

## NOAH Compendium

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[MSD Animal Health UK Limited](#)

**Telephone:**01908 685685 (Customer Support Centre)

**Website:**[www.msd-animal-health.co.uk](http://www.msd-animal-health.co.uk)

**Email:**[vet-support.uk@msd.com](mailto:vet-support.uk@msd.com)

**Panacur® small animal 100 mg/ml oral suspension**

**Species:**Cats, Dogs

**Therapeutic indication:Pharmaceuticals: Endoparasiticides:** Anthelmintics for dogs, Anthelmintics for cats

**Active ingredient:**Fenbendazole

**Product:**Panacur® small animal 100 mg/ml oral suspension

**Product index:**Panacur® small animal 100 mg/ml

**Incorporating:**

**Qualitative and quantitative composition**

**Active substance:**

Fenbendazole 100 mg

**Other substances:**

Sodium methyl parahydroxybenzoate 2.000 mg

Sodium propyl parahydroxybenzoate 0.216 mg

Benzyl alcohol 4.835 mg

For the full list of excipients, see section “Pharmaceutical particulars”.

**Pharmaceutical form**

White to off white suspension.

**Clinical particulars**

**Target Species**

Dogs, cats, puppies and kittens.

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### Indications for use

A broad spectrum anthelmintic for the treatment of domestic dogs and cats infected with immature and mature stages of nematodes of the gastro-intestinal and respiratory tracts.

Adult dogs and cats: For the treatment of adult dogs and cats infected with gastrointestinal nematodes and cestodes:

*Ascarid* spp. (*Toxocara canis*, *Toxocara cati* , *Toxascaris leonina*)

*Ancylostoma* spp.

*Trichuris* spp.

*Uncinaria* spp.

*Taenia* spp.

Puppies and kittens: For the treatment of puppies and kittens infected with gastrointestinal nematodes and puppies infected with protozoa (*Giardia* spp.).

Pregnant dogs: For the treatment of pregnant dogs to reduce prenatal infections with *Toxocara canis* and the transfer of *T.canis* and *Ancylostoma caninum* to their pups via the milk.

Also for the treatment of domestic dogs infected with lungworm *Oslerus (Filaroides) osleri* or protozoa *Giardia* spp., and cats infected with lungworm *Aelurostrongylus abstrusus*.

Also has an ovicidal effect on nematode eggs.

### Contraindications

None known.

### Special warnings for each target species

None.

### Special precautions for use

Assess body weight as accurately as possible before calculating the dosage.

### Operator warnings

Direct contact with the skin should be kept to a minimum.

Wear impermeable rubber gloves and wash hands after use.

The use of this product should be based on local epidemiological information about susceptibility of the nematodes and recommendations on how to limit further selection for resistance to anthelmintics.

### Adverse Reactions

Dogs, cats, puppies and kittens:

Very rare (<1 animal / 10,000 animals treated, including isolated reports):

Gastrointestinal disorders

Reporting adverse events is important. It allows continuous safety monitoring of a veterinary medicinal product. Reports should be sent, preferably via a veterinarian, to either the marketing authorisation holder or its local representative or the national competent authority via the national reporting system. See the package leaflet for respective contact details.

### Use during pregnancy or lactation

The product can be used in pregnant bitches.

As teratogenic effects in dogs and cats cannot be completely ruled out in very rare cases, the treatment in the first two trimesters of pregnancy should be based on the benefit-risk evaluation by the responsible veterinary surgeon.

### Interactions

None known.

### Amounts to be administered and administration route

Oral use.

Shake container before use.

#### Routine treatment of adult dogs and cats

1 ml per 1 kg body weight as a single oral dose.

(= 100 mg fenbendazole/kg body weight)

#### Practical dosage recommendations:

2 to 4 kg 4 ml

4 to 8 kg 8 ml

8 to 16 kg 16 ml

16 to 24 kg 24 ml

24 to 32 kg 32 ml

32 to 64 kg 64 ml

For dogs weighing over 64 kg, an extra 10 ml are required for each additional 10 kg body weight.

The dose should be added to feed, directly before feeding or administered by mouth directly after feeding.

Treatment should be repeated when natural re-infection with parasitic worms occurs. Routine treatment of adult animals with minimal exposure to infection is advisable 2 to 4 times per year. More frequent treatment at 6 to 8 weekly intervals is advisable for dogs in kennels.

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### Puppies and kittens under 6 months of age

0.5 ml per kg body weight daily for 3 consecutive days given by mouth directly after feeding to unweaned animals or added to feed for weaned animals, directly before feeding.

