

		>60ml/min	30-60ml/min	11-29ml/min	<11ml/min	HD	
Cefepime	PSA, bacteremia, febrile neutropenia	2gm q8h	2gm q12h	2gm q24h	1gm q24h	1gm q24h after HD	
	SSTI, Intra-abdominal	2gm q12h	2gm q24h	1 gm q24h	500mg q24h	500mg q24h after HD	
	UTI	1gm q12	1gm q24h	500mg q24h	250mg q24h	500mg q24h after HD	
		>50ml/min	30-50ml/min	10-29ml/min	5-9ml/min	<5ml/min	HD
Cefoxitin	Mod-Severe Infection	2gm q6-8h	2gm q8-12h	2gm q12-24h	1gm q12-24h	1gm q24-48h	2gm q24h extra 1gm after HD
	Uncomplicated Infection	1gm q6-8h	1gm q8-12h	1gm q12-24h	500mg q12-24h	500mg q24-48h	2gm q48h extra 1gm after HD
		>30ml/min		<30ml/min		HD	
Cefpodoxime (PO)	SSTI	400mg q12h		400mg q24h		400mg 3x week after HD	
	CAP/Sinusitis	200mg q12h		200mg q24h		200mg 3x week after HD	
	UTI/Pharyngitis	100mg q12h		100mg q24h		100mg 3x week after HD	
		>50ml/min	30-50ml/min	15-30ml/min	<15ml/min	HD	
Ceftaroline		600mg q12h	400mgq12h	300mg q12h	200mg q12h	200mg q12h after HD	
		>50ml/min	30-50ml/min	15-30ml/min	6-15ml/min	<5ml/min	HD
Ceftazidime	Severe infections, PSA	2gm q8h	2gm q12h	2gm q24h	1gm q24	1gm q48h	1gm q24h after HD
	Mild-mod infections	1gm q8h	1gm q12h	1gm q24h	500mg q24h	500mg q48h	500mg q24h after HD
		>30ml/min		10-30ml/min	<10ml/min		HD
Cefuroxime (PO)	Bronchitis/SSTI	500mg q12h		500mg q24h	500mg q48h		500mg q48h-extra dose after HD
	UTI/Sinusitis	250mg q12h		250mg q24h	250mg q48h		250mg q48h-extra dose after HD
		>20ml/min		10-20ml/min	<10ml/min		HD
Cefuroxime (IV/IM)	Septicemia, meningitis, Intra-abdominal, bone & joint	1.5gm q6-8h		1.5gm q12h	1.5gm q24h		1.5gm q24h after HD
	SSTI, UTI	750mg q8h		750mg q8h	750mg q24h		750mg q24h after HD
		>50ml/min	10-50ml/min	<10ml/min		HD	
Cephalexin (PO)	SSTI, Group A Strep	500mg q6h		500mg q8-12h	500mg q12-24h		250mg q12-24h after HD
	Pharyngitis, UTI	250mg q6h		250mg q8-12h	250mg q12h-24h		250mg q12-24h after HD

