## **Table: Regimens to Treat LTBI**

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| **REGIMENS TO TREAT LATENT TUBERCULOSIS INFECTION (LTBI)** |
| **DRUG** | **INTERVAL & DURATION** | **ORAL DOSAGE (maximum)** | **CRITERIA FOR COMPLETION** |
| **RIF** | Daily x4 months | Adult: 10 mg/kg (600 mg max)Child: 15-20 mg/kg (600 mg max) see: [Pediatric TB Drug Dosing](https://www.currytbcenter.ucsf.edu/sites/default/files/2022-05/tb_sg3_chap6_pediatrics.pdf#tbltbdrugdosages) | 120 doses within6 months |
| **INH\*-****RPT****weekly****(3HP)** | Once-weekly x12 weeks | INH 15 mg/kground up to nearest 50 mg or 100 mg(900 mg max)Rifapentine10 - 14 kg (300mg)14.1 - 25 kg (450mg)25.1- 32 kg (600mg)32.1- 49.9kg (750mg)≥ 50kg = 900mg maxChild 2-11 y.o. see: [INH and rifapentine (RPT) dosing table (2 – 11 yrs)](https://www.currytbcenter.ucsf.edu/sites/default/files/2022-09/inh-and-rifapentine-dosing-table_7-26-18.docx)  | 12 doses within16 weeks |
| **Coming Soon!****INH\*****RPT daily****(1HP)** | Daily x4 weeks | Age ≥ 13 years (regardless of weight) Isoniazid 300 mg dayRifapentine 300 mg daily for weight <35 kg450 mg daily for weight 35 to 45 kg 600 mg for weight >45 kg | 28 doses within4 weeks |
| **INH\*** | Daily x9 months | Adult: 5 mg/kg (300 mg)Child: 10-15 mg/kg(300 mg max) see:[Pediatric TB Drug Dosing](https://www.currytbcenter.ucsf.edu/sites/default/files/2022-05/tb_sg3_chap6_pediatrics.pdf#tbltbdrugdosages) | 270 doses within12 months |
| Twice-weeklyby DOT x9 months | Adult: 15 mg/kg (900 mg)Child: 20-30 mg/kg (900 mg max) | 76 doses within12 monthsDOT |
| **INH\*** | Daily x6 months | Adult: 5 mg/kg (300 mg) | 180 doses within9 months |
| Twice-weekly by DOT x6 months | Adult: 15 mg/kg (900 mg) | 52 doses within9 monthsDOT |

*\*For patients on INH, 25-50 mg daily pyridoxine (vitamin B6) is recommended.*

**Abbreviations:** INH = isoniazid, RIF = rifampin, RPT = rifapentine (Priftin), DOT = direct observed therapy, CXR = chest x-ray