



## Solas®

Mebendazole USP

### Description

Mebendazole (**Solas®**) is a synthetic broad-spectrum anthelmintic that is active against most nematodes and some other worms. Mebendazole is principally used in the treatment of intestinal nematode infection.

### Mode of action

Mebendazole inhibits the formation of the worms' microtubules and causes the worms' glucose depletion.

### Pharmacokinetics

After oral administration about 2-10% of oral dose is absorbed from GI tract and peak plasma concentration occurs within 0.5 to 7 hours. Mebendazole is highly bound to plasma protein. Elimination half-life is 2.8 to 9 hours.

### Composition

**Solas® 100 mg Tablet:** Each tablet contains Mebendazole USP 100 mg.

**Solas® Suspension:** Each 5 ml contains Mebendazole USP 100 mg.

### Indications

Mebendazole is indicated for the treatment of threadworms, whipworms, roundworms and hookworms.

### Dosage & administration

Adult and Child over 2 years

Worm	Dose	Frequency & Duration
Threadworms	100 mg or 1 teaspoonful	Single dose*
Whipworms	100 mg or 1 teaspoonful	Twice daily for 3 days
Roundworms		
Hookworms		

\* if reinfection occurs second dose may be needed after 2 weeks.

Child under 2 years is not recommended.

### Contraindications

Mebendazole is contraindicated in persons who have shown hypersensitivity to the drug.

### Side effects

Gastrointestinal: Transient symptoms of abdominal pain and diarrhoea in case of massive infection and expulsion of worms. Hypersensitivity: Rash, urticaria and angioedema have been observed on rare occasions. Central Nervous System: Very rare cases of convulsions have been reported. Haematologic: Neutropenia and agranulocytosis.

### Use in pregnancy & lactation

Mebendazole is not recommended in pregnant women. It is not known whether mebendazole is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when it is administered to a nursing mother.

### Precautions

General: Periodic assessment of organ system functions, including haematopoietic and hepatic, is advisable during prolonged therapy. Paediatric use: The drug has not been extensively studied in children under two years; therefore, in the treatment of children under two years the relative benefit/risk should be considered. Information for Patients: Patients should be informed of the potential risk to the foetus in women taking mebendazole during pregnancy, especially during the first trimester. Patients should also be informed that cleanliness is important to prevent reinfection & transmission of the infection.

### Drug interactions

Preliminary evidence suggests that cimetidine inhibits mebendazole metabolism and may result in an increase in plasma concentration.

### Overdosage

In the event of accidental overdosage gastrointestinal complaints lasting up to a few hours may occur. Vomiting and purging should be induced.

### Storage

Store in a cool (Below 25° C temperature) and dry place, protected from light.

### Packaging

**Solas® 100 mg Tablet:** Each carton contains 18X10 tablets in blister pack.

**Solas® Suspension:** Each carton contains a bottle having 30 ml suspension.



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