		>50ml/min	30-50ml/min	5-29ml/min	HD
Ciprofloxacin (PO)	Mod/Severe Infection	500-750mg q12h	250-500mg q12h	500mg q24h	250-500mg q24h after HD
	Uncomplicated UTI	250mg q12h	250mg q12h	250mg q24h after HD	
		>60ml/min	30-60ml/min	<30ml/min	HD
Ciprofloxacin (IV)	HCAP/Febrile neutropenia	400mg q8h	400mg q12h	400mg q24h	400mg q24h after HD
	Mild/Mod Infection	400mg q12h	400mg q24h	400mg q24h after HD	
		>60ml/min	30-60ml/min	<30ml/min	HD
Clarithromycin (PO)	COPD exacerbation (H flu), CAP	500mg q12h	No adjustment unless on ritonavir or atazanavir then reduce dose by 50%	250mg q12; if on ritonavir or atazanavir then reduce initial dose by 75%	250mg q12 after HD; if on ritonavir or atazanavir then reduce initial dose by 75%
	CAP, SSTI, COPD (M. cat and S. pneumo)	250mg q12h	No adjustment unless on ritonavir or atazanavir then reduce dose by 50%	125mg q12; if on ritonavir or atazanavir then reduce initial dose by 75%	125mg q12 after HD; if on ritonavir or atazanavir then reduce initial dose by 75%
		>30ml/min	<30ml/min	HD	
Enoxaparin	Prophylaxis	40mg q24h	30mg q24h	30mg q24h	
	Treatment	1mg/kg q12h	1mg/kg q24h	1mg/kg q24h	
		>30ml/min	<30ml/min	HD	
Ertapenem		1gm q24h	500mg q24h	500mg q24h (additional 150mg if dose given within 6hr of HD)	
		>50ml/min	<50ml/min	HD	
Famotidine	SUP, GERD	20mg BID	Reduce dose by 50%	Reduce dose by 50%	
		>50ml/min	<50ml/min	HD	
Fluconazole	Candidemia	800mg LD, 400mg q24h	800mg LD, 200mg q24h	200mg q24h after HD	
	UTI	200-400mg q24h	100-200mg q24h	100-200mg q24h after HD	
	Esophageal candidiasis	200mg q24h	100mg q24h	100mg q24h after HD	
	Thrush	200mg LD, 100mg daily	200mg LD, 50mg q24h	50mg q24h after HD	

		>50 ml/min		30-50 ml/min		<30 ml/min				
Fondaparinux	Prophylaxis	2.5 mg q24h (≥50 kg); Contraindicated <50 kg		Use with caution		Alternative Therapy				
	Treatment	5 mg q24h (<50 kg); 7.5 mg q24h (50-100 kg); 10 mg q24h (>100 kg)		Use with caution		Alternative Therapy				
		>50ml/min		20-49ml/min		10-19ml/min		HD		
Levofloxacin	HAP, CAP, Intra-abdominal	750mg q24h		750mg q48h		750mg LD, 500mg q48h		750mg LD, 500mg q48h		
	UTI	250mg q24h		250mg q48h		250mg q48h				
		>50ml/min	26-50 ml/min		10-25ml/min		<10ml/min		HD	
Meropenem		1gm q8h	1gm q12h		500gm q12h		500mg q24h		500mg q24h after HD	
		>60ml/min		<60ml/min		HD				
Nitrofurantoin	UTI	100mg q12h				Alternative therapy recommended				
		>60ml/min		>30-60ml/min		>10-30ml/min		HD		
Oseltamivir	Treatment dosage	75mg BID x 5 days		30mg BID x 5 days		30mg daily x 5 days		30mg daily after HD		
		>40ml/min		20-40ml/min		<20ml/min		HD		
Piperacillin/ Tazobactam	HCAP/PSA	4.5gm q6h		3.375gm q6h		2.25gm q6h		2.25gm q8h after HD		
		3.375gm q6h		2.25gm q6h		2.25gm q8h		2.25gm q12h after HD		
		>30ml/min		15-30ml/min		<15ml/min		HD		
SMX/TMP (PO) Bactrim	UTI,GI, SSTI	800/160mg q12h (DS)		400/80mg q12h (SS)		Alternative therapy (unless PCP or serious infection)				
	PCP prophylaxis	800/160mg q24h (DS)		400/80mg q24h (SS)		Alternative therapy (unless PCP or serious infection)				
SMX/TMP (IV) Bactrim		5-20mg/kg/day of TMP divided q6-q8h		5-20mg/kg/day of TMP divided q12 for 24-48h then reduce dose 50% q24h.		Alternative therapy if available 5-20mcg/kg q48h		Alternative therapy if available 2.5-10mcg/kg q24h or 5-20mcg/kg q24h after HD		
		>50ml/min	30-49ml/min		10-29ml/min		<10ml/min		HD	
Telavancin		10mg/kg q24h		7.5mg/kg q24h		10mg/kg q48h		Not studied		