

UTMB Restricted Anti-infectives/Antiretrovirals

Purpose: To ensure the appropriate use of anti-infectives and antiretrovirals. These agents are restricted due to their broad spectrum activity, high cost, or drug shortages.

Guidance: The following medications require ID approval. An ID faculty member or fellow is required to provide verbal or documented approval before verification by a pharmacist.

Anti-infectives

Generic Medication	Additional Restriction(s)	Standard Dose	Cost (\$) /day [†]
Acyclovir	IV form only (shortage)	5-10 mg/kg Q8h IV	16
Amikacin	Shortage	7.5 mg/kg Q12h IV	11
Liposomal Amphotericin B		3-5 mg/kg q24h IV	423
Cefepime	Febrile neutropenia, shortage	1 g q12h- 2 g q8h IV	8-25
Ceftaroline		600 mg q12h IV	285
Ceftazidime	Neonates; ophthalmology as intravitreal formulation only	2 g q8h IV	26
Ciprofloxacin		PO: 500 mg Q12h IV: 400 mg Q12h	1 6
Clindamycin	OB/Gyn Faculty, Pediatric faculty, Orthopedic faculty for use in surgical prophylaxis up to 24 hrs in patients with penicillin or cephalosporin allergies	PO: 300-450 mg q6h IV: 600-900 mg q8h	5 23
Colistin	Burn service	IV: 340 mg/day divided in 2-3 doses (maximum) Inhalation: 75-150 mg q12h	52 45
Daptomycin		4-6 mg/kg q24h IV	351
Doxycycline	IV form only (shortage)	100 mg Q12h IV	35
Ertapenem		1 g Q24h IV	108
Fidaxomicin		200 mg q12h PO	235
Flucytosine		25 mg/kg q6h PO	>1000
Ganciclovir	Solid organ transplant faculty	5 mg/kg q12h IV	150
Imipenem/cilastatin	Burn service	500 mg q6h IV	34
Linezolid	Pulmonary/Critical Care faculty in MICU for MRSA VAP or Dr. Mileski	600 mg q12h PO/IV	PO: 170 IV: 91
Meropenem	Burn service (during imipenem/cilastatin shortage)	500 mg Q6h IV – 2 g q8h IV	55-166
Micafungin		100 mg q24h IV	70
Minocycline	IV form only	LD: 200 mg x1 IV MD: 100 mg q12h IV	279
Moxifloxacin		400 mg q24h PO/IV	PO: 7 IV: 13
Peramivir		600 mg once IV	>1000
Polymyxin B		15000 units/kg q12h IV (=1.5 mg/kg IV q12h)	28
Posaconazole	Hematology/Oncology faculty	Suspension: Prophylaxis: 200 mg q8h PO Treatment: 200 mg q6h PO	229
		IV and PO tablet: LD: 300 mg BID PO on day 1 MD: 300 mg Q24h PO	PO: 171 IV: 503
Pyrimethamine		LD: 200 mg x 1 PO MD: 50-75 mg Q24h PO	>1000

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Rifapentine	Occupational exposure	600-900 mg once weekly PO	22
Tigecycline		LD: 100 mg x1 IV MD: 50 mg q12h IV	282
Tobramycin	Inhalational only	300 mg q12h inhaled	81
Valganciclovir	Solid organ transplant faculty	450 mg Q24h - 900 mg q12h PO	53-212
Voriconazole	Burn service patients up to 48 hrs	LD: 6 mg/kg x 2 doses PO/IV MD: 4 mg/kg q12h PO/IV	PO: 39 IV: 186
Zanamivir		10 mg q12h inhaled	55

‡70 kg patient when considering mg/kg dosing

LD=Loading dose, MD=Maintenance dose

Antiretrovirals (ARVs)

Additional guidance: All ARV medications except Atripla (efavirenz-emtricitabine-tenofovir) are restricted to ID. The following are additional restrictions.

Generic Medication	Additional Restriction(s)
Dolutegravir	Occupational Exposure
Emtricitabine-tenofovir (Truvada)	Occupational Exposure
Lamivudine	Gastroenterology
Lamivudine-zidovudine (Combivir)	Occupational Exposure
Lopinavir-ritonavir (Kaletra)	Occupational Exposure
Tenofovir	Gastroenterology
Zidovudine	Pediatrics, Neonatology, OB/GYN