

## Dosing Recommendations for Adult Patients with Drug-Susceptible Organisms

Drug	Normal Renal Function	Change in Frequency for Reduced Renal Function?	Creatinine Clearance <30 mL/min <sup>a</sup>
Ethambutol	<u>Standard dose<sup>b</sup>:</u> 15-20 mg/kg once daily	Yes	20-25 mg/kg 3x/weekly (not daily)
Isoniazid	<u>Standard dose:</u> 5 mg/kg daily (max 300 mg) Vitamin B6 daily 25-50 mg <u>Intermittent dose:</u> 15 mg/kg (max 900 mg) <u>High dose therapy:</u> 13-18 mg/kg daily	No	No dose adjustment
Pyrazinamide	<u>Standard dose<sup>b</sup>:</u> 25-35 mg/kg daily	Yes	25-35 mg/kg (maximum 3000 mg) 3x/weekly (not daily)
Rifabutin	<u>Standard dose:</u> 300 mg daily	No	Monitor drug concentrations to avoid toxicity
Rifampin	<u>Standard dose:</u> 10 mg/kg daily	No	No dose adjustment

<sup>a</sup>Including adult patients receiving hemodialysis

<sup>b</sup>Based on estimated lean body weight. Optimal doses for obese patients are not established.

**Please note:** Standard doses are given unless there is intolerance; there should be careful monitoring of neurotoxicity; the medications should be given after hemodialysis on the day of hemodialysis; and monitoring of serum drug concentrations should be considered.



## Tuberculosis Treatment Guidelines

Drug Regimens for Microbiologically Confirmed Pulmonary Tuberculosis Caused by Drug-Susceptible Organisms

Dosing Recommendations for Adult Patients with Drug-Susceptible Organisms

**Adapted from the Official American Thoracic Society, Centers for Disease Control and Prevention, Infectious Disease Society of America Clinical Practice Guidelines: Treatment of Drug-Susceptible Tuberculosis Clinical Infectious Diseases • 2016**

This publication was supported by the Grant or Cooperative Agreement Number NU52PS910161 funded by the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the Department of Health and Human Services.

2303 Southeast Military Drive • San Antonio, Texas 78223

1-800-TEX-LUNG • [www.heartlandntbc.org](http://www.heartlandntbc.org)

