--	--	--	adsorbs to tubing
Thymoglobulin 100 mg / 500 mL (0.2 mg / mL)	X	--	n/a	Continuous mg/h	5	30	--	--	--	--	--	--	--	--	--	--	Hypersensitivity

Continuous/Bolus - Non-Anesthesia Drugs - Stepdown																	
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	
verapamil 100 mg / 250 mL (0.4 mg / mL)	X	--	n/a	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	3	9	--	--	1	5	--	--	0.001	9999	--	--	--

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

No drugs exist in this section.

2.1.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Stepdown																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
midazolam --- mg / --- mL	--	X	NO	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	10	--	--	0.5	5	10	--	1	10	--	--	--

2.1.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.1.5 Intermittent Drugs

Intermittent Drugs - Stepdown																		
Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits				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	
Acetazolamide	X	X	mg	100	500	--	--- mg / --- mL	X	--	--	00:10	00:30	00:15	--	--	--	--	--
acyclovir	X	X	mg/kg	2.5	10	--	--- mg / --- mL	X	--	00:50	--	02:00	01:00	--	--	--	--	--

Intermittent Drugs - Stepdown

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max		
albumin 25%	X	X	gram	1	25	--	--- gram / --- mL	X	--	--	00:30	06:00	--	--	--	--	--	--	--
albumin 5%	X	X	gram	1	12.5	--	--- gram / --- mL	X	--	--	00:20	06:00	--	--	--	--	--	--	--
alemtuzumab	X	X	mg	3	30	--	--- mg / --- mL	X	--	02:00	--	04:00	--	--	--	--	--	--	--
amikacin	X	X	mg/kg	7.5	20	--	--- mg / --- mL	X	--	00:25	--	02:00	--	--	--	--	--	--	--
amiodarone_Bolus	X	X	mg	149	150	--	150 mg / 100 mL (1.5 mg / mL)	X	--	00:08	--	00:20	00:10	n/a	n/a	n/a	n/a	--	--
amphotericin B Standard	X	--	mg/kg	0.25	1	--	--- mg / --- mL	X	--	01:50	--	06:00	--	mg/mL	--	0.05	0.2	--	--
amphotericin B LIPID/Liposomal	X	--	mg/kg	2	6	--	--- mg / --- mL	X	--	00:50	--	03:00	--	mg/mL	0.5	--	2	--	--
ampicillin	X	X	gram	0.5	2	3.9	1 gram / 50 mL (0.02 gram / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	--	--
							2 gram / 100 mL (0.02 gram / mL)	X	--	--	00:15	01:30	00:30	n/a	n/a	n/a	n/a		
							--- gram / --- mL	X	--	--	00:15	01:30	00:30	gram/mL	--	0.01	0.02		
ampicillin/sulbact	X	X	gram	1.5	3	--	1.5 gram / 50 mL (0.03 gram / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	--	--
							3 gram / 100 mL (0.03 gram / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a		
azathioprine	X	X	mg/kg	0.5	2.5	--	--- mg / --- mL	X	--	00:15	--	01:00	00:30	--	--	--	--	Neoplastic	--
azithromycin	X	X	mg	500	501	--	500 mg / 250 mL (2 mg / mL)	X	--	00:50	--	01:30	01:00	n/a	n/a	n/a	n/a	--	--
aztreonam	X	X	gram	0.5	2	3.9	1 gram / 50 mL (0.02 gram / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	--	--
							2 gram / 50 mL (0.04 gram / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a		
							--- gram / --- mL	X	--	--	00:15	01:00	00:30	gram/mL	--	0.01	0.04		
calcium chloride	X	X	mg	500	6000	--	--- mg / --- mL	X	--	--	00:50	06:00	--	mg/mL	--	10	20	--	--
Calcium gluconate	X	X	mg	500	6000	--	--- mg / --- mL	X	--	--	00:50	06:00	--	mg/mL	--	10	20	--	--
cefazolin	X	X	gram	0.5	2	3.9	1 gram / 50 mL (0.02 gram / mL)	X	--	--	00:15	01:00	--	n/a	n/a	n/a	n/a	--	--
							2 gram / 100 mL (0.02 gram / mL)	X	--	--	00:15	01:00	--	n/a	n/a	n/a	n/a		
							--- gram / --- mL	X	--	--	00:15	01:00	--	gram/mL	--	0.01	0.02		
Cefepime	X	X	gram	0.5	2	2.9	1 gram / 50 mL (0.02 gram / mL)	X	--	--	00:15	01:00	--	n/a	n/a	n/a	n/a	--	--
							--- gram / --- mL	X	--	--	00:15	01:00	--	gram/mL	--	0.01	0.04		
cefoxitin	X	X	gram	0.5	2	2.9	--- gram / --- mL	X	--	--	00:15	01:00	00:30	gram/mL	--	0.01	0.02	--	--
ceftriaxone	X	X	gram	0.5	2	2.9	--- gram / --- mL	X	X	--	00:15	01:30	--	gram/mL	--	0.01	0.04	--	--
cefuroxime	X	X	gram	0.75	1.5	3	1.5 gram / 50 mL (0.03 gram / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	--	--

