## **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 x  4 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 within  6 months |
| **INH\*-**  **RPT**  **weekly**  **(3HP)** | Once-weekly x  12 weeks | INH 15 mg/kg  round up to nearest 50 mg or 100 mg  (900 mg max)  Rifapentine  10 - 14 kg (300mg)  14.1 - 25 kg (450mg)  25.1- 32 kg (600mg)  32.1- 49.9kg (750mg)  ≥ 50kg = 900mg max  Child 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 within  16 weeks |
| **Coming Soon!**  **INH\***  **RPT daily**  **(1HP)** | Daily x  4 weeks | Age ≥ 13 years (regardless of weight)  Isoniazid 300 mg day  Rifapentine  300 mg daily for weight <35 kg  450 mg daily for weight 35 to 45 kg 600 mg for weight >45 kg | 28 doses within  4 weeks |
| **INH\*** | Daily x  9 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 within  12 months |
| Twice-weekly  by DOT x  9 months | Adult: 15 mg/kg  (900 mg)  Child: 20-30 mg/kg  (900 mg max) | 76 doses within  12 months  DOT |
| **INH\*** | Daily x  6 months | Adult: 5 mg/kg  (300 mg) | 180 doses within  9 months |
| Twice-weekly by DOT x  6 months | Adult: 15 mg/kg  (900 mg) | 52 doses within  9 months  DOT |

*\*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