

Tanzol™ (Albendazole Tablet / Albendazole Suspension)

Composition:

Tanzol Tablet: Each uncoated chewable tablet contains: Albendazole USP 400mg.

Colour: **Sunset Yellow**. Flavour: Orange.

Excipients: Calcium Hydrogen Phosphate BP, Maize Starch BP, Gelatin BP, Sodium Benzoate BP, Saccharin Sodium BP, Magnesium Stearate BP & Purified Talc BP.

Tanzol Suspension: Each 10ml contains: Albendazole USP 400mg.

Colour: **Sunset Yellow FCF**. Flavour: **Banana**.

Excipients: Citric Acid Monohydrate BP, Glycerol BP, Sodium Methyl Hydroxy Benzoate BP, Sodium Propyl Hydroxy Benzoate BP, Carmellose Sodium BP, Liquid Sorbitol (70%) BP, Sucrose, Polysorbate-80 BP, Purified Water BP.

Pharmacological category: **Tanzol** is a benzimidazole anthelmintic drug.

Pharmacological action: **Tanzol** selectively blocks the glucose uptake by adult helminthes in the intestine & their tissue dwelling larvae. Inhibition of glucose uptake leads to endogenous depletion of glycogen stored within the parasite. This in turn causes a decrease in the formation of adenosine triphosphate. By this mechanism, the drug slowly depletes the energy levels of the susceptible parasites.

Pharmacokinetics:

Absorption	Oral absorption is low
Plasma half life	8.5 hrs
Mean plasma peak concentration	0.46 to 1.58mcg / ml
Elimination	Via bile

Therapeutic indications: **Tanzol** is indicated for the treatment of parasitic worm infestations (single or mixed) due to: Enterobius vermicularis (Pin worms), Trichuris trichuira (Whipworms), Ascaris lumbricoides (Large Roundworms), Ancylostoma duodenale (Hookworms), Necator americanus (Hookworms), Strongyloides stercoralis (Threadworms), Taenia spp (Tapeworms), Hymenolepis nana (Dwarf tapeworms), Taenia solium (Neurocysticercosis), Echinococcus granulosus (Hydatid cysts).

Contraindications: **Tanzol** is contraindicated in pregnancy and in patients with known hypersensitivity to albendazole.

Dosage & directions for use: The dose of **Tanzol** for adults and children above 2 years is one tablet or 10ml of suspension (400mg albendazole) as a single dose in suspected or confirmed infestations with Pin worms, Whipworms, Large Roundworms, Hookworms. In case of suspected or confirmed cases of Threadworms, Tapeworms, or Dwarf tapeworms, **Tanzol** should be used at a dose of one tablet or 10ml suspension once daily for

3 consecutive days. In cases of Dwarf Tapeworms, retreatment in 10-21 days is recommended. **Tanzol** 400mg twice daily for 3 consecutive days is effective in the treatment of patients with mixed worm infestation including infestation with Opisthorchis viverrini and Opisthorchis sinensis. For hydatid cysts: 10mg / kg of body weight / day for 4-8 weeks. For neurocysticercosis: 400mg twice a day for 30 days.

Adverse reaction: Use of large doses of **Tanzol** can cause adverse effects like allergic reactions, raised liver enzyme values, alopecia, bone marrow depression etc. Side effects of **Tanzol** include transient abdominal pain and diarrhea, dizziness, nausea, constipation, dry mouth etc.

Warnings & precautions for use in special populations: General: It has been noted that leucopaenia has occurred when used for periods longer than recommended. Patients being treated for neurocysticercosis should receive appropriate steroid and anticonvulsant therapy as required. Cysticercosis may, in rare cases, involve the retina. If retinal lesions are visualized, the need for anticysticercal therapy should be weighed against the possibility of retinal damage caused by albendazole-induced changes to the retinal lesion. Paediatrics: During albendazole therapy, because of the possibility of harm to the liver or bone marrow, routine (every 2 weeks) monitoring of blood counts and liver function tests should take place. Albendazole should be taken with food. Pregnancy: Refer to contra-indications. Lactation: Because of inadequate data breast feeding should be discontinued during & minimum 5 days after the treatment.

Effects on ability to drive and operate machinery: Not applicable.

Drugs interactions: Praziquantel, Cimetidine & Dexamethasone increases the drug level of **Tanzol**. Theroretical risk of interaction with the theophylline, anticonvulsants, oral contraceptives and oral hypoglycaemics increases.

Symptoms of over dosage & its treatment: If poisoning or excessive overdosage is suspected it is recommended, on general principles, that vomiting be induced or gastric lavage be performed, and symptomatic supportive therapy be administered as appears indicated.

Storage condition: Do not store above 30°C. Protect from sunlight. Keep out of reach of children.

Presentation: **Tanzol** tablet: Pack of 1 tablet. **Tanzol** suspension: Pack of 10ml bottle.