

IVACURE™

Ivermectin BP Tablet

DESCRIPTION

Ivacure™ is a preparation of Ivermectin. Ivermectin, a member of the avermectin class, causes death of parasites, primarily through binding selectively and with high affinity to glutamate-gated chloride channels, which occur in invertebrate nerve and muscle cells. This leads to an increase in the permeability of the cell membrane to chloride ions with hyperpolarization of the nerve or muscle cell, resulting in paralysis and death of the parasite. Compounds of this class may also interact with other ligand gated chloride channels, such as those gated by the neurotransmitter gamma-aminobutyric acid (GABA). The selective activity of compounds of this class is attributable to the fact that some mammals do not have glutamate-gated chloride channels, the avermectins have a low affinity for mammalian ligand-gated chloride channels, and Ivermectin does not readily cross the blood-brain barrier in humans.

INDICATIONS

Ivermectin is used in the treatment of scabies caused by *Sarcoptes scabiei*, Filariasis caused by *Wuchereria bancrofti* (lymphatic filariasis). It is also used in the treatment of Pediculosis (head lice), Onchocerciasis, Strongyloidiasis and Trichuriasis.

DOSAGE AND ADMINISTRATION

For Scabies, Strongyloidiasis & Head lice:

A single oral dose approximately 200 mcg per kg of body weight.

Body Weight (kg)	No. of 3 mg tablet	No. of 6 mg tablet	Duration
15-24	1	½	For Scabies & Strongyloidiasis: single dose, if necessary, to be repeated in 7-14 days
25-35	2	1	
36-50	3	1 ½	
51-65	4	2	For Head lice: Once daily given on day 1 and repeated after 7 days
66-79	5	2 ½	
80 and above	200 mcg/kg body weight	200 mcg/kg body weight	

For Lymphatic Filariasis & Onchocerciasis:

A single oral dose approximately 150 mcg per kg of body weight.

Body Weight (kg)	No. of 3 mg tablet	No. of 6 mg tablet	Duration
15-25	1	½	Single dose, if necessary, to be repeated in 7-14 days
26-44	2	1	
45-64	3	1 ½	
65-84	4	2	
85 and above	150 mcg/kg body weight	150 mcg/kg body weight	

Patients should take Ivermectin tablets on an empty stomach with water. Safety and efficacy have not been established for children less than 15kg body weight or below 5 years.

CONTRAINDICATIONS

It is contraindicated in patients who are hypersensitive to Ivermectin.

SIDE EFFECTS

Common side effects are nausea, vomiting or decreased appetite, diarrhea or constipation, muscle or joint pain, swelling of the lymph nodes, fever, tiredness, dizziness, tremor, itching, eyelid swelling or eye redness.

PRECAUTION AND WARNING

Stop taking Ivermectin and seek emergency medical attention if you experience symptoms of a rare but serious allergic reaction including swelling of the lips, tongue or face.

USE IN PREGNANCY AND LACTATION

Pregnancy Category C. There are no adequate and well-controlled studies with Ivermectin in pregnant and lactating women.

DRUG INTERACTIONS

Some of the products that may interact with Ivermectin include: barbiturates, benzodiazepines and Monoamine Oxidase (MAO) inhibitors

PHARMACEUTICAL PRECAUTION

Store at or below 25°C temperature. Keep away from light and wet place. Keep out of reach of children.

PACKAGING

Ivacure™ 3 Tablet: Each box contains 3 strips of 10 tablets each. Each tablet contains Ivermectin BP 3 mg.

Ivacure™ 6 Tablet: Each box contains 1 strip of 10 tablets. Each tablet contains Ivermectin BP 6 mg.

SK+F

Manufactured by

ESKAYEF PHARMACEUTICALS LTD.

MIRPUR, DHAKA, BANGLADESH

TM TRADEMARK

PM07326 V01

Manufactured for

ESKAYEF PHARMACEUTICALS LTD.

TONGI, GAZIPUR, BANGLADESH

TM TRADEMARK