

COMPOUNDED STERILE PREPARATIONS RECONSTITUTION, DILUTION AND STABILITY CHART (ADULT)

DRUG (Manufacturer or Brand Name)	CONCENTRATED SOLUTION (reconstituted or premixed commercial vial / amp)				DILUTED SOLUTION (minibag, minibag-plus)					Available to Sites for stock from PDCC	Additional Information
	Size	Diluent	Soln Conc	Beyond Use Date	MINIBAG			MINIBAG-PLUS or COMMERCIAL PREMIX			
					Std IV Soln	Bag Vol or Max Conc	Beyond Use Date	Dose	Beyond Use Date		
ACYCLOVIR ³ (PPC)	500 mg/10 mL	premix	50 mg/mL	24 hr RT	D5W	10 mg/mL	30 days RT			500 mg/100 mL D5W 1 g/100 mL D5W	do not refrigerate minibags; discard if precipitated; same BUD for dilution in NS
AMIKACIN ^{2,3} (Sabex)	500 mg/2 mL	premix	250 mg/mL	24 hr F	D5W	100 mL Fluid Restn: 25 mL(central line)	30 days F				pale yellow does not indicate loss of potency; dark solutions should be discarded; same BUD for dilution in NS
AMPHOTERICIN B ^{1,4} (Fungizone®)	50 mg	10 mL SWFI	5 mg/mL	24 hr F	D5W	peripheral:0.1 mg/mL max central: 1 mg/mL	30 days F				vials stored in fridge; dilution in D5W only; protect from light during storage (vials and solutions)
AMPHOTERICIN B ^{1,3} Lipid Complex (Abelcet®)	100 mg/20 mL	premix	5 mg/mL	24 hr F	D5W	1-2 mg/mL	10 days F				vials stored in fridge; use 5 micron filter to add dose to infusion bag; dilution in D5W only
AMPHOTERICIN B ^{1,3} Liposomal (Ambisome®)	50 mg	12 mL SWFI	4 mg/mL	24 hr F	D5W	0.2 - 2 mg/mL	11 days F				vials stored in fridge; use 5 micron filter to add dose to infusion bag; dilution in D5W only
AMPICILLIN ^{1,3} (Teva, PPC)	250 mg (NOVO; PPC) 500 mg (NOVO; PPC) 1 g (NOVO) 1 g (PPC) 2 g (NOVO)	0.9 mL SWFI 1.8 mL SWFI 3.5 mL SWFI 3.4 mL SWFI 6.8 mL SWFI	250 mg/mL	1 hr RT	NS	50 mL Fluid Restn:25 mL 50 mL Fluid Restn:25 mL 50 mL Fluid Restn:25 mL 50 mL Fluid Restn:25 mL 100 mL	72 hr F	250 mg/50 mL NS MB+ 500 mg/50 mL NS MB+ 1 g/50 mL NS MB+ 1 g/50 mL NS MB+ 2 g/100 mL NS MB+	30 days RT	250 mg/50 mL NS MB+ 500 mg/50 mL NS MB+ 1 g/50 mL NS MB+ 1 g/50 mL NS MB+ 2 g/100 mL NS MB+	>20 mg/mL NS = 48 hr; BUD for dilution in D5W: 2 hr RT or 4 hr F
ARGATROBAN ¹ (Pfizer)	250 mg/2.5 mL	premix	100 mg/mL	24 hr RT	D5W NS	250 mg/250 mL	48 hr F				bag stable for 24 hr RT in ambient indoor light and 48 hr F and protected from light

