

TPT TREATMENT OPTIONS TABLE FOR HIGH TB BURDEN COUNTRIES

Regimen	6H	3HP	3HR	INH/CTX/B6
Drugs	Isoniazid (INH)	INH & Rifapentine (RPT)	INH & Rifampin	Isoniazid (INH – 300mg), Cotrimoxazole (CTXw – 960mg) & Vit B6 (25mg) in fixed dose combination
Duration	6 months	3 months	3 months	6 months
Interval	Daily	Weekly	Daily	Daily
Doses	180	12	90	180
Cost/ course (USD)	\$3.50	\$15.00	\$10.60 (for 12-15kg child)	\$11.94
Children	Yes, all	> 2 years	Yes- child friendly dispersible formulation WHO only recommends for children < 15 years in high TB burden	14–24.9 kg (1/2 tablet) >25kg (Same as adult: 1 tablet)
Pregnant Women	Safe for use per WHO but caution based on recent studies. Country guidelines may differ	No	Safe for use	Yes, per WHO especially in PLHIV with Advanced HIV Disease
Interactions with ART	No restriction	Contra: All PIs, NVP/most NNRTIs, TAF Use: TDF, EFV (600mg), DTG, RAL	Contra: All PIs, NVP/most NNRTIs, TAF Adjust dose: DTG, RAL Use: TDF, EFV (600mg)	No restriction
Side-effect profile	Hepatotoxicity (more), peripheral neuropathy, rash, GI upset	Flu-like syndrome, hypersensitivity reactions, hepatotoxicity (less), rash, GI upset Orange discolouration of body fluids	Hypersensitivity reactions, hepatotoxicity (less), rash, GI upset Orange discolouration of body fluids	Hepatotoxicity, peripheral neuropathy* rash, GI upset Neutropenia, Anemia, Thrombocytopenia, Eosinophilia, Nausea, vomiting, joint pain, Steven Johnsons Syndrome

* risk of peripheral neuropathy minimized by pyridoxine component of FDC, increased risk in patients with diabetes,