ANITMICROBIAL Acyclovir 5—15 mg/kg Q8H^^^ Acyclovir-VZV 800 mg po q4 h (5x/day) Ampicillin 2 gm Q6H / 2 gm Q4H~ Amp/Sulbactam 3 gm Q6H Amox/clavulanate 875/125 mg Q12H Aztreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan 1—2 gm Q12H / ~	CLCr 50—20 ml/min 5—15 mg/kg Q12H No change No Change 3 gm Q8H No Change No Change	CLCr 19—10 ml/min 5—15 mg/kg Q24H 800 mg po Q8—12 H 1—2 gm Q6—8H 1.5—3 gm Q12H	CLCr <10 ml/min 2.5mg/kg Q24H 5 mg/kg Q24H (VZV) 400—800 mg po Q12H 1—2 gm Q8—12H 1.5 gm Q12H, or
5—15 mg/kg Q8H^^^ Acyclovir-VZV 800 mg po q4 h (5x/day) Ampicillin 2 gm Q6H / 2 gm Q4H~ Amp/Sulbactam 3 gm Q6H Amox/clavulanate 875/125 mg Q12H Axtreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H	No change No Change 3 gm Q8H No Change	800 mg po Q8—12 H 1—2 gm Q6—8H 1.5—3 gm Q12H	5 mg/kg Q24H (VZV) 400—800 mg po Q12H 1—2 gm Q 8 —12H
800 mg po q4 h (5x/day) Ampicillin 2 gm Q6H / 2 gm Q4H~ Amp/Sulbactam 3 gm Q6H Amox/clavulanate 875/125 mg Q12H Attreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	No Change 3 gm Q8H No Change	1—2 gm Q6— 8 H 1.5—3 gm Q12H	1—2 gm Q 8 —12H
Ampicillin 2 gm Q6H / 2 gm Q4H~ Amp/Sulbactam 3 gm Q6H Amox/clavulanate 875/125 mg Q12H Attreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefetan	3 gm Q8H No Change	1.5—3 gm Q12H	
Amp/Sulbactam 3 gm Q6H Amox/clavulanate 875/125 mg Q12H Axtreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H* Cefeyime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	No Change		1.5 cm O12H or
3 gm Q6H Amox/clavulanate 875/125 mg Q12H Axtreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	No Change		
Amox/clavulanate 875/125 mg Q12H **Aztreonam** 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	<u> </u>		1.5 gm Q12H, or 1.5—3 gm Q24H
Aztreonam 1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	No Change	875/125 mg Q24H	500/125 mg Q24
1—2 gm Q6—8H Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	No Change	4 2 7 14 05 4 000	1 2 1 11 125 500 00 11
Cefazolin 2 gm Q8H~ Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan		1—2 gm Load then 0.5—1 gm Q8H	1—2 gm Load then 125—500 mg Q8 H
Cefepime 1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	1 gm Q8	1—2 gm Q12H	1—2 gm Q24H
1—2 gm Q12H / 2g Q8H* Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan			
Cefixime 400 mg Q24H or 200 mg Q12H Cefotetan	1 gm Q12H / 2 gm Q12H*	1 gm Q24H (if MIC ≤ 2) / 1 gm Q12H* otherwise	500 mg Q24H / 1 gm Q24H*
Cefotetan	No Change	300 mg Q24H	200 mg Q24H
	No Change	1—2 gm Q24H	1—2 gm Load then 1 mg Q 48 (or 500 mg Q12)
	No Change	1—2 giii Q24H	1—2 gill Load then 1 ling Q 46 (or 500 ling Q12)
Cefoxitin	1—2 gm Q8H	1—2 gm Q12H	0.5—1 gm Q12—24H
1—2 gm Q6H / 2 gm Q4H~ Ceftaroline fosamil	400mg Q12H	300mg Q12H	200mg Q12H
600mg Q12H (Q8H for bloodstream)	400mg Q1211	300111g Q1211	20011g Q1211
Ceftazidime	1 gm Q12H	1 gm Q24H	0.5 gm Q24H
1—2 gm Q8H Ceftizoxime	1 gm Q12H	0.5—1 gm Q12H	0.5—1 gm Q24H
1—2 gm Q8H	i gili Qizh	0.5—1 gili Q12H	0.5—1 giii Q24H
Ceftriaxone	No Change	No Change	No Change, consider 2 gm Max/d if liver liver + renal
1—2 gm Q12—24H Cefuroxime	No Change	0.75 gm Q12H	0.75 gm Q24H
0.75—1.5 gm Q8H	140 Change	0.73 giii Q1211	0.73 giii Q2411
Cephalexin	No Change	250—500 mg po Q8—12 H	250—500 mg po Q 12—24H
250—500 mg po Q6H Cidofovir	Not Decommended	Not Dogommondod	Not Decommended
Cidotovir 5 mg/kg Q Week x2 (Induction)	Not Recommended	Not Recommended	Not Recommended
Ciprofloxacin	No Change	400 mg IV Q18H	400 mg IV Q24H (Q1820?)
400 mg Q8—12H 500—750 mg po Q 12 H	500 mg po Q12H	500 mg po Q12H	500 mg no O1911
Clarithromycin	500 liig po Q12H	500 liig po Q12H	500 mg po Q18H
250—500 mg po Q12H OR	No Change	250 mg po Q 12H	250—500 mg q 24