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AZITHROMYCIN ^{1,6} (Zithromax®)	500 mg	4.8 mL SWFI	100 mg/mL	24 hr F	D5W	1-2 mg/mL 250-500 mL	7 days F	500 mg/250 mL D5W MB+	30 days RT	250 mg/250 mL D5W 500 mg/250 mL D5W MB+	do not use Cornwall Syringe
AZTREONAM ^{1,3} (Azactam®)	500 mg 1 g 2 g	1.5 mL SWFI 3 mL SWFI 6 mL SWFI	use entire vial	24 hr F	D5W	500 mg/50 mL 1 g/50 ml 2 g/100 mL	7 days F				max concentration for administration: 20 mg/mL; Special Access drug
CALCIUM CHLORIDE	5 g/50 mL	premix	100 mg/mL		NS	7 g/1000 mL	30 days F			7 g/1000 mL NS	
CALCIUM GLUCONATE (Abbott, PPC)	1000 mg/10 mL (10%)	premix	100 mg/mL	24 hr F	D5W	50 - 100 mL	7 days F				10 mL of 10% = 1g Ca Glu =93 mg Ca=2.3 mmol=4.6 mEq; re-dissolve crystals by warming; same BUD in NS
CASPOFUNGIN ¹ (Cancidas®)	50 mg 70 mg	10.5 mL SWFI 10.5 mL SWFI	5 mg/mL 7 mg/mL	1 hr RT	NS	100 - 250 mL Fluid Restn: 100 mL for doses ≤50 mg	48 hr F			35 mg/100 mL NS 50 mg/250 mL NS 70 mg/250 mL NS	vials stored in fridge; for 35 mg dose: use 70 mg vial for two doses; do not use reconstitution device; reconst. overflow -dose in 10 mL; dilution in NS only
CEFAZOLIN ⁷ Teva, Sandoz, Apo)	500 mg 1 g 10 g	2.3 mL SWFI 4.5 mL SWFI 45 mL SWFI	200 mg/mL 200 mg/mL 200 mg/mL	24 hr F	D5W	≤ 1 g - 50 mL >1 g - 100 mL Fluid Restn:25 mL	30 days F			500 mg/50 mL D5W 1 g/50 mL D5W 2 g/100 mL D5W	reconstitution volumes for 500 and 1 g vials differ from the manufacturer vol; same BUD for dilution in NS
CEFAZOLIN / METRONIDAZOLE ² (METCEF / CEFMET)	see Cefazolin reconstitution					add Cefazolin dose to 100 mL Metronidazole premix bag	12 days F			Cefaz/Metronidazole 1 g/500 mg Cefaz/Metronidazole 2 g/500 mg	protect from light during storage
CEFOTAXIME ^{1,3} (Claforan®)	500 mg 1 g 2 g	2.3 mL SWFI 4.6 mL SWFI 9 mL SWFI	200 mg/mL	24 hr F	D5W	≤1 g - 50 mL >1 g - 100 mL Fluid Restn:25 mL	24 hr F			500 mg/50 mL D5W 1 g/50 mL D5W 2 g/100 mL D5W	same BUD for dilution in NS
CEFOXITIN ³ (Teva, Apo)	1 g 2 g 10 g	4.7 mL SWFI 9 mL SWFI 45 mL SWFI	200 mg/mL	24 hr F	D5W	≤1 g - 50 mL >1 g - 100 mL	13 days F			1 g/50 mL D5W 2 g/100 mL D5W	reconstitution volumes differ from the manufacturer vol ; same BUD for dilution in NS

