



SPEKTRUM[®] Cat
Broad Spectrum Dewormer

(Praziquantel / Pyrantel Pamoate) Tablets for Cats and Kittens

Praziquantel and Pyrantel Pamoate Chewable Tablets.

COMPOSITION: Each chewable tablet contains:

Praziquantel USP : 20 mg
Pyrantel Pamoate USP : 230 mg
Excipients : q.s.

INDICATIONS:

SPEKTRUM[®] Cat is indicated for the treatment of Roundworms, Hookworms and Tapeworms in Cats and Kittens.

Worms controlled include:

Roundworms: *Toxocara cati*, *Toxascaris leonina*.

Hookworms: *Ancylostoma tubaeforme*, *Ancylostoma braziliense*, *Uncinaria stenocephala*.

Tapeworms: *Dipylidium caninum*, *Taenia taeniaeformis*

Pharmacodynamic properties

Pyrantel acts as a cholinergic agonist. Its mode of action is to stimulate nicotinic cholinergic receptors of the parasite, induce spastic paralysis and thereby allow expulsion from the gastrointestinal (GI) system by peristalsis. Praziquantel is very rapidly absorbed into and distributed throughout the parasite. Both in vivo and in vitro studies have shown that praziquantel causes severe damage to the parasite integument, resulting in contraction and paralysis. There is an almost instantaneous tetanic contraction of the parasite musculature and a rapid vacuolisation of the syncytial tegument. This rapid contraction has been explained by changes in divalent cation fluxes, especially calcium. In this fixed combination product, pyrantel is active against the following ascarids: *Toxocara cati* and *Toxascaris leonina*. Praziquantel is effective against tapeworms in particular *Dipylidium caninum* and *Taenia taeniaeformis*. The product has also been shown to be efficacious in the control of hookworms, *Ancylostoma tubaeforme* and *A. braziliense* and the tapeworm *Joyeuxiella pasqualei*, none of which occur naturally in the UK or Ireland but may occasionally be found in imported animals. Since it contains praziquantel, the product is effective against *Echinococcus multilocularis*, which does not occur in the UK or Ireland but is becoming more common in some European countries.

Dosage and Administration:

To assure proper dosage, weigh the cat prior to treatment. Select the number of whole or partial tablets needed for the cat from the following table.

Body Weight* (lbs.)	Body Weight* (kgs.)	Number of Tablets
2 - 3	1 - 1.5	½
4 - 8	1.6 - 3.8	1
9 - 12	4.0 - 5.5	1 ½
13 - 16	5.7 - 7.3	2

*Not for use in Kittens less than 6 weeks of age or weighing 2 lbs.

SPEKTRUM[®] Cat Tablets may be given directly by mouth or offered in a small amount of food.

Recommended treatments:

Kittens:

Treat at 6, 8, 10 and 12 weeks and then monthly until 6 months of age, after that every 3 months or on veterinary advice.

Lactating queens:

Should be treated concurrently with kittens.

Adults:

Treat every 3 months or on veterinary advice.

CONTRAINDICATIONS, WARNINGS, ETC:

Do not use in pregnancy.

Not intended for use in kittens less than 6 weeks of age.

Do not use simultaneously with piperazine compounds.

In the interests of good hygiene, persons administering the tablets directly to the cat, or by adding them to the cat's food, should wash their hands afterwards.

For animal treatment only.

KEEP OUT OF REACH OF CHILDREN

Do not remove tablets from strip packing until required for use. Any part used tablets should be discarded.

Safety:

Cats treated with 10 times the highest recommended dose have reported signs of vomiting and salivation without other adverse effects. A temporary loss in appetite and loose stools have been reported in some cats.

Disposal:

Disposal of any empty packaging and remaining product in the household refuse.

Further information:

The product has been shown to be efficacious in the control of the tapeworm *Joyeuxiella pasqualei*, and is effective against *Echinococcus multilocularis*.

Directions for use:

SPEKTRUM[®] Cat (praziquantel / Pyrantel Pamoate) tablets will remove Tapeworms (*Dipylidium caninum*, *Taenia taeniaeformis*), Hookworms (*Ancylostoma tubaeforme*), and Large Roundworms (*Toxocara cati*) in cats and kittens.

The presence of tapeworms is indicated by the observance of tapeworm segments passed in the cat's feces. Tapeworm segments are white, pinkish-white or yellow-white in color and are similar in size and shape to flattened grains of rice. The segments are most frequently observed lying on a freshly passed stool. Segments may also be found on the hair around the anus of the animal or on the animal's bedding. Cats become infected with tapeworms after eating fleas or small mammals (rabbits, mice) which may be infected with tapeworm larvae.

Hookworms are small whitish or reddish-brown worms less than one inch in length that live in the intestinal tract and feed on blood. Cats can become infected with hookworms by swallowing infected larvae while grooming or when larvae from the environment burrow through the skin. Cats infected with hookworms may have poor physical condition, dull haircoat, and reduced body weight and diarrhea, sometimes with the presence of dark blood.

Large roundworms are white or yellow-white strands 2-7 inches in length (similar in size and color to smooth strings of spaghetti) that may be observed in the cat's vomit or feces. Cats become infected with large roundworms by swallowing infective eggs, particularly while grooming, or by ingestion of mice that may be infected with larval stages.

Large roundworms and hookworms pass eggs in the feces of the cat that can only be observed with the aid of a microscope.

The presence of these parasites should be confirmed through identification of parasite eggs in the feces.

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasites.

Large roundworms and hookworms may be observed in the feces of the cat a day or so after the cat has been treated with SPEKTRUM[®] Cat Tablets. The majority of tapeworms, however, is digested and is not found in the feces after treatment.

Warning:

KEEP OUT OF REACH OF CHILDREN. Consult your veterinarian before administering to sick or pregnant animals.

STORAGE CONDITIONS:

SPEKTRUM[®] Cat Tablets should be stored at controlled room temperatures between 59-86°F (15-30°C).

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5.5" x 8.5"