1 gm po Q24H of XL Colistin (colistin base activity in mg)	>50=> 2.5mg/kg/dose Q12H	2.5mg/kg/dose Q48H	2.5mg/kg/dose Q48H
5mg/kg load for all (ideal body weight)	20-50=> 2.5mg/kg/dose Q1211 20-50=> 2.5mg/kg/dose Q24h	2.5mg/kg/dose Q4611	2.5mg/kg/dose Q4611
Colistin (alternate)	4.5 MU/day divided Q12H	4.5 MU Q48H	4.5 MU Q48H
load 9 MU (ideal body weight) Ertapenem	<30 => 500 mg Q24H	500 mg Q24H	500 mg Q24H
1gm Q24H	<u>550 -></u> 500 mg Q2411	300 mg Q2411	300 mg Q2411
Erythromycin	No Change	No Change	0.5 gm Q6H
0.5—1 gm Q6H Ethambutol (E) (ideal body weight)	No Change	15—25 mg/kg Q 36	15—25 mg/kg Q 48
15—25 mg/kg Q day	No Change	13—23 mg/kg Q 30	13—23 mg/kg Q 40
Ethionamide			
0.5—1 gm Q24H Fluconazole	No Change 200—400 mg Q 24	No Change 200 mg q 24	No Change 100—200 mg Q24H
12 mg/kg IV load on day one, 400 mg Q 24H	200—400 mg Q 24	200 mg q 24	100—200 mg Q2411
Foscarnet~~	Complicated		
60 mg/kg Q8H / 90 mg/kg Q12H (I) 90 mg/kg Q24H (M)			
Flucytosine	25 mg/kg Q12H	25 mg/kg mg/kg Q24H	25 mg/kg Q24—48H (adjust using Cp)
25—37.5 mg/kg Q 6H			
Ganciclovir (IV) 5 mg/kg Q12H induction (I)	50—70=> 2.5 mg/kg Q12(I) 2.5 mg/kg Q24(M) 20—50=>2.5 mg/kg Q24H (I) 1.25 mg/kg Q24H (M)	1.25 mg/kg Q24H (I) 0.625 mg/kg Q24H (M)	1.25 mg/kg TIW (I) 0.625 mg/kg TIW (M)
5 mg/kg Q24H maintanence (M)	20—30—2.3 mg/kg (2411 (1) 1.23 mg/kg (2411 (W)	0.025 mg kg (2411 (W)	0.025 mg kg 11w (W)
Ganciclovir (PO) maintenance	50—70=> 1000 mg Q12H	10—25=> 500 mg Q24H	500 mg TIW
1000 mg Q8H Gatifloxacin	25—50=> 1000 mg Q24H < 40—400 mg load then 200 mg Q24H	400 mg load then 200 mg Q24H	400 mg load then 200 mg Q24H
400 mg Q24H	—	TOO HIS TOOL WELL ZOO HIS QZ4FI	
Imipenem	500 mg Q8 OR 250 mg Q6H	0.25—0.5 gm Q8—12H	0.25 gm Q12H
0.5 gm Q6H Isoniazid (H)	20—40=> 250 mg Q6—8H No Change	No Change	150 mg in slow acetylators
300 mg po q 24	Change	1.0 Change	,
Itraconazole	No Change	No Change (IV not recommended Cr Cl < 30	IV not recommended Cr Cl < 30 (cyclodextrin)
Load x4 doses 200 mg Q12H; then Q24H (PO or IV) Levofloxacin	500—750 mg x1, then 250—375 mg Q24H or 750	(cyclodextrin)) 500—750 mg x1, then 250 mg Q24H	500—750 mg x1, then 250—500 mg Q48H
500—750 mg Q24H	mg Q48H		
Meropenem	1 gm Q8—12H	1 gm Q12H	0.5 Q24H
1—2 gm Q8—12H / 2 gm Q8H (meningitis)~ Penicillin G	40—60 =1—2 MU Q4	1 MU Q6	1 MU Q6—8H
1—4 MU Q4H	20—40 =1—2 MU Q4 20—40 =1—2 MU Q6	1 Q Q Q	
Pentamidine	4 mg/kg Q24	4 mg/kg Q36H	4 mg/kg Q48H
4 mg/kg/d Q24H Piperacillin	4 gm Q6H	3—4 gm Q8H	3 gm Q8H or 3—4 gm Q12
3—4 gm Q 4 H	-		
Pip/Tazo	2.25—3.375 gm Q6H or 4.5 gm Q8 H	3.375 gm Q8H or 4.5 gm Q12	2.25 gm Q8H
3.375—4.5 gm Q6H / Pseudomonas—3.375 gm Q4H Pyrazinamide (ideal body weight)	\leq 30 => 25-35mg/kg 3x/week; same dose for CRRT	<30 => 25-35mg/kg 3x/week	$\leq 30 \Rightarrow 25-35$ mg/kg 3x/week; same dose for HD, give
20—25mg/kg/day PO Q24H			dose after HD when possible
Quinine	No Change	7.5—10 mg/kg Q12H	7.5—10 mg/kg Q24H
7.5—10 mg/kg Q8H (650 mg po Q8H)		Metabolic Cl; inc binding to AAP; 3OH accumulates—dec dose by 1/3 after 3 day	Metabolic Cl; inc binding to AAP; 3 OH accumulates —dec dose by ½ after 3 days
Quinupristin/Dalfopristin	No Change	No Change	No Change
7.5 mg/kg Q8—12H	2 OALL OR	2 0011 OD	2 01211
Ticarcillin/Clavulanate 3.1 gm Q4—6H	2 gm Q4H OR 3.1 gm Q6H	2 gm Q8H OR 3.1 gm Q12H	2 gm Q12H
Tigecycline	No Change	No Change	No Change
100 mg x1, then 50-100 mg Q12H	(20 -> 75 TMP) /1 1: 1 1 2 2 2 2 2	F TMD/I-r/d CO W	2 TMD/L-/100 W
Trimethoprim/Sulfa ** 10 mg TMP/kg/d divided Q8H	< 30 => 7.5 mg TMP/kg/d divided Q12H < 30 => PCP 12 mg TMP/kg/d divided Q12H	5 mg TMP/kg/d Q24H PCP 7.5 mg/kg TMP Q24H	3 mg TMP/kg/d Q24H PCP 5—7.5 mg/kg TMP Q 24