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CEFTAZIDIME ³ (Ceftaz®, Fortaz®, PPC)	1 g (Ceftaz)	4.8 mL SWFI	200 mg/mL	24 hr F	D5W	≤1 g - 50 mL >1 g - 100 mL Fluid Restn:25 mL	7 days F			1 g/50 mL D5W	reconstitution volumes differ from the manufacturer vol; Fortaz, PPC - vent vials Ceftaz - reduced vial pressure; same BUD for dilution in NS
	1 g (PPC)	4.4 mL SWFI								2 g/100 mL D5W	
	2 g (Ceftaz)	8 mL SWFI									
	2g (PPC, Fortaz)	8.8 mL SWFI									
	6 g (Fortaz)	26 mL SWFI									
CEFTRIAXONE ³ (Rocephin®, Sandoz)	250 mg	2.4 mL SWFI	100 mg/mL	24 hr F	D5W	≤1 g - 50 mL >1 g - 100 mL Fluid Restn: 25 mL	14 days F			250 mg/50 mL D5W	same BUD for dilution in NS
	1 g	9.6 mL SWFI								500 mg/50 mL D5W	
	2 g	19.2 mL SWFI								1 g/50 mL D5W	
	10 g	95 mL SWFI								2 g/100 mL D5W	
CEFUROXIME ^{2,3} (Zinacef®, PPC)	750 mg	5.7 mL SWFI	125 mg/mL	24 hr F	D5W	≤1.5 g - 50 mL >1.5 g - 100 mL Fluid Restn:25 mL	14 days F			500 mg/50 mL D5W	protect from light during storage (vials and solutions); light darkens soln without affecting potency; same BUD for dilution in NS
	1.5 g	11.3 mL SWFI								750 mg/50 mL D5W	
	7.5 g	58 mL SWFI								1.5 g/50 mL D5W	
CHLORAMPHENICOL ² (Chloromycetin®)	1g vial	10 mL SWFI	100 mg/mL	24 hr RT	D5W	50 mL Fluid Restn:25 mL	24 hr RT				
CIPROFLOXACIN (Hospira)								200 mg/100 mL D5W premix	14 days F or RT out of wrap	200 mg/100 mL D5W	same BUD for dilution in NS
								400 mg/200 mL D5W premix	30 days F or RT out of wrap	400 mg/200 mL D5W	
CLINDAMYCIN ³ (Sabex)	300 mg/2 mL	premix	150 mg/mL	24 hr F	D5W	≤600 mg - 50 mL >600 mg -100 mL max:18 mg/mL	30 days F			300 mg/50 mL D5W	same BUD for dilution in NS
	600 mg/4 mL	premix								450 mg/50 mL D5W	
	900 mg/6 mL	premix								600 mg/50 mL D5W	
	9 g/60 mL	premix								900 mg/100 mL D5W	
CLOXACILLIN ⁸ (Teva)	500 mg	1.7 mL SWFI	250 mg/ mL	24 hr F	D5W	≤1 g - 50 mL >1 g in 100-250 mL Fluid Restn:25 mL	14 days F			500 mg/50 mL D5W	same BUD for dilution in NS
	1 g	3.4 mL SWFI								1 g/50 mL D5W	
	2 g	6.8 mL SWFI								2 g/100 mL D5W	

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COTRIMOXAZOLE ^{2,8,9} (Septra®)	5 mL	premix	16 mg TMP/80 mg SMX/mL	24 hr RT	D5W	5 mL + 125 mL D5W (1:25 diln)	24 hr RT				because of the short stability, Pharmacy sends vials; same BUD for dilution in NS
5 mL + 75 mL D5W (1:15 diln)						3 hr RT					
5 mL + 50 mL D5W (1:10 diln)						1.5 hr RT					
DAPTOMYCIN ¹⁸ (Cubicin®)	500 mg	10 mL NS	50 mg/mL	24 hr F	NS	50 mL	10 days F				vials are stored in fridge; do not shake vial during reconstitution, gently swirl contents; dilute in NS only
DOXYCYCLINE ³ contains LATEX (APP)	100 mg	10 mL SWFI	10 mg/mL	24 hr F	D5W	250 mL 0.1 - 1 mg/mL	72 hr F			100 mg/250 mL D5W	protect from light during storage and infusion; Special Access; same BUD for in NS
DROTRECOGIN (Xigris®)	5 mg	2.5 mL SWFI	2 mg/mL	3 hr RT	NS	50 mL	12 hr F + 14 hr RT (24 hr total)				vials stored in fridge; minimise agitation during preparation; do not tube
	20 mg	10 mL SWFI				100 mL					
ERTAPENEM ³ (Invanz®)	1 g	10 mL SWFI	100 mg/mL	24 hr F	NS	50 mL	5 days F	1 g/50 mL NS MB+	30 days RT	500 mg/50 mL NS 1 g/50 mL NS MB+	dilute in NS only
ERYTHROMYCIN LACTOBIONATE ^{2,3} (Erythrocin IV®)	500 mg	10 mL SWFI	50 mg/mL	24 hr F	NS	≤500 mg -250 mL >500 mg -500 mL max: 5 mg/mL	24 hr F			500 mg/250 mL NS	dilute in NS only; BUD of minibags can be extended to 10 days F by adding Na Bicarb 8.4% 0.2 mL to 50 mL, 0.4 mL to 100 mL, 1 mL to 250 mL or 2 ml to 500 mL bag
	1 g	20 mL SWFI								1 g/500 mL NS	
FENTANYL PCA	1000 mcg/20 mL	premix	50 mcg/mL		NS	2000 mcg/100 mL	30 days F			20 mcg/mL - 100 mL NS IPUMP BAG	protect from light during storage

