

### COMPOSITION

**Almex® 400 Tablet:** Each chewable tablet contains Albendazole USP 400 mg.

**Almex® Suspension:** Each 5 ml suspension contains Albendazole USP 200 mg.

### PHARMACOLOGY

**Almex®** (Albendazole) is a benzimidazole anthelmintic, active against most nematodes and some cestodes. It is used in the treatment of intestinal nematode infections and in higher doses in the treatment of hydatid disease. Albendazole exhibits vermifugal, ovicidal, and larvicidal activity. The principal mode of action of Albendazole is its inhibitory effect on tubulin polymerization, which results in the loss of cytoplasmic microtubules.

### INDICATION

**Almex®** (Albendazole) is used in the treatment of single or mixed intestinal infections caused by *Enterobius vermicularis* (Pinworm, Threadworm), *Trichuris trichiura* (Whipworm), *Ascaris lumbricoides* (Roundworm), *Ancylostoma duodenale* & *Necator americanus* (Hookworm), *Taenia solium* & *Taenia saginata* (Tapeworm), *Strongyloides stercoralis*. Albendazole is indicated in giardiasis in children over 2 years of age.

Albendazole in higher doses is indicated for the treatment of hydatid disease.

### DOSAGE & ADMINISTRATION

Age 12 to 24 months: 200 mg as a single dose (Half of **Almex®** 400 tablet or 5 ml **Almex®** suspension).

Adults & children (over two years): 400 mg (One **Almex®** 400 tablet or 10 ml **Almex®** suspension) as a single dose in cases of *Enterobius vermicularis*, *Trichuris trichiura*, *Ascaris lumbricoides*, *Ancylostoma duodenale* and *Necator americanus*. In cases of strongyloidiasis or taeniasis, 400 mg (one **Almex** 400 tablet or 10 ml **Almex** suspension) as a single dose should be given for three consecutive days.

Giardiasis: 400 mg (one **Almex** 400 tablet or 10 ml **Almex®** suspension) once daily for five days.

**Almex®** (Albendazole) in hydatid disease (Echinococcosis) : In the treatment of echinococcosis, **Almex®** (Albendazole) is given by mouth with meals in a dose of 400 mg twice daily for 28 days for patients weighing over 60 kg. A dose of 15 mg/kg body weight daily in two divided doses (to a maximum total daily dose of 800 mg) is used for patients weighing less than 60 kg. For cystic echinococcosis the 28-days course may be repeated after 14 days without treatment to a total of three treatment cycles. For alveolar echinococcosis, cycles of 28 days of treatment followed by 14 days without treatment may need to continue for months or years. When three courses of therapy have been given in the pre or post surgical setting, optimal killing of cyst contents is achieved.

### CONTRAINDICATION & PRECAUTION

This is known to be teratogenic and embryo-toxic in some animals. Therefore it should not be administered during pregnancy or in women thought to be pregnant.

It should only be used in the treatment of echinococcosis if there is constant medical supervision with regular monitoring of serum-transaminase concentrations and of leucocyte and platelet counts.

### SIDE EFFECT

Side effects include epigastric pains, diarrhoea, headache, nausea, vomiting, dizziness, constipation, pruritis and dry mouth.

### STORAGE CONDITION

Tablet: Store at room temperature and keep away from light. Keep out of the reach of children.

Suspension: Keep in a cool and dry place, away from light.

### HOW SUPPLIED

**Almex® 400 Tablet :** Box containing 25x1 tablets in strip pack.

**Almex® Suspension:** 10 ml suspension in sealed cap bottle.

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Manufactured by :



**SQUARE**

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BANGLADESH

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