

ADJUSTING ORAL ANTIBIOTICS TO ESTIMATED CREATININE CLEARANCE

Medication	>50mL/min	30-50mL/min	<30mL/min	HD ¹	CAPD ²
Amoxicillin*	250-500mg TID	250-500mg TID	250-500mg BID	250-500mg BID ³	250mg BID
Amoxicillin/Clavulanate* (Clavulin [®])	250-500mg TID	250-500mg TID	250-500mg BID	250-500mg BID ³	250-500mg BID
Azithromycin	250-500mg daily	250-500mg daily	250-500mg daily	250-500mg daily	250-500mg daily
Cefixime	400mg daily	400mg daily	200mg daily	200mg daily	200mg daily
Cefuroxime axetil	250-500mg BID-TID	250-500mg BID-TID	250-500mg BID	250-500mg BID ³	250-500mg BID
Cephalexin*	250-500mg QID	250-500mg TID-QID	250-500mg BID-TID	250-500mg BID ³	250-500mg BID
Ciprofloxacin*	250-500mg BID	250-500mg BID	500mg daily	500mg daily ³	500mg daily
Clarithromycin XL	1g daily	1g daily	500mg daily	500mg daily	500mg daily
Clindamycin	150-600mg TID	150-600mg TID	150-600mg TID	150-600mg TID	150-600mg TID
Cloxacillin	250-500mg QID	250-500mg QID	250-500mg QID	250-500mg QID	250-500mg QID
Cotrimoxazole (DS ⁴ = TMP ⁵ 160mg; SS ⁶ = TMP ⁵ 80mg)	DS BID ⁷	DS BID ⁷	DS daily ⁷ or SS BID ⁷	DS daily ^{3,7} or SS BID ^{3,7}	SS BID ⁷
Doxycycline	100mg daily-BID	100mg daily-BID	100mg daily-BID	100mg daily-BID	100mg daily-BID
Erythromycin	250-500mg QID	250-500mg QID	250-500mg QID	250-500mg QID	250-500mg QID
Fluconazole*	100-400mg daily	100-200mg daily (400mg daily*)	100-200mg daily	100-200mg q24h ³ or 200-400mg DAD ³	100-200mg daily
Linezolid	600mg BID	600mg BID	600mg BID	600mg BID ³	600mg BID
Metronidazole	500mg BID-TID	500mg BID-TID	500mg BID-TID	500mg BID-TID	500mg BID-TID

¹HD = hemodialysis; ²CAPD = continuous ambulatory peritoneal dialysis; ³on dialysis days, give at least one dose after dialysis; ⁴DS = Double Strength; ⁵TMP = trimethoprim; ⁶SS = Single Strength; ⁷refer to IV dosing for treatment of severe systemic infections
*for invasive infections, higher doses and/or intervals may be required

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Medication	>50mL/min	30-50mL/min	<30mL/min	HD ¹	CAPD ²
Moxifloxacin	400mg daily	400mg daily	400mg daily	400mg daily	400mg daily
Nitrofurantoin	50-100mg QID (100mg BID MacroBID ³)	Avoid	Avoid	Avoid	Avoid
Penicillin VK	300-600mg BID-QID	300-600mg BID-QID	300-600mg BID-QID	300-600mg BID-QID ³	300-600mg BID-QID
Tetracycline	≥80mL/min: 250-500mg QID; 50-80 mL/min: 250-500mg BID-TID	250-500mg BID-daily	250-500mg BID-daily ≤10mL/min: Avoid	Avoid	Avoid
Valacyclovir	500-1000mg q8-12h	500-1000mg q8-12h	500-1000mg q12h	500-1000mg daily ³	500-1000mg daily

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