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FENTANYL / BUPIVACAINE EPIDURAL	1000 mcg/20 mL (fentanyl) 100 mg/20 mL (bupivacaine)	premix	50 mcg/mL (fentanyl) 5 mg/mL (bupivac)		NS	250 mL	30 days F			2 mcg/mL fentanyl 0.0625% bupivac 250 mL NS	protect from light during storage
										2 mcg/mL fentanyl 0.08% bupivac 250 mL NS	
										2 mcg/mL fentanyl 0.1% bupivac 250 mL NS	
										2 mcg/mL fentanyl 0.125% bupivac 100 mL NS	
FLUCONAZOLE (Baxter)								200 mg/100 mL NS premix	30 days RT out of wrap	do not refrigerate; BUD for doses transferred to empty viaflex bags - 30 days RT	
							400 mg/200 mL NS premix				
FOMEPIZOLE (Antizol®)	1500 mg/1.5 mL	premix	1000 mg/mL	24 hr RT	D5W	100 mL	24 hr RT				solution in vial is clear to yellow; same BUD for dilution in NS
FUROSEMIDE ^{2,3} (Abbott)	40 mg/4 mL	premix	10 mg/mL		D5W	50-100 mL usual: 1 mg/mL max: 5 mg/mL	24 hr RT				do not refrigerate; do not use if yellow discoloration; same BUD for dilution in NS
FUSIDATE SODIUM ^{1,8} (Fucidin Leo®)	500 mg	10 mL diluent	50 mg/mL	24 hr F	D5W	>50 kg: 250-500 mL (1-2 mg/mL) <50 kg: 0.1-0.2 mg/mL	3 days F				Special Access drug
GANCICLOVIR	prepared in Biological Safety Cabinet				see Cytotoxic Medication Reconstitution Chart						
GENTAMICIN ^{1,8} (Sabex)	80 mg/2 mL	premix	40 mg/mL	28 days RT	NS	≤80 mg - 50 mL >80 mg - 100 mL Fluid Restr: 25 mL	30 days F	60 mg/50 ml NS premix	30 days RT out of wrap		same BUD for dilution in D5W
	800 mg/20 mL	premix						80 mg/50 mL NS premix			
								100 mg/100 mL NS premix 120 mg/100 mL NS premix			

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HEPARIN ^{1,3} (PPC; BBraun)	10,000 units/mL	premix	10,000 units/mL	28 days F or RT	D5W	500 mL	24 hr RT	25,000 units/500 mL D5W Excel bag	3 months RT or F out of wrap		
HYDROCORTISONE SODIUM SUCCINATE ² (Teva)	100 mg 250 mg 500 mg	1.8 mL SWFI 1.8 mL SWFI 3.8 mL SWFI	50 mg/mL 125 mg/mL 125 mg/mL	24 hr F	D5W	100-1000 mL 250-1000 mL 500-1000 mL max 1 mg/mL	24 hr RT				same BUD for dilution in NS
HYDROMORPHONE PCA	50 mg/5 mL	premix	10 mg/mL		NS	40 mg/100 mL	30 days F			0.4 mg/mL - 100 mL NS IPUMP BAG	protect from light during storage
HYDROMORPHONE EPIDURAL	50 mg/5 mL (hydromorph) 100 mg/20 mL (bupivacaine)	premix	10 mg/mL (hydromor) 5 mg/mL (bupivac)		NS	20 mcg/mL hydromorphone 0.1% bupivacaine 250 mL	30 days F			20 mcg/mL hydromorphone 0.1% bupivacaine 250 mL NS	protect from light during storage
IMIPENEM / CILASTATIN ^{5,8} (Merk, Omega)	250 mg 500 mg			24 hr F	NS	≤500 mg-100 mL >500 mg-250 mL max: 5 mg/mL	48 hr F	250 mg/100 mL NS MB+ 500 mg/100 mL NS MB+	30 days RT 30 days RT	250 mg/100 mL NS MB+ 500 mg/100 mL NS MB+ 1 g/250 mL NS	using reconstitution device and NS minibag add 10 mL; shake and add suspension to the bag; repeat; second rinsing of vial required to transfer entire dose; colorless to yellow without affecting potency; BUD in D5W - 6 hrs
INFLIXIMAB (Remicade®)	100 mg	10 mL SWFI allow to stand for 5 min	10 mg/mL	24 hr RT	NS	250 mL 0.4 - 4 mg/mL	24 hr F				vial may be reconstituted with NS removed from final bag; do not use if opaque or discolored; dilution in NS only
LEUCOVORIN	may be prepared in CIVA LAFH or BSC				see Cytotoxic Medication Reconstitution Chart						
LEVOFLOXACIN ⁹ (Levaquin®)								250 mg/50 mL D5W premix 500 mg/100 mL D5W premix 750 mg/150 mL D5Wpremix	30 days RT or F out of wrap		
LEVOTHYROXINE ¹⁴ (PPC)	0.5 mg	5 mL NS	0.1 mg/mL	24 hr F							stable in syringes for 7 days F and administered IV push

