

Mebendazole:

Class: Anthelmintic.

Indications:

Treatment of *Ancylostoma duodenale* or *Necator americanus* (hookworms), *Ascaris lumbricoides* (roundworms), *Enterobius vermicularis* (pinworms), *Strongyloides stercoralis* (roundworm), *Taenia solium* (tapeworms), *Trichuris trichiura* (whipworms),

Available dosage form in the hospital: 100MG TAB, 100MG/10 ML SUSP, 500MG TAB.

Trade Names:

Dosage:

Canadian manufacturer labeling:

***Ancylostomaduodenale* (hookworm), *Necator americanus* (hookworm), *Ascaris lumbricoides* (roundworm), *Strongyloides stercoralis* (roundworm), *Taenia solium* (tapeworms), *Trichuris trichiura* (whipworm), mixed infection:** Oral: 100 mg twice daily for 3 days; repeat in 3 weeks if not cured with initial treatment

***Enterobius vermicularis* (pinworm):** Oral: 100 mg as a single dose; repeat in 2 or 4 weeks (manufacturer's labeling); treatment should include family members in close contact with patient (*Med Lett*, 2007)

Unlabeled dosing:

***Ancylostoma duodenale* (hookworm), *Ascaris lumbricoides* (roundworm), *Necator americanus* (hookworm), *Trichuris trichiura* (whipworm):** 500 mg as a single dose (*Med Lett*, 2007)

Unlabeled uses:

***Ancylostoma caninum* (eosinophilic enterocolitis):** Oral: 100 mg twice daily for 3 days (*Med Lett*, 2007)

***Capillaria philippinensis* (capillariasis):** Oral: 200 mg twice daily for 20 days (*Med Lett*, 2007)

***Giardia duodenalis* (giardiasis):** Oral: 200 mg 3 times daily for 5 days (Canete, 2006; Chandy, 2009)

***Mansonella perstans* (filariasis):** Oral: 100 mg twice daily for 30 days (*Med Lett*, 2007)

Visceral larva migrans (toxocariasis): Oral: 100-200 mg twice daily for 5 days (*Med Lett*, 2007).

Dosing: Renal Impairment No dosage adjustment provided in manufacturer's labeling.

Common side effect:

Central nervous system: Dizziness, drowsiness, headache, seizure

Dermatologic: Alopecia, angioedema, exanthema, itching, rash, urticaria

Gastrointestinal: Abdominal pain, diarrhea, vomiting

Hematologic: Agranulocytosis, eosinophilia, hemoglobin decreased, leukopenia, neutropenia

Hepatic: Alkaline phosphatase increased, ALT increased, AST increased, GGT increased, hepatitis

Renal: BUN increased, glomerulonephritis, hematuria

Pregnancy Risk Factor: C