Intermittent Drugs - Stepdown

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits				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	--	--	00:15	01:00	00:30	--	--	--	--	
chloramphenicol	X	X	mg/kg	12.5	25	--	--- mg / --- mL	X	--	--	00:15	03:00	--	mg/mL	--	5	20	--
cidofovir	X	X	mg/kg	0.5	5	--	--- mg / --- mL	X	--	--	00:50	02:00	01:00	--	--	--	--	--
ciprofloxacin	X	X	mg	200	400	--	200 mg / 100 mL (2 mg / mL)	X	--	--	00:50	02:00	01:00	n/a	n/a	n/a	n/a	--
							400 mg / 200 mL (2 mg / mL)	X	--	--	00:50	02:00	01:00	n/a	n/a	n/a	n/a	
clindamycin	X	X	mg	300	900	--	--- mg / --- mL	X	--	--	00:25	01:00	--	mg/mL	--	6	18	--
DAPTOmycin	X	X	mg	200	800	--	--- mg / --- mL	X	--	--	00:28	02:00	00:30	mg/mL	--	2	15	--
desmopressin	X	X	mcg	1	4	--	--- mcg / --- mL	X	--	--	00:20	00:45	--	mcg/mL	--	0.04	0.2	--
desmopressin	X	X	mcg/kg	0.29	0.3	--	--- mcg / --- mL	X	--	--	00:15	00:45	--	--	--	--	--	--
dexamethasone	X	X	mg	1	40	--	--- mg / --- mL	X	--	--	00:15	00:45	00:30	--	--	--	--	--
digoxin immune fab	X	X	mg	38	500	--	--- mg / --- mL	X	--	00:15	--	06:00	--	mg/mL	--	0.5	1	--
doripenem	X	X	mg	250	1000	--	--- mg / --- mL	X	--	--	03:30	04:30	04:00	mg/mL	--	2.5	5.5	--
doxycycline	X	X	mg	100	200	--	100 mg / 100 mL (1 mg / mL)	X	--	00:50	--	02:00	01:00	n/a	n/a	n/a	n/a	--
							200 mg / 100 mL (2 mg / mL)	X	--	01:50	--	03:00	02:00	n/a	n/a	n/a	n/a	
enalaprilat	X	X	mg	0.625	2.5	--	0.625 mg / 50 mL (0.013 mg / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	--
							1.25 mg / 50 mL (0.025 mg / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	
							2.5 mg / 50 mL (0.05 mg / mL)	X	--	--	00:15	01:00	00:30	n/a	n/a	n/a	n/a	
ertapenem	X	X	mg	500	1000	--	1,000 mg / 50 mL (20 mg / mL)	X	--	--	00:29	01:00	00:30	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	--	00:29	01:00	00:30	--	--	--	--	
erythromycin	X	X	mg	250	500	1000	--- mg / --- mL	X	--	--	00:50	02:00	01:00	--	--	--	--	--
ferric gluconate Na NOT FIRST Dose	X	X	mg	100	250	--	125 mg / 100 mL (1.25 mg / mL)	X	--	00:50	--	02:00	01:00	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	00:50	--	02:00	01:00	mg/mL	--	1	2.5	
ferric gluconate Na Test Dose	X	X	mg	24	25	--	25 mg / 50 mL (0.5 mg / mL)	X	--	00:25	--	01:00	00:30	n/a	n/a	n/a	n/a	--
Fluconazole	X	X	mg	100	800	--	100 mg / 50 mL (2 mg / mL)	X	--	00:25	--	01:00	00:30	n/a	n/a	n/a	n/a	--
							200 mg / 100 mL (2 mg / mL)	X	--	00:50	--	02:00	01:00	n/a	n/a	n/a	n/a	
							400 mg / 200 mL (2 mg / mL)	X	--	01:50	--	03:00	02:00	n/a	n/a	n/a	n/a	
							800 mg / 400 mL (2 mg / mL)	X	--	03:50	--	05:00	04:00	n/a	n/a	n/a	n/a	
fomepizole	X	X	mg/kg	10	15	--	--- mg / --- mL	X	--	--	00:25	01:00	00:30	mg/mL	--	5	25	--
fosphenytoin	X	X	mg	250	1250	--	--- mg / --- mL	X	--	--	00:55	01:30	--	mg/mL	--	2.5	10	--