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LINEZOLID ³ (Zyvoxam IV®)								600 mg/300 mL D5W premix	30 days RT out of wrap		
MAGNESIUM SULFATE ² (Sabex)	5 g /10 mL (50%)	premix	500 mg/mL	24 hr F	D5W	50 - 500 mL	30 days F				same BUD for dilution in NS
MEROPENEM ³ (Merrem®)	500 mg 1 g	10 mL SWFI 20 mL SWFI	50 mg/mL	24 hr F	NS	10 mg/mL Fluid Restr:20 mg/mL	5 days F	500 mg/50 mL NS MB+ 1 g/100 mL NS MB+	30 days RT	500 mg/50 mL NS MB+ 1 g/100 mL NS MB+	BUD in D5W - 24 hr F
MESNA	may be prepared in CIVA LAFH or BSC				see Cytotoxic Medication Reconstitution Chart						
METHYLPREDNISOLONE (Solumedrol®, Teva)	500 mg 1 g	7.8 mL SWFI 15.6 mL SWFI	62.5 mg/mL	24 hr F	NS	>250 mg in 50-250 mL max: 50 mg/mL	48 hr F				
METOCLOPRAMIDE (Maxeran®)	10 mg/2 mL	premix	5 mg/mL	24 hr F	D5W	≤50 mg - 50 mL >50 mg - 100 mL	24 hr F				same BUD for dilution in NS
METRONIDAZOLE (Flagyl®)								500 mg/100 mL NS premix	30 days RT out of wrap	250 mg/50 mL NS	do not refrigerate; protect from light during storage; BUD for doses transferred to empty viaflex bags - 30 days RT
MICAFUNGIN ¹⁷ (Micamine®)	100 mg	5 mL NS	20 mg/mL	24 hr F	D5W	50 - 150 mg in 100 mL	7 days F				protect from light during storage and infusion; mix vials gently; same BUD for dilution in NS
MORPHINE PCA	500 mg/10 mL	premix	50 mg/mL		NS	200 mg/100 mL	30 days F			2 mg/mL - 100 mL NS IPUMP BAG	protect from light during storage
MORPHINE EPIDURAL	15 mg/mL (morphine) 100 mg/20 mL (bupivacaine)	premix	15 mg/mL (morphine) 5 mg/mL (bupivac)		NS	50 mcg/mL morph 0.08% bupivacaine 250 mL	30 days F			50 mcg/mL morphine 0.08% bupivacaine 250 mL NS	protect from light during storage
MOXIFLOXACIN ¹⁰ (Avelox®)								400 mg/250 mL NaCl 0.8% premix	28 days RT out of wrap		do not refrigerate; yellow solution