ANITMICROBIAL	CLCr 50—20 ml/min	CLCr 19—10 ml/min	CLCr <10 ml/min
Trimetrexate	100%	50-100%	No Data; ? avoid
1.2 mg/kg Q24H/ 45 mg/m2 Q24H +Leucovorin			
Valacyclovir	No Change	0.5—1 gm Q12—24H	500 mg Q24H
variable			
Valganciclovir – Induction	Normal to ¾ Dose	½ Dose	450 mg Q48H x3 wks, then 450 mg BIW
900 mg BID x 3 wks			
Valganciclovir – Maintenance	40—59=> 450 mg Q24H	10-24=> 450 BIW	Use ganciclovir PO dosing for CLCr < 10
900 mg Q24H	25—39=> 450 mg Q48H		
Vancomycin (ideal body weight) §	40—60=> 15 mg/kg Q24H	15 mg/kg Q48—72H	15 mg/kg Q4—7d
1—1.5 gm Q12H (based on TBW, 15—25 mg/kg)	20-40=> 15 mg/kg load then 7.5 mg/kg Q24H		
Voriconazole	No Change	No Change (IV NOT recommended for CLcr <	No Change (IV NOT recommended for CLcr < 50,
4—6 mg/kg Q12H (6 mg/kg load)		50, cyclodextran)	cyclodextran)

