

TB PREVENTION AND TREATMENT REGIMEN CHEAT SHEET

Developed by: Erin McConnell

REGIMEN	POPULATION	DURATION	COMPOSITION/DOSING/FORMULATIONS/PILL BURDEN	REGIMEN PRICE	DRUG-DRUG INTERACTIONS	
TB PREVENTIVE TREATMENT	1HP	Adults and adolescents* * >13 years old	DAILY 1 MONTH P 300mg + P 300mg + H 300mg + Vit B6	Adult: US\$20	Research ongoing	
	3HP	All ages	WEEKLY 3 MONTHS HP 300/300mg + HP 300/300mg + HP 300/300mg + Vit B6 Pediatric formulation: 150 mg disp. P + 100 mg disp. H	Adult: US\$10 Pediatric: US\$6.53-\$15.80 (depending on child's weight)	Safe to take with DTG - no dose adjustment necessary	
	3HR	Children and adolescents* * <13 years old	DAILY 3 MONTHS HR 50/75mg + HR 50/75mg + HR 50/75mg Dosing: weight-based; dispersible	Pediatric: US\$14.18	Safe to take with DTG - dose adjustment necessary (DTG 2x daily)	
	4R	All ages	DAILY 4 MONTHS R 300mg + R 300mg Pediatric formulations: not available Dosing: weight-based	Adult: US\$15.42	Safe to take with DTG - dose adjustment necessary (DTG 2x daily)	
	6H	All ages	DAILY 6 MONTHS H 300mg + Vit B6 Pediatric formulations: 100 mg disp. H Dosing: weight-based	Adult: US\$24.17	None	
DRUG-SENSITIVE TB TREATMENT	6Lx	All ages	DAILY 6 MONTHS Lx 750mg Pediatric formulations: 100 mg disp. Lx Dosing: weight-based	Adult: US\$20	None	
	4HRZ[E]	Children with non-severe TB** * <16 years old ** Non-severe TB is smear negative and non-severe in form, i.e., in lymph nodes outside of the chest or, if inside of the chest, confined to one lobe of the lungs with no cavities.	DAILY 4 MONTHS HR[Z] 50/75/150mg + HR[Z] 50/75/150mg + HR[Z] 50/75/150mg + E 100mg + E 100mg Dosing: weight-based; dispersible E given to children living with HIV and in settings with high rates of isoniazid resistance.	Pediatric: US\$24-\$61 (depending on inclusion of E)	Safe to take with DTG - dose adjustment necessary (DTG 2x daily)	
	4HPMZ	Adults and adolescents* * >12 years old	DAILY 4 MONTHS H 300mg + P 300mg + P 300mg + P 300mg + P 300mg + M 400mg + Z 500mg + Z 500mg + Z 500mg *FDCs in development, available by end of 2024 = 4 pills/day	Adult: US\$163	Research ongoing	
	6HRZE	All ages	DAILY 6 MONTHS HR[Z]E 75/150/400/275mg + HR[Z]E 75/150/400/275mg + HR[Z]E 75/150/400/275mg + HR[Z]E 75/150/400/275mg Pediatric Formulations: 75/150/400/275mg HRZE FDCs; 75/150mg HR FDCs; 50/75/150mg HRZ disp. FDCs +/-100mg disp. E; 50/75mg HR disp. FDCs Dosing: weight-based	Adult: US\$48 Pediatric: US\$33-\$71 (depending on inclusion of E)	Safe to take with DTG - dose adjustment necessary (DTG 2x daily)	
	6BPaL[M]	Adults and adolescents* * >14 years old (with pulmonary TB that have not been previously exposed to B, Pa, or L for more than one month)	DAILY 6 MONTHS Pa 200mg + M 400mg + L 600mg + B 100mg + B 100mg + B 100mg + B 100mg B Dosing options: 400mg daily for two weeks followed by 200mg three times per week; OR 200mg daily for eight weeks followed by 100mg daily	Adult: US\$426	Safe to take with DTG; bedaquiline interacts with PIs and some NNRTIs (EFV, ETR)	
	9-12 month standardized	All ages Adults, adolescents, children not eligible for BPaL[M]	DAILY 9 MONTHS* *extended to 12 months based on timing of culture conversion	9- to 12-months of daily clofazimine, levofloxacin (or moxifloxacin), ethambutol, and pyrazinamide; supplemented by bedaquiline for the first 6 months, linezolid for the first 2 months, and high dose isoniazid, for the first 4-to-6-months. Stand-alone tablets; all are available in disp. formulations for children	Adult: US\$409	Safe to take with DTG; bedaquiline interacts with PIs and some NNRTIs (EFV, ETR)
	18-20 month individualized	All ages Adults, adolescents, children not eligible for shorter regimens, including people with XDR-TB (resistance to fluoroquinolones and other group A drugs, e.g., bedaquiline, linezolid)	DAILY 18 MONTHS* *extended depending on culture conversion	Individualized regimens based on DST composed of at least 4-5 effective drugs selected according to the WHO table that prioritizes TB medicines into groups A, B, and C. Stand-alone tablets; all are available in disp. formulations for children *People with XDR-TB may require treatment with a regimen that includes an injectable agent (e.g., amikacin or carbapenem+clavulanic acid)	Adult: US\$645-\$1,500 (depending on regimen composition)	Safe to take with DTG; bedaquiline interacts with PIs and some NNRTIs (EFV, ETR)
	DRUG-RESISTANT TB TREATMENT	<p>Key</p> <ul style="list-style-type: none"> B = Bedaquiline E = Ethambutol H = Isoniazid L = Linezolid M = Moxifloxacin Lx = Levofloxacin P = Rifampentine Pa = Pretominid R = Rifampicin Z = Pyrazinamide HP FDC = Isoniazid + Rifampentine Fixed Dose Combination HR FDC = Isoniazid + Rifampicin Fixed Dose Combination HR[Z] FDC = Isoniazid + Rifampicin + Pyrazinamide Fixed Dose Combination HRZE FDC = Isoniazid + Rifampicin + Pyrazinamide + Ethambutol Fixed Dose Combination PIs = Protease Inhibitors NNRTIs = non-nucleoside reverse transcriptase inhibitors DTG = dolutegravir EFV = efavirenz ETR = etravirine <p><i>Pill graphics are not accurate representation of the real pills</i></p>				

The number of pills depicted and the estimated price is based on 60 kg person and for children it's based on 15 kg person.