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ONDANSETRON ³ (Zofran®)	4 mg/2 mL 8 mg/4 mL 40 mg/20 mL	premix	2 mg/mL	24 hr F	D5W	≤6 mg - 50 mL >6 mg - 100 mL max: 0.14 mg/mL	14 days F				same BUD for dilution in NS										
PAMIDRONATE ¹¹ (Mayne)	30 mg/10 mL 60 mg/10 mL 90 mg/10mL											premix	3 mg/mL 6 mg/mL 9 mg/mL	24 hr RT	NS	≤90 mg - 250 mL	28 days RT				do not refrigerate; note specific protocols
PANTOPRAZOLE ¹⁵ (Pentaloc®, Sandoz)	40 mg												10 mL NS								
PENICILLIN G ⁸ (Teva)	1 million units 5 million units 10 million units	1.8 mL SWFI 8.2 mL SWFI 16.2 mL SWFI	500,000 units/mL	24 hr F	D5W	≤5 MU - 50 mL 6-10 MU - 100 mL >10 MU - 250 mL	14 days F				1 MU/50 mL D5W 2 MU/50 mL D5W 2.5 MU/50 mL D5W 5 MU/50 mL D5W 10 MU/100 mL D5W		same BUD for dilution in NS								
PENTAMIDINE ISETIONATE ^{1,8} (Mayne)	300 mg	3 mL SWFI									100 mg/mL	24 hr F		D5W	50 - 500 mL max: 2 mg/mL	6 days F				protect from light during storage (vials and solutions); BUD for dilution in NS: 4 days F	
PHENYTOIN (Dilantin®)	100 mg/2 mL 250 mg/5 mL	premix premix									50 mg/mL										
PHYTONADIONE ² vitamin K1 (Sabex)	10 mg/mL	premix	10 mg/mL										short stability in solution, send ampoules								
PIPERACILLIN ⁸ (Mayne)	3 g 4 g	6 mL SWFI 8 mL SWFI	400 mg/mL	24 hr F	D5W	≤3 g - 50 mL >3 g - 100 mL Fluid Restr: 120 mg/mL	21 days F				3 g/50 mL D5W 4 g/100 mL D5W	same BUD for dilution in NS									

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PIPERACILLIN / TAZOBACTAM ³ (Tazocin®)	2.25 g	8.4 mL SWFI	225 mg/mL	24 hr F	D5W	50 mL	30 days F	2.25 g/50 mL D5W	30 days F	2.25 g/50 mL D5W	same BUD for dilution in NS
3.375 g	12.6 mL SWFI	3.375 g/100 mL D5W						3.375 g/100 mL D5W			
4.5 g	16.9 mL SWFI	4.5 g/100 mL D5W						4.5 g/100 mL D5W			
13.5 g	52 mL SWFI										
POTASSIUM CHLORIDE (Sabex)	20 mmol/10 mL	premix	2 mmol/mL	24 hr F	D5W	max peripheral: 60 mmol/L max central: 80 mmol/L	30 days F	10 mmol/100 mL premix	30 days out of wrap		same BUD for NS and dextrose- saline combinations consult Parenteral Drug Therapy Manual
40 mmol/20 mL	premix	20 mmol/50 mL premix									
POTASSIUM PHOSPHATE ¹² (Sabex)	30 mmol/10 mL	premix	3 mmol P 4.4 mmol K/mL	24 hr F	D5W	250-500 mL	28 days F			15 mmol/250 mL D5W	max for peripheral line: 15 mmol/250 mL; same BUD for dilution in NS
RANITIDINE ³ (Zantac®)	50 mg/2 mL	premix	25 mg/mL	24 hr F	D5W	2 mg/mL	30 days F			50 mg/50 mL D5W	same BUD for dilution in NS
1.25 g/50 mL	premix										
SODIUM BICARBONATE (Abbott)	50 mmol/50 mL	premix	1 mmol/mL	24 hr F	D5W	50 - 1000 mL	24 hr F				same BUD for dilution in NS
SODIUM PHOSPHATE (Sandoz)	30 mmol/10 mL	premix	3 mmol P 4 mmol Na/mL	24 hr F	D5W	100-500 mL	24 hr F				same BUD for NS and dextrose- saline combinations
STREPTOMYCIN ¹³ (Sterimax®)	1 g	4.2 mL SWFI	200 mg/mL	24 hr F	D5W	100 mL	24 hr F				light darkens solution without affecting potency
THIAMINE ² Vit B1 (Sabex)	100 mg/mL	premix	100 mg/mL	24 hr F	D5W	50 mL	24 hr F				same BUD for dilution in NS
1,000 mg/10 mL	premix	100 mg/mL	28 days F or RT								
TICARCILLIN / CLAVULANATE ³ (Timentin®)	3 g/100 mg	13 mL SWFI	200 mg/mL ticarcillin 6.7 mg/mL clavulanate	24 hr F	NS	100 mL	7 days F			3,100 mg/100 mL NS	BUD for dilution in D5W: 3 days F