Intermittent Drugs - Stepdown

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits				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	
furosemide_bolus	X	X	mg	80	240	--	--- mg / --- mL	X	--	--	00:10	01:00	--	mg/mL	--	1.5	5	--
ganciclovir	X	X	mg/kg	1.25	6	--	--- mg / --- mL	X	--	00:55	--	06:00	--	mg/mL	--	1	10	Neoplastic
gentamicin <i>Dose < 140 mg</i>	X	X	mg	40	--	139	80 mg / 50 mL (1.6 mg / mL)	X	--	00:25	--	00:45	00:30	n/a	n/a	n/a	n/a	--
							120 mg / 100 mL (1.2 mg / mL)	X	--	00:25	--	00:45	00:30	n/a	n/a	n/a	n/a	
							--- mg / --- mL	X	--	00:25	--	00:45	00:30	mg/mL	--	0.8	3	
gentamicin <i>Dose 140mg Or MORE</i>	X	X	mg/kg	1.5	7	--	--- mg / --- mL	X	--	00:25	--	01:30	01:00	mg/mL	1	--	7	--
hydrocortisone	X	X	mg	12.5	100	--	--- mg / --- mL	X	--	--	00:10	02:00	--	mg/mL	--	0.1	2	--
ibutilide	X	X	mg	1	--	1.1	1 mg / 50 mL (0.02 mg / mL)	X	--	--	00:09	00:15	00:10	n/a	n/a	n/a	n/a	--
imipenem/cilastatin	X	X	mg	250	--	1000	500 mg / 100 mL (5 mg / mL)	X	--	00:50	--	01:30	01:00	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	00:50	--	02:00	--	mg/mL	2.5	--	5	
iron dextran <i>High Dose</i>	X	X	mg	500	1500	--	--- mg / --- mL	X	--	02:00	--	06:00	04:00	mg/mL	--	0.5	3	--
iron dextran <i>Low Dose</i>	X	X	mg	25	125	--	--- mg / --- mL	X	--	00:30	--	04:00	01:00	--	--	--	--	--
iron sucrose	X	X	mg	100	300	--	--- mg / --- mL	X	--	--	00:15	01:00	--	mg/mL	--	1	2	--
itraconazole	X	X	mg	191	--	200	200 mg / 60 mL (3.333 mg / mL)	X	--	--	00:50	02:00	01:00	n/a	n/a	n/a	n/a	--
levETIRAcetam	X	X	mg	250	1500	--	--- mg / --- mL	X	--	--	00:15	01:00	--	mg/mL	--	3	20	--
levoFLOXacin	X	X	mg	250	--	750	250 mg / 50 mL (5 mg / mL)	X	--	00:50	--	01:30	01:00	n/a	n/a	n/a	n/a	--
							500 mg / 100 mL (5 mg / mL)	X	--	00:50	--	01:30	01:00	n/a	n/a	n/a	n/a	
							750 mg / 150 mL (5 mg / mL)	X	--	01:20	--	02:00	01:30	n/a	n/a	n/a	n/a	
Linezolid	X	X	mg	200	600	--	600 mg / 300 mL (2 mg / mL)	X	--	--	00:30	04:00	02:00	n/a	n/a	n/a	n/a	--
magnesium sulf_IVPB	X	X	gram	0.5	--	2	2 gram / 50 mL (0.04 gram / mL)	X	--	--	00:55	06:00	--	n/a	n/a	n/a	n/a	--
meropenem	X	X	gram	0.5	2	2.9	1 gram / 100 mL (0.01 gram / mL)	X	--	--	02:45	03:30	03:00	n/a	n/a	n/a	n/a	--
							2 gram / 100 mL (0.02 gram / mL)	X	--	--	02:45	03:30	03:00	n/a	n/a	n/a	n/a	
methyldopa	X	X	mg	250	500	--	250 mg / 100 mL (2.5 mg / mL)	X	--	--	00:30	01:30	01:00	n/a	n/a	n/a	n/a	--
							500 mg / 100 mL (5 mg / mL)	X	--	--	00:30	01:30	01:00	n/a	n/a	n/a	n/a	
methylPREDNISolone	X	X	mg	10	1000	--	--- mg / --- mL	X	--	--	00:10	02:00	--	mg/mL	--	0.2	20	--
MethylPRED-Spinal <i>Bolus Dose</i>	X	X	mg/kg	28	31	33	--- mg / --- mL	X	X	00:14	--	00:16	00:15	--	--	--	--	--
MethylPRED-Spinal <i>Infusion-dosed in Gm</i>	X	X	gram/kg	0.11	--	0.14	--- gram / --- mL	X	X	22:30	--	23:30	23:00	--	--	--	--	--
MethylPRED-Spinal <i>Infusion-dosed in mg</i>	X	X	mg/kg	111	--	140	--- mg / --- mL	X	X	22:30	--	23:30	23:00	--	--	--	--	--