The following drugs do NOT need dosage adjustment in renal failure: amphotericin B (any formulation), atovaquone, azithromycin, caspofungin, chloramphenicol (increased bioavailability of chloramphenicol from succinate ester, target 5—20µg/mL), clindamycin, clofazamine dapsone, dicloxacillin, dirithromycin, doxycycline, linezolid, mefloquine, metronidazole, micafungin, miconazole, minocycline, moxifloxacin, nafcillin, oxacillin, primaquine, pyrimethamine, quinupristin/dalfopristin, rifampin, rifabutin, rifapentine, tigecycline

~Wakaimini recommended uose is 12gin per day [CID;2517—92.4, unit.0.1093/ciDiction151]. Amplicit in the post-Rx hydration.
~Colistin dosing as "colistin base activity" (CBA) in mg rather than international units. For colistin base lmg = 30,000 IU. CMS lmg = 12,500 IU. C_{86,308} = target blood level [AAC;555:3284, doi:10.1128/AAC.01733-10] —Colistin dosing based on prior data. No PK evaluation, but validated in [CID;54:1720. 2012]. load CBA (mg) = (C_{86,308})*2*(weight in kg); Daily dose CBA (mg) = (C_{86,808})(1.5*CrCL+30). Using UCLA guide now. Syancomycin continuous infusion calculation following 1g load. (g/24h) = [0.0261 x CL₆₇ (ml/min) + 1.78] x target C₈₆ (mg/L) X (24/1000) [Int/AntmicrobAgents;37:75, doi:10.1016/j.ijantimicag.2010.09.004] The following drugs may require dosage adjustment in hepatic failure: aztreonam (20—25% reduction +/-), carbenicillin (2g/d max ren+hep), caspofungin (35 mg Q24H moderate disease), cefoperazone (max 4g/d or monitor).

lvl, 2g/d ren+hep), ceftriaxone (2g/d ren+hep), chloramphenicol (target 5—20µg/mL), findamycin (+/- if severe), itraconazole (caution, 2-fold increased T½), metroindazole (+/-, target peak 10—20 µg/mL), mezlocillin (dec 50%), nafcillin (+/- if ren+hep), rimantidine (max 100mg/d), ticarcillin (2g/d if ren+hep), tigecycline (100mg load, then 25mg q12H), voriconazole (6mg/kg Q12H x2, then 2 mg/kg Q12H).

<u>Intraperitoneal Dosing</u> . Dose per each 2 liter exchange, IP unless otherwise noted.				Hartford ODA Dose Adjustment Nomogram (gent/tobra 7mg/kg)
Ampicillin	load 250 mg, maintenance 125 mg	ANTIMICROBIAL	INTRATHECAL DOSING	14
Aztreonam	load 1 gm, maintenance 500 mg			12
Cefamandole	load 1 gm, maintenance 500 mg	Amikacin	5—7.5 mg Q24H	
Cefazolin	load 1 gm, maintenance 250—500 mg		0 110 110 42 111	10
Cefepime	load 1 gm, maintenance 250 mg	Colistin	3.2—10 (20) mg Q24H	948h
Cefoxitin	load 1 gm, maintenance 200 mg		. , , , ,	
Ceftriaxone	load 1 gm, maintenance 250—500 mg	Gentamicin/Tobramycin	4—8 mg Q24H	7 q36h
Ciprofloxacin	load 0.5 gm PO, then maintenance 50 mg IP		_	6 45000
Clindamycin	load 300 mg, maintenance 150 mg	Vancomycin	5—20 mg Q24H	5
Colistin	2mg/kg/d			4 q24h
Fluconazole	150 mg QOD			
Flucytosine	load 2 gm PO, then maintenance 1 gm PO QD	Aminoglycoside Dosing CVVF	I/D/DF Maintenance D	osage 2
Gentamicin	load 2 mg/kg, maintenance 8-12 mg	3,333		
Nafcillin	load 250 mg(?), maintenance 125 mg	Gentamicin/Tobramycin 3mg/k	g load IBW 2 mg/kg Q24-	-48H 6 7 8 9 10 11 12 13 14 15 16
Imipenem	load 1 gm, maintenance 200 mg			Time between start of infusion and sample draw (hours)
Piperacillin	load 4 gm IV, then maintenance 500 mg	Amikacin 10 mg/kg load IBW	7.5 mg/kg Q24	—48H
Vancomycin	2 gm (30 mg/kg) Q5—7 days			