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TIGECYCLINE (Tigecyl®)	50 mg	5.3 mL NS or D5W	10 mg/mL	24 hr F	D5W	50 mg - 50 mL 100 mg - 100 mL max: 1 mg/mL	48 hr F				vial contains overage, do not use recon device; same BUD for dilution in NS
TOBRAMYCIN ⁸ (Sabex)	80 mg/2 mL 1.2 g/30 mL	premix premix	40 mg/mL	28 days F or RT	D5W	≤80 mg - 50 mL >80 mg - 100 mL Fluid Restr: 25 mL	30 days F				same BUD for dilution in NS
VANCOMYCIN ³ (PPC, Hospira)	500 mg 1 g 5 g 10 g	5 mL SWFI 10 mL SWFI 48 mL SWFI 95 mL SWFI	100 mg/mL	24 hr F	D5W	≤500 mg - 100 mL 500 to 1250 mg - 250 mL >1250 mg-500 mL max: 5 mg/mL	30 days F			500 mg/100mL D5W 750 mg/250mL D5W 1,000mg/250mL D5W 1,250mg/250mL D5W 1,500mg/500mL D5W 1,750mg/500mL D5W 2,000mg/500mL D5W	reconstitution volumes differ from the manufacturer vol; same BUD for dilution in NS

VOLUME ADDITIONS TO COMMERCIAL IV BAGS:

IV bag size	may add up to	maximum volume allowed
25 mL	25 mL	50 mL
50 mL	25 mL	75 mL
100 mL	50 mL	150 mL
250 mL	50 mL	300 mL
500 mL	50 mL	550 mL
1000 mL	100 mL	1100 mL

For addition of **larger volumes**:

Withdraw sufficient volume from bag in order to not exceed maximum volume allowed.

For infusions administered in **standard concentrations**:

consult the admixing instructions indicated on the infusion chart page, in the **Parenteral Drug Therapy Manual**.

Follow Table for Selection of appropriate Syringe Size

syringe size	range of acceptable measurable volume	maximum volume for final dispensing
1 mL	0.5 - 1 mL	0.75 mL
3 mL	0.6 - 3 mL	2.3 mL
5 mL	1 - 5 mL	3.6 mL
6 mL	1.2 - 6 mL	4.5 mL
10 mL	2 - 10 mL	7.5 mL
12 mL	2.4 - 12 mL	9 mL
20 mL	4 - 20 mL	15 mL
30 mL	6 - 30 mL	22.5 mL
35 mL	7 - 35 mL	26 mL
60 mL	12 - 60 mL	50 mL
Use one syringe to measure total dose		
Select smallest syringe for best accuracy		
Measure a maximum of 5 doses in a single syringe		

DRUG (Manufacturer or Brand Name)	CONCENTRATED SOLUTION (reconstituted or premixed commercial vial / amp)				DILUTED SOLUTION (minibag, minibag-plus)					Available to Sites for stock from PDDC	Additional Information
	Size	Diluent	Soln Conc	Beyond Use Date	MINIBAG			MINIBAG-PLUS or COMMERCIAL PREMIX			
					Std IV Soln	Bag Vol or Max Conc	Beyond Use Date	Dose	Beyond Use Date		

Minibags stored at Room Temperature

minibags with listed BUD under Refrigeration could be stored at Room Temperature for up to 24 hours.

Needles and dispensing pins used maximum 5 times.

Needle selection determined by viscosity of soln and stopper - generally 18 to 21G

Once the vial is removed from the hood dispensing pin cannot be transferred to another vial.

Maximum 5 punctures to bag port if needle gauge is **19 to 25G**

Maximum 1 puncture to bag port if needle gauge is **18G or less**

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