

Ship to (business name):

Contact Name:

Business Address:

**Kansas Department of Health & Environment
Request for Anti-Tuberculosis Medications
Kansas TB Control & Prevention Program**

****See Reverse/Page 2 for dosing guidelines****

PLEASE PRINT CLEARLY

****All bottles contain 100 tabs unless otherwise noted****

Epitrax Number/ Patient's Name	DOB	Initial	Continuation	Restart	Isoniazid		B6		Rifampin		Ethambutol		Pyrazinamide 500mg	3HP (INH & Rifapentine)
					100 mg	300 mg	25 mg	50 mg	150mg x 30 tabs	300mg x 60 tabs	100 mg	400 mg		

Notes/Special Requests:

[Empty box for notes]

Additional medications not listed above are to be ordered on the "Request for Anti-Tuberculosis Medications Additional Medication form"
MEDICATIONS WILL BE LIMITED TO ATS/CDC RECOMMENDED TREATMENT REGIMENS

Latent TB Infection Treatment Regimens

Drug(s)	Duration	Dose	Frequency	Total Doses
Isoniazid (INH) [‡] and Rifampin (RIF) [‡]	3 months	<u>Adults and Children aged 12 years and older:</u> INH: 15 mg/kg rounded up to the nearest 50 or 100 mg; 900 mg maximum RPT: 10–14.0 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 <u>Children aged 2–11 years:</u> INH*: 25 mg/kg; 900 mg maximum RPT*: as above	Once weekly	12
Rifampin (RIF) [‡]	4 months	<u>Adults:</u> 10 mg/kg <u>Children:</u> 15–20 mg/kg [§] <u>Maximum dose:</u> 600 mg	Daily	120
Isoniazid (INH)	6 months	<u>Adults:</u> 5 mg/kg <u>Children:</u> 10–20 mg/kg [¶] <u>Maximum dose:</u> 300 mg	Daily	180
		<u>Adults:</u> 15 mg/kg <u>Children:</u> 20–40 mg/kg [¶] <u>Maximum dose:</u> 900 mg	Twice weekly*	52
	9 months	<u>Adults:</u> 5 mg/kg <u>Children:</u> 10–20 mg/kg [¶] <u>Maximum dose:</u> 300 mg	Daily	270
		<u>Adults:</u> 15 mg/kg <u>Children:</u> 20–40 mg/kg [¶] <u>Maximum dose:</u> 900 mg	Twice weekly*	76

*Isoniazid (INH) is formulated as 100 mg and 300 mg tablets.

[‡]Rifampin (RIF) is formulated as 150 mg tablets in blister packs that should be kept sealed until use.

[‡]Intermittent regimens must be provided via directly observed therapy (DOT), that is, a health care worker observes the ingestion of medication.

[‡]Rifampin (rifampicin; RIF) is formulated as 150 mg and 300 mg capsules.

[¶]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.

Definitions of abbreviations: EMB = ethambutol; FDA = Food and Drug Administration; INH = isoniazid; PZA = pyrazinamide; RFB = rifabutin; RIF = rifampin; RPT = rifepirine.

* Dose per weight is based on ideal body weight. Children weighing more than 40 kg should be dosed as adults.

† For the purposes of this document, adult dosing begins at the age of 15 years.

‡ INH is used, but not FDA-approved, for intravenous administration. For intravenous use of INH, please consult with your medical consultant.

‡ Dose may need to be adjusted when there is concomitant use of protease inhibitors or nonnucleoside reverse transcriptase inhibitors.

§ The drug can likely be used safely in older children but should be used with caution in children less than 5 years of age, in whom visual acuity cannot be monitored. In younger children, EMB at the dose of 15 mg/kg per day can be used if there is suspected or proven resistance to INH or RIF.

Source: American Thoracic Society, Centers for Disease Control and Prevention, Infectious Diseases Society of America. Treatment of tuberculosis. *MMWR*. 2003;52(No. RR-11):4.

First Line Anti-TB Drug Doses for Active TB Disease in Adults & Children

Drug	Preparation	Adults/children	Doses			
			Daily	1x/wk	2x/wk	3x/wk
INH	Tablets (50 mg, 100 mg, 300 mg); elixir (50 mg/5 ml); aqueous solution (100 mg/ml) for intramuscular injection [†]	Adults (max.)	5 mg/kg (300 mg)	15 mg/kg (900 mg)	15 mg/kg (900 mg)	15 mg/kg (900 mg)
		Children (max.)	10–15 mg/kg (300 mg)	—	20–30 mg/kg (900 mg)	—
RIF	Capsule (150 mg, 300 mg); powder may be suspended for oral administration; aqueous solution for intravenous injection	Adults [‡] (max.)	10 mg/kg (600 mg)	—	10 mg/kg (600 mg)	10 mg/kg (600 mg)
		Children (max.)	10–20 mg/kg (600 mg)	—	10–20 mg/kg (600 mg)	—

Table VI.4: Suggested Ethambutol Doses, Using Whole Tablets, for Adults Weighing 40 to 90 Kilograms

Interval	Weight* 40–55 kg	Weight* 56–75 kg	Weight* 76–90 kg
Daily, mg (mg/kg)	800 (14.5–20.0)	1,200 (16.0–21.4)	1,800 [†] (17.8–21.1)
Thrice weekly, mg (mg/kg)	1,200 (21.8–30.0)	2,000 (26.7–35.7)	2,400 [†] (25.7–31.6)
Twice weekly, mg (mg/kg)	2,000 (36.4–50.0)	2,800 (37.3–50.0)	4,000 [†] (44.4–52.6)

* Based on estimated lean body weight.

† Maximum dose regardless of weight.

Source: American Thoracic Society, Centers for Disease Control and Prevention, Infectious Diseases Society of America. Treatment of tuberculosis. *MMWR*. 2003;52(No. RR-11):5.

Table VI.3: Suggested Pyrazinamide Doses, Using Whole Tablets, for Adults Weighing 40 to 90 Kilograms

Interval	Weight* 40–55 kg	Weight* 56–75 kg	Weight* 76–90 kg
Daily, mg (mg/kg)	1,000 (18.2–25.0)	1,500 (20.0–26.8)	2,000 [†] (22.2–26.3)
Thrice weekly, mg (mg/kg)	1,500 (27.3–37.5)	2,500 (33.3–44.8)	3,000 [†] (33.3–39.5)
Twice weekly, mg (mg/kg)	2,000 (36.4–50.0)	3,000 (40.0–53.8)	4,000 [†] (44.4–52.6)

* Based on estimated lean body weight.

† Maximum dose regardless of weight.

Source: American Thoracic Society, Centers for Disease Control and Prevention, Infectious Diseases Society of America. Treatment of tuberculosis. *MMWR*. 2003;52(No. RR-11):5.