

Updated CDC Treatment Regimens for Latent TB Infection 2020

<https://www.cdc.gov/tb/topic/treatment/ltbi.htm>

Latent TB Treatment Regimens				
Drug(s)	Duration	Dose	Frequency	Total Doses
Isoniazid (INH)* and Rifapentine (RPT)†	3 months	Adults and Children 12 years of age and older: INH: 15 mg/kg rounded up to the nearest 50 or 100 mg; 900 mg maximum RPT: 10.0–14.0 kg 300 mg 14.1–25.0 kg 450 mg 25.1–32.0 kg 600 mg 32.1–49.9 kg 750 mg ≥50.0 kg 900 mg maximum Children aged 2–11 years: INH: 25 mg/kg; 900 mg maximum RPT: as above	Once weekly	12 within 16 weeks
Rifampin (RIF)§	4 months	Adults: 10 mg/kg Children: 15–20 mg/kg [¶] Maximum dose: 600 mg	Daily	120 within 6 months
Isoniazid (INH)* and Rifampin)§	3 months	Adults: INH*: 5 mg/kg; 300 mg maximum RIF§: 10 mg/kg; 600 mg maximum Children: INH*: 10-20 mg/kg; 300 mg maximum RIF§: 15-20 mg/kg; 600 mg maximum	Daily	90
If unable to use short-course regimens Isoniazid (INH)	6 months	Adult: 5 mg/kg Children: 10-20 mg/kg [¶] Maximum dose: 300 mg	Daily	180 within 9 months
		Adult: 15 mg/kg Children: 20-40 mg/kg [¶] Maximum dose: 900 mg	Twice weekly‡	52 within 9 months
	9 months	Adult: 5 mg/kg Children: 10-20 mg/kg [¶] Maximum dose: 300 mg	Daily	270 within 12 months
		Adult: 15 mg/kg Children: 20-40 mg/kg [¶] Maximum dose: 900 mg	Twice weekly‡	76 within 12 months

*INH is formulated as 100 mg and 300 mg tablets.

†RPT is formulated as 150 mg tablets in blister packs that should be kept sealed until use.

§Rifampin (rifampicin; RIF) is formulated as 150 mg and 300 mg capsules.

‡Intermittent INH regimens must be provided via directly observed therapy (DOT), each dose taken under observation

¶The American Academy of Pediatrics acknowledges that some experts use RIF at 20–30 mg/kg for the daily regimen when prescribing for infants and toddlers (American Academy of Pediatrics. Tuberculosis. In: Kimberlin DW, Brady MT, Jackson MA, Long SS, eds. *Red Book: 2018 Report of the Committee on Infectious Diseases*. 31st ed. Itasca, IL: American Academy of Pediatrics; 2018:829–853).

¶The American Academy of Pediatrics recommends an INH dosage of 10–15 mg/kg for the daily regimen and 20–30 mg/kg for the twice weekly regimen.