Intermittent Drugs - Stepdown

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits				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	--	1500	500 mg / 100 mL (5 mg / mL)	X	--	00:25	--	01:30	00:30	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	00:25	--	02:00	--	mg/mL	5	--	5.1	
miconazole	X	X	mg	49	151	--	--- mg / --- mL	X	--	00:45	--	01:30	01:00	--	--	--	--	--
muromonab	X	X	mg	4	5	9	--- mg / --- mL	X	--	01:50	--	03:00	02:00	mg/mL	--	0.05	0.1	--
naftillin	X	X	gram	0.5	2	3.9	1 gram / 50 mL (0.02 gram / mL)	X	--	00:25	--	02:00	01:00	n/a	n/a	n/a	n/a	--
2 gram / 100 mL (0.02 gram / mL)							X	--	00:25	--	02:00	01:30	n/a	n/a	n/a	n/a		
--- gram / --- mL							X	--	00:25	--	02:00	--	gram/m L	--	0.01	0.02		
pamidronate	X	X	mg	30	--	90	--- mg / --- mL	X	--	02:00	--	23:00	03:00	mg/mL	--	0.03	0.5	--
penicillin G_PEN G	X	X	unit	1	6	--	2.5 unit / 100 mL (0.025 unit / mL)	X	--	--	00:15	02:00	--	n/a	n/a	n/a	n/a	Unit = MU
							5 unit / 100 mL (0.05 unit / mL)	X	--	--	00:15	02:00	--	n/a	n/a	n/a	n/a	
pentamidine	X	X	mg/kg	2	4	--	--- mg / --- mL	X	--	--	01:00	02:00	--	mg/mL	--	1	6	--
Phenytoin	X	X	mg	500	1250	1999	1,000 mg / 250 mL (4 mg / mL)	X	--	00:18	--	01:00	--	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	00:25	--	02:00	--	mg/mL	--	1	4	
phytonadione	X	X	mg	1	10	--	--- mg / --- mL	X	--	--	00:10	01:00	00:20	mg/mL	--	0.02	0.4	--
piperacillin/tazo	X	X	gram	0.74	--	4.5	3.37 gram / 50 mL (0.067 gram / mL)	X	--	03:30	--	04:30	04:00	n/a	n/a	n/a	n/a	--
							4.5 gram / 100 mL (0.045 gram / mL)	X	--	03:30	--	04:30	04:00	n/a	n/a	n/a	n/a	
potassium chloride Central Line	X	X	mEq	10	20	--	10 mEq / 50 mL (0.2 mEq / mL)	X	--	00:15	00:30	02:00	--	n/a	n/a	n/a	n/a	--
							20 mEq / 100 mL (0.2 mEq / mL)	X	--	00:30	01:00	04:00	--	n/a	n/a	n/a	n/a	
potassium chloride Peripheral	X	X	mEq	10	20	--	10 mEq / 50 mL (0.2 mEq / mL)	X	--	00:30	01:00	04:00	--	n/a	n/a	n/a	n/a	--
							20 mEq / 100 mL (0.2 mEq / mL)	X	--	01:00	02:00	04:00	--	n/a	n/a	n/a	n/a	
potassium phosphate	X	X	mmol	5	60	--	--- mmol / --- mL	X	--	--	04:00	08:00	06:00	mmol/m L	--	0.04	0.16	--
promethazine	X	X	mg	12.5	25	50	--- mg / --- mL	X	--	00:15	--	01:00	00:30	mg/mL	0.25	--	0.5	--
Rifampin	X	X	mg	600	601	799	600 mg / 100 mL (6 mg / mL)	X	--	--	00:25	02:00	01:00	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	--	00:25	02:00	--	mg/mL	6	--	6.1	
SEPTRA_smx/tmp	X	X	mg/kg	3	10	--	--- mg / --- mL	X	--	00:50	--	03:00	01:00	--	--	--	--	--
sodium phosphate	X	X	mmol	4	60	--	--- mmol / --- mL	X	--	--	04:00	08:00	06:00	mmol/m L	--	0.04	0.32	--
tigecycline	X	X	mg	24	101	--	--- mg / --- mL	X	--	00:30	--	02:00	01:00	--	--	--	--	--
tobramycin Dose < 140 mg	X	X	mg	60	--	139	80 mg / 100 mL (0.8 mg / mL)	X	--	00:25	--	00:45	00:30	n/a	n/a	n/a	n/a	--
							--- mg / --- mL	X	--	00:25	--	00:45	00:30	mg/mL	--	0.8	3	
tobramycin Dose 140mg Or MORE	X	X	mg/kg	1.5	7	--	--- mg / --- mL	X	--	00:25	--	01:30	01:00	mg/mL	1	--	7	--

