

## Standard Treatment Dosing Tables

<b>Table #1: Appropriate Daily Dosing for TB Cases and Suspects on Self-Administered Therapy</b>		
<b>Medication</b>	<b>Dosages in mg/kg and maximum dosage (in parenthesis)</b>	
	<b>Child/Adolescent</b>	<b>Adults</b>
Isoniazid (INH)	10-15 mg/kg (300mg)	5 mg/kg (300mg)
**Rifampin (RIF)	10-20 mg/kg (600mg)	10 mg/kg (600 mg)
Pyrazinamide (PZA)	15-30 mg/kg (2.0g)	See Table #2
Ethambutol (EMB)	15-20 mg/kg (1.0g)	See Table #2

\*\* Directly observed therapy is the Standard of Care for all TB cases and suspects with HIV-infection or AIDS. The rifampin dosage may need to be adjusted or rifabutin considered as an alternative to rifampin to minimize drug interactions for HIV seropositives on concurrent treatment with protease inhibitors or non-nucleoside reverse transcriptase inhibitors (NNRTI).

<b>Table #2: Adult Daily Dosage for Pyrazinamide &amp; Ethambutol (Self-Administered Therapy)</b>			
<b>Medication</b>	<b>Whole Tablet Dosage and Dosage Range (mg/kg) by Weight (kg)</b>		
	<b>40-55 kg</b>	<b>56-75 kg</b>	<b>76-90 kg*</b>
Pyrazinamide	1,000 mg (18.2 - 25.0)	1,500 mg (20.0 - 26.8)	2,000 mg (22.2 - 26.3)
Ethambutol	800 mg (14.5 - 20.0)	1,200 mg (16.0 - 21.4)	1,600 mg (17.8 - 21.1)

\*Maximum dose in 76-90 kg column is maximum dose regardless of weight.

**Table #3: Appropriate Dosing for TB Cases and Suspects on Directly Observed Therapy**

Medications	Dosages in mg/kg and maximum dosage (in parenthesis)			
	Daily DOT		Two or Three* Times Weekly DOT	
	Child/Adolescent	Adults	Child/Adolescent	Adults
Isoniazid (INH)	10-15 mg/kg (300mg)	5 mg/kg (300mg)	20-30 mg/kg (900mg)	15 mg/kg (900mg)
**Rifampin (RIF)	10-20 mg/kg (600mg)	10 mg/kg (600mg)	10-20 mg/kg (600mg)	10 mg/kg (600mg)
Pyrazinamide (PZA)	15-30 mg/kg (2g)	See Table #4	50 mg/kg (2g)	See Table #4
Ethambutol (EMB)	15-20 mg/kg (1.0g)	See Table #5	50 mg/kg (2.5g)	See Table #5

\* Three times weekly DOT should not be used in children

\*\* Rifampin dosage may need to be adjusted or rifabutin considered as an alternative to rifampin to minimize drug interactions for the HIV-infected treatment with protease inhibitors or non-nucleoside reverse transcriptase inhibitors (NNRTI).

**Table #4: Adult Dosage for Pyrazinamide by Frequency of Directly Observed Therapy**

Frequency	Whole Tablet Dosage and Dosage Range (mg/kg) by Weight (kg)		
	40-55 kg	56-75 kg	76-90 kg*
Daily, max dose (mg/kg)	1,000 mg (18.2 - 25.0)	1,500 mg (20.0 - 26.8)	2,000 mg (22.2 - 26.3)
Twice weekly, max dose (mg/kg)	2,000 mg (36.4 - 50.0)	3,000 mg (40.0 - 53.6)	4,000 mg (44.4 - 52.6)
Three times weekly, max dose (mg/kg)	1,500 mg (27.3 – 37.5)	2,500 mg (33.3 – 44.6)	3,000 mg (33.3 – 39.5)

\*Maximum dose in 76-90 kg column is maximum dose regardless of weight.

**Table #5: Adult Dosage for Ethambutol by Frequency of Directly Observed Therapy**

Frequency	Whole Tablet Dosage and Dosage Range (mg/kg) by Weight (kg)		
	40-55 kg	56-75 kg	76-90 kg*
Daily, max dose (mg/kg)	800 mg (14.5 - 20.0)	1,200 (16.0 - 21.4)	1,600 (17.8 - 21.1)
Twice weely, max dose (mg/kg)	2,000 mg (36.4 - 50.0)	2,800 mg (37.3 - 50.0)	4,000 mg (44.4 - 52.6)
Three times weekly, max dose (mg/kg)	1,200 mg (21.8 – 30.0)	2,000 mg (26.7 – 35.7)	2,400 mg (26.7 – 31.6)

\*Maximum dose in 76-90 kg column is maximum dose regardless of weight.