

# LTBI Dosing: Isoniazid (INH)

Tablets: 100 mg, 300 mg. Crushable. Can be split in half.  
Dose must be a multiple of 50 (i.e., 50, 100, 150, etc...), unless liquid.  
Liquid preparation is 10 mg/cc.

## Adults

**Daily dose: 5 mg/kg, maximum 300 mg**

**Most adults should take 300 mg/day.**

Adults weighing <110 # (50 kg) can take 250 mg/day, if desired<sup>#</sup>.  
Adults weighing < 90 # (40 kg) can take 200 or 250 mg/day, if desired<sup>#</sup>.

## Children

**Daily dose: 10-20 mg/kg, maximum 300 mg**

Weight: pounds	Weight: kg	10 mg/kg	20 mg/kg	Recommended
10	4.5	50	90	50-90 liquid <sup>§</sup>
12.5	5.7	60	110	60-110 liquid <sup>§</sup>
15	6.8	70	140	70-140 liquid <sup>§</sup>
17.5	7.9	80	160	80-160 liquid <sup>§</sup>
20	9	90	180	100 or 150 crushed (90-180 liquid <sup>§</sup> )
22.5	10.2	100	200	100, 150 or 200 crushed (or liquid <sup>§</sup> )
25	11.3	115	230	150 or 200 crushed (120-230 liquid <sup>§</sup> )
30	13.6	135	270	150, 200, or 250 crushed
35	15.9	160	300	200 or 300 crushed
40	18.1	180	300	200 or 300 crushed or pill
45	20.4	200	300	200 or 300 crushed or pill
50	22.7	225	300	300 crushed or pill
55	25	250	300	300
60	27.3	270	300	300
65 or more	29.5 or more	300	300	300

<sup>§</sup> Because the sorbitol in the liquid suspension can cause diarrhea and nausea, liquid INH is recommended only for persons who cannot take crushed pills or pills (e.g., infants not eating solids)

<sup>#</sup> Compliance is poor with half pills. Encourage the lower dose only if the patient does not tolerate the higher dose and liver toxicity has been ruled out. Compliance is poor with half pills or multiple pills.

\* Adapted from TB Control Program, Virginia Department of Health, 2003