Intermittent Drugs - Stepdown																			
Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits				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	25	1000	--	--- mg / --- mL	X	--	--	00:50	02:00	01:00	mg/mL	--	1	10	--	
vancomycin <i>Dose over 1000 mg</i>	X	X	mg	1000	2000	2999	--- mg / --- mL	X	--	01:25	--	04:00	--	mg/mL	2	--	10	--	
vancomycin <i>Dose up to 1000 mg</i>	X	X	mg	250	--	1000	--- mg / --- mL	X	--	00:50	--	02:00	01:00	mg/mL	--	3	7	--	
voriconazole	X	X	mg/kg	3	7	--	--- mg / --- mL	X	--	00:50	--	02:00	01:00	--	--	--	--	--	
zoledronic acid	X	X	mg	5	5.1	--	5 mg / 100 mL (0.05 mg / mL)	X	--	00:15	--	01:00	--	n/a	n/a	n/a	n/a	--	

2.1.6 Fluids

Fluids - Stepdown							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
IVF + Additives	Yes	X	--	20	250	--	--
IVF PLAIN	Yes	X	--	20	999	--	--
3% NaCL	No	X	--	10	50	99	Cent. line only
Blood (RBCs)	No	X	--	50	999	--	Cosignature required
Dextran	Yes	X	--	1	40	--	--
fat emulsion 20%	Yes	X	--	5	42	--	--
hetastarch 6% 500mL	No	X	--	100	999	--	--
IV Immunoglob (IVIG)	No	X	--	10	150	--	--
TPN	Yes	X	--	10	200	--	--

2.1.7 PCA Drugs

No drugs exist in this section.

3. Configuration Settings

3.1 PC Unit

	Stepdown
Settings	
Alarm Audio Profile	Profile 1
Audio Volume	5
Anesthesia Mode	Enabled
Battery Meter Display	Enabled
Color Display	Enabled
Key Click Audio	Disabled
Limit Checking	Always
Max Patient BSA (m ²)	3
MaxPatient Weight (kg)	500
Patient ID Entry	Enabled
Pending IV Orders	Disabled
Preventive Maintenance Reminder	Enabled
Tamper Resistant	Enabled
Authorized User Mode	Disabled