(= 50 mg fenbendazole/kg body weight daily for 3 days)

#### Practical dosage recommendations:

Up to 1 kg 0.5 ml daily for 3 days

1 to 2 kg 1 ml daily for 3 days

2 to 4 kg 2 ml daily for 3 days

4 to 6 kg 3 ml daily for 3 days

6 to 8 kg 4 ml daily for 3 days

8 to 10 kg 5 ml daily for 3 days

For puppies weighing over 10 kg, an extra 0.5 ml is required daily for each additional kg body weight.

Puppies should be treated at 2 weeks of age, 5 weeks of age and again before leaving the breeder's premises. Treatment may also be required at 8 and 12 weeks of age. Thereafter, frequency of treatment can be reduced unless the pups remain in kennels where reinfection occurs more readily.

### Pregnant dogs

1 ml per 4 kg body weight daily from day 40 of pregnancy continuously to 2 days post-whelping (approximately 25 days) (= 25 mg fenbendazole/kg body weight daily)

#### Practical dosage recommendations:

4 kg 1 ml daily for approx. 25 days

8 kg 2 ml daily for approx. 25 days

12 kg 3 ml daily for approx. 25 days

20 kg 5 ml daily for approx. 25 days

40 kg 10 ml daily for approx. 25 days

For dogs weighing over 40 kg, an extra 1 ml is required daily for each additional 4 kg body weight.

As treatment of pregnant dogs is 98% effective, puppies from these dogs should themselves be treated with a 3 day course at 2 and 5 weeks of age.

### Pregnant cats

Pregnant cats can be safely treated but only require a single treatment at the routine adult dose rate. Administer 1ml per kg body weight as a single dose.

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(= 100mg fenbendazole/kg body weight)

### Increased dosing for specific infections

For the treatment of clinical worm infestations in adult dogs and cats or *Giardia* spp. infections in dogs, administer 1 ml per 2 kg body weight daily for 3 consecutive days.

(= 50 mg fenbendazole/kg body weight daily for 3 days)

For the control of lungworm *Oslerus (Filaroides) osleri* in dogs administer

1 ml per 2 kg body weight for 7 consecutive days.

(= 50 mg fenbendazole/kg body weight daily for 7 days)

A repeat course of treatment may be required in some cases.

For the control of lungworm *Aelurostrongylus abstrusus* in cats administer

1 ml per 2 kg body weight for 3 consecutive days.

(= 50 mg fenbendazole/kg body weight daily for 3 days)

To ensure a correct dosage, body weight should be determined as accurately as possible.

### **Overdose**

Benzimidazoles have a high margin of safety. No specific overdose symptoms are known. No specific actions required.

### **Withdrawal periods**

Not applicable.

### **Pharmacological particulars**

**ATCvet code:** QP52AC13

### ***Pharmacodynamic properties***

Fenbendazole is an anthelmintic belonging to the benzimidazole carbamates group. It acts by interfering in the energy metabolism of the nematode. The anthelmintic efficacy is based on inhibition of the polymerisation of tubulin to microtubuli. The anthelmintic affects both adult and immature stages of gastrointestinal and respiratory nematodes.

### ***Pharmacokinetic particulars***

Fenbendazole is only partly absorbed after oral administration and is then metabolised in the liver. Fenbendazole and its metabolites are distributed throughout the body and high concentrations can be found in the liver. The elimination of fenbendazole and its metabolites occurs primarily via the faeces (>90%) and to a small extent in the urine and milk.

Fenbendazole is metabolised to its sulfoxide, then to sulphone and amines.

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### **Pharmaceutical particulars**

#### **Excipients**

Benzyl alcohol

Sodium methyl parahydroxybenzoate

Sodium propyl parahydroxybenzoate

Silica, colloidal anhydrous

Povidone K25

Carmellose sodium

Sodium citrate dihydrate

Citric acid monohydrate

Purified water

#### **Major incompatibilities**

None known.

#### **Shelf life**

2 years.

#### **Special precautions for storage**

Do not freeze.

#### **Immediate packaging**

Cardboard box with 1 x 100 ml multidose bottle.

Container: Opaque or solid white high density polyethylene bottle.

Closure: Foil seal with a polyethylene or polypropylene screw cap.

#### **Disposal**

Cardboard box with 1 x 100 ml multidose bottle.

Container: Opaque or solid white high density polyethylene bottle.

Closure: Foil seal with a polyethylene or polypropylene screw cap.

#### *Disposal*

Medicines should not be disposed of via wastewater.

The veterinary medicinal product should not enter water courses as fenbendazole may be dangerous for fish and other aquatic organisms.

## **NOAH Compendium**

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any national collection systems applicable to the veterinary medicinal product concerned.

### **Marketing Authorisation Holder (if different from distributor)**

Intervet International B.V. represented by MSD Animal Health UK Ltd.

### **Marketing Authorisation Number**

UK: Vm 06376/4077

### **Significant changes**

#### