

ivermectin (Rx)

Brand and Other Names: Stromectol

Classes: Anthelmintics

Dosing & Uses

Adult Pediatric

Dosage Forms & Strengths

tablet

- 3mg

Strongyloidiasis of the Intestinal Tract

15-24 kg: 3 mg PO once

25-35 kg: 6 mg PO once

36-50 kg: 9 mg PO once

51-65 kg: 12 mg PO once

66-79 kg: 15 mg PO once

>80 kg: 200 mcg/kg PO once

145 - 174 pounds

91 kg = 200 # -> 18 mg

102 kg = 225 # -> 21 mg

114 kg = 250 # -> 23 mg

Dosing considerations

- In general repeat doses not necessary; perform stool examinations to verify eradication of infection

River Blindness (Onchocerciasis)

15-25 kg: 3 mg PO; may repeat in 3-12 mo

26-44 kg: 6 mg PO; may repeat in 3-12 mo

45-64 kg: 9 mg PO; may repeat in 3-12 mo

65-84 kg: 12 mg PO; may repeat in 3-12 mo

≥85 kg: 150 mcg/kg PO; may repeat in 3-12 mo

Dosing considerations

- Note: Does not treat adult worms (must be surgically excised)

Head Lice (*Pediculosis capitis*; Off-label)

200 mcg/kg PO once; may require 1-2 additional doses repeated after 7 days

Blepharitis (*Demodex folliculorum*; Off-label)

200 mcg/kg PO once as a single dose, THEN repeat dose once in 7 days

Filariasis Due to *Mansonella Ozzardi* (Off-label)

6 mg PO as single dose

Filariasis Due to *Mansonella Streptocera* (Off-label)

150 mcg/kg as single dose

Scabies Due to *Sarcoptes Scabiei*

Immunocompromised patients: 200 mcg/kg as single dose; may repeat in 14 days if necessary

Gnathostoma Spinigerum

Gnathostomiasis: 200 mcg/kg as single dose

Administration

Take on empty stomach

Monitor: Stool exams (*Strongyloides*)

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