3.2 Pump Module

	Stepdown
Settings	
Accumulated Air-In-Line	Enabled
Air-In-Line (microliters)	250
Auto-Restart Attempts	3
KVO Rate Adjust (mL/h)	20
Max Occlusion Pressure (mmHg)	525
Max Occlusion Pressure Initial Value (mmHg)	525
Maximum Rate (mL/h)	999
Maximum VTBI (mL)	3999
Pressure Mode Lock Status	Locked
Pressure Mode Selection	Selectable
Secondary Infusion	Enabled
SEC-PRI Audio Alert	Enabled

3.3 Syringe Module

	Stepdown
Settings	
All Mode	Enabled
Auto Occlusion Pressure	Disabled

	Stepdown
Settings	
Back-Off After Occlusion	Enabled
Fast-Start	Enabled
KVO Option	Disabled
KVO Rate Adjust (mL/h)	n/a
KVO Volume Adjust (%)	n/a
Near End Of Infusion	Disabled
Nea End Of Infusion Alert Time (minutes)	n/a
Occlusion Pressure Limit With Disc (mmHg)	1000
Occlusion Pressure Limit No Disc	High
Priming	Disabled

3.4 Shared Infusion Settings (Pump and Syringe)

	Stepdown
Settings	
Delay Start Options	Enabled
Delay Start Callback	BeforeAndAfter
Drug Calculation	Enabled
Drug Calculation Bolus Dose	Enabled
Multidose	Disabled
Multidose Callback	n/a
Pressure Dynamic Display	Enabled

Settings	Stepdown
Volume Duration	Enabled

3.5 Shared Infusion Settings (PCA and Syringe)

Settings	Stepdown
Maximum Rate (mL/h)	999

4. Channel Labels

Channel labels are not used

Appendices

Appendix A Master Clinical Advisories List

Master Clinical Advisories	
Advisory Name	Clinical Advisory Text
adsorbs to tubing	Use same iv tubing per guidelines for new bag. Drug will adsorb to new tubing.
Arginine	Arginine, compatible with Ammunol, central line only
Bleeding risk	Monitor for signs and symptoms of bleeding
Calcium	Do not infuse Ca containing products in same IV line as phosphate
cardiac monitoring	consider cardiac monitoring while using this drug
Cent. line only	Central line required for infusion.
check concentration	Verify concentration entered matches order.
Cloudy	This product should be cloudy if its clear there s a problem
Cosignature required	Cosignature required
CRRT	For Use with CRRT Only
Enteral only	Enteral feeds - Do not give IV
EPS symptoms	Monitor for extrapyramidal symptoms
Extravasation	Watch IV site carefully for signs of extravasation.
Filter + Hypersens	Infusion requires the use of an in-line filter. Risk of Hypersensitivity. Check vital signs frequently during infusion.
foscarnet	Concentrations > 12 mg/ml require a central line
hep units/hr	This file for units/hr Heparin
Hypersensitivity	Risk of hypersensitivity. Check vital signs frequently during infusion.
In-line filter	Infusion requires the use of an in-line filter.
Milrinone for 6C	6C cardiac unit only-no rate adjustments allowed
Monitor BP	Monitor blood pressure continuously during infusion.
Monitor O2 & Cardiac	Continuously monitor cardiac and respiratory function.
Naloxone high dose	For overdose
Naloxone low dose	For pruritus
Neoplastic	*** ALERT *** This is a cytotoxic agent. Use chemo handling precautions.
Newborn screen	Confirm state screen
NICU insulin	For treatment of hyperkalemia
Non in PICC	Do not administer through PICC
Not in UAC	Do not give via UAC
O2 Depression 1	May cause respiratory depression. Monitor respiratory function closely.
O2 Depression 2	May cause respiratory depression. Monitor pulse oximetry closely.
Peripheral Amio	Central line preferred, watch IV site closely for signs of extravasation.
Pitocin	*** WARNING *** To be used for IUFD or Therapeutic AB.
Single Drug IV line1	While infusing this drug, do not administer other drugs through the same IV line.
Single Drug IV line2	This drug is best given through administration set with no other medications.
SodiumBenz-SodPhenyl	Ammonul, Compatible with arginine, Central line only
THAM	1 mEq = 3.3 ml
Unit = MU	*** NOTE *** 1 UNIT = 1 MU MU - million units
Ventilator	Patient should be on ventilator
Vesicant	Caution vesicant! Watch IV site carefully for signs of extravasation.
Vesicant + Cent line	Central line required for infusion. Caution vesicant; watch for signs of extravasation.