vanconiyeni	2 giii (30 iiig/kg) Q3—7 uays			
ANITMICROBIAL	HEMODIALYSIS (HD) DOSING	CVVH DOSING	CAVHD / CVVHD / CVVHDF DOSE	CAPD DOSING
Acyclovir	Dose for CLCr <10, supplement 2.5-5mg/kg after HD	5—7.5 mg/kg Q24H	5—7.5 mg/kg Q24H	Dose for CLCr <10
Aminoglycosides IBW	½ Full Dose AD & Follow Levels		Follow Levels	Follow Levels
Ampicillin	Dose AD		Dose for CLCr 20—50	250 mg Q12H
Ampicillin/Sulbactam	Dose AD	3 gm Q12H	3 gm Q8H	1.5-3 gm Q24H
Amoxicillin/clavulanate	Dose AD		Dose for CLCr 20—50	250/125 mg Q12H
Aztreonam	Supplement 0.5 gm AD	1—2 gm Q12H	2 gm Q12H or Dose for CLCr 20—50	Dose for CLCr <10
Cefazolin	Dose AD or Supplement 1 gm AD or 20mg/kg/HD	1—2 gm Q12H	2 gm Q12H or Dose for CLCr 20—50	0.5 gm Q12H
Cefepime	2 gm load, then 0.5 gm Q24H; 2 gm AD supplement	1—2 gm Q12H	2 gm Q12H	Dose for CLCr <10
Cefixime	Supplement 300 mg AD		No Data	Dose for CLCr <10
Cefotetan	Supplement 1 gm AD		0.75 gm Q12H	Dose for CLCr <10
Cefoxitin	Dose AD or Supplement with 1 gm AD		Dose for CLCr 20—50	1 gm Q24H
Ceftazidime	Supplement 1 gm AD	1—2 gm Q12H	Dose for CLCr 20—50	0.5 gm Q24H
Ceftizoxime	Supplement 1 gm AD	- B (Dose for CLCr 20—50	0.5-1 gm Q24H
Ceftriaxone	No Change	No Change	No Change	No Change
Cefuroxime	Dose AD	1.0 0.000	1 gm Q12H	Dose for CLCr <10
Cidofovir	No Data		Avoid Use	No Data
Ciprofloxacin	Dose for CLCr <10	200 mg Q12H	200—400 mg Q12H	Dose for CLCr <10
Clarithromycin	Dose AD	200 mg Q1211	Dose for CLCr <10	Dose for CLCr <10
Colistin	5mg/kg x1 then 30mg Q12H	5mg/kg x1 then 100mg IV Q12H	5mg/kg x1 then 100mg IV Q12H	Bose for GEGI 110
Daptomycin	4—6 mg/kg Q48H	4—6 mg/kg Q48H	4—8 mg Q48H	
Ertapenem	500mg Q24H, 150 mg AD supplement	4 Unigras Q4011	4 0 mg Q4011	1 gm Q24H
Erythromycin	No Change		No Change	No Change
Ethambutol	25 mg/kg 4H before HD 3x/week		Dose for CLCr 20—50	Dose for CLCr <10
Ethionamide	No Change		No Change	No Change
Famciclovir	Dose AD	l .	Dose for CLCr 20—50	No Data
Fluconazole	Dose AD	400 mg Q24H	800 mg Q24H	140 Duta
Foscarnet	Dose AD	400 mg Q2411	Dose for CLCr 20—50	Dose for CLCr <10
Flucytosine	Dose AD: usual load, then follow levels		Dose for CLCr 20—50	0.5—1 gm Q24H
Ganciclovir	Dose AD		Dose for CLCr 20—50	Dose for CLCr <10
Imipenem	Dose AD/ Not Recommended	250 mg Q6H or 500 mg Q8H	500 mg Q8—6H	Dose for CLCr <10
Itraconazole	Dose for CLCr <10	250 Hig Q011 01 500 Hig Q011	100 mg Q12—24H	100 mg Q12—24H
Levofloxacin	Dose for CECt >10	500 mg x1, then 250 mg Q24H	500 mg x1, then 250 mg Q24H	100 Hig Q12—2411
Linezolid	Supplement 200 mg AD	No Change	No Change	No Change
Meropenem	Dose AD	1 gm Q12H or Dose for CLCr 20—50	1 gm Q12H or Dose for CLCr 20—50	Dose for CLCr <10
Metronidazole	Dose AD Dose AD	1 gill Q12H of Dose for CLCr 20—50	Dose for CLCr 20—50	Dose for CLCr <10
Penicillin G	Supplement 0.5 MU AD		Dose for CLCr 20—50 Dose for CLCr 20—50	Dose for CLCr <10
Pentamidine	No Dosage Adjustment		DOSE TOT CECT 20—30	Dose for CLCr <10
Piperacillin	Supplement 1 gm AD		Dose for CLCr 20—50	Dose for CLCr <10
		2.25 OCH		
Pip/Tazo	Supplement 1/3 Dose AD Dose AD	2.25 gm Q6H	2.25—3.375 gm Q6H or Dose for CLCr 20—50 Dose for CLCr 20—50	Dose for CLCr <10
Quinine			Dose for CLCF 20—50	Dose for CLCr <10
Quinupristin/Dalfopristin	No Dosage Adjustment	2 00 011	24 004 B 6 040 20 50	D (010 11
Ticarcillin/Clavulanate	Supplement 3.1 gm AD	2 gm Q6—8H	3.1 gm Q6H or Dose for CLCr 20—50	Dose for CLCr <10
Trimethoprim/Sulfa **	Dose AD		No Data	0.16/0.8 gm Q48H
Trimetrexate	No Data	45 05 d l l d . 040X l	No Data	No Data
Vancomycin	Dose for CLCr <10	15—25 mg/kg load, 1 gm Q48H, check levels	15—25 mg/kg load, 1 gm Q24H, check levels	Dose for CLCr <10
Voriconazole	IV Not recommended, PO usual dose	6 mg/kg Q12H x2, load, then 4 mg/kg PO Q12H	6 mg/kg Q12H x2, load, then 4 mg/kg PO Q12H	Dose for HD

