

Pyrazinamide:

Class: Antitubercular Agent.

Indications: Adjunctive treatment of tuberculosis in combination with other antituberculosis agents.

Available dosage form in the hospital: 500MG TAB.

Dosage:

Tuberculosis treatment: Oral:

Suggested dosing based on lean body weight (Blumberg, 2003; CDC, 2003):

-Daily therapy:

- 40-55 kg: 1000 mg
- 56-75 kg: 1500 mg
- 76-90 kg: 2000 mg (maximum dose regardless of weight)

-Twice weekly directly observed therapy (DOT):

- 40-55 kg: 2000 mg
- 56-75 kg: 3000 mg
- 76-90 kg: 4000 mg (maximum dose regardless of weight)

-Three times/week DOT:

- 40-55 kg: 1500 mg
- 56-75 kg: 2500 mg
- 76-90 kg: 3000 mg (maximum dose regardless of weight).

Renal Impairment:

Adults: $Cl_{cr} < 30$ mL/minute or receiving hemodialysis: Treatment of TB: 25-35 mg/kg/dose 3 times per week administered after dialysis (Blumberg, 2003; CDC, 2003)

Common side effect:

Central nervous system: Malaise

Gastrointestinal: Anorexia, nausea, vomiting

Neuromuscular & skeletal: Arthralgia, myalgia

Pregnancy Risk Factor: C