JUNE 2002 ORIGINAL [A. Gregson]; JUNE/AUGUST 2006 Slight modifications (included updates from CID;41:1159—66, CID;40:1333—41, PMID: 12760858) [A. Gregson]; FEBRUARY 2007 (minor mod) [A. Gregson]; JANUARY 2008 (minor mod) [A. Gregson]; MARCH 2008 (updated colistin dosing RF & IT from G&G 4th Ed. 1970 p1290—1) [A. Gregson]; MARCH 2011 [A. Gregson]; March—May 2012 [A. Gregson]; January, July 2013 [A. Gregson]; March 2015 [A. Gregson]

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^{*}Neutropenic Dosing. Pip/tazo 3.375 gm Q4H better than continuous infusion (CI) of 13.5 gm (PMID: 16029947). Cefepime 4 gm CI > 1 gm Q8H (2 gm Q8H not assessed, use for CNS & ESBL with < 16 mg/L)
**TMP/SMX listed dosing is for GNR infections other than Stenotrophomonas. Pneumocystis treatment dose is 15 mg TMP/kg/d divided Q6-8H. Stenotrophomonas infection dose is 15-20 mg TMP/kg/d divided Q6H.
^Dosages are not necessarily appropriate for Endocarditis.

Mosages given are for parenteral therapy unless otherwise specified.

MAcyclovir dose is for HSV infections. VZV dose is 12.5-15 mg/kg Q8H. Infectious Disease Consultation is recommended for disseminated disease or encephalitis.

Maximum recommended dose is 12gm per day [CID;52:917—924, doi:10.1093/cid/cir031]. Ampicillin can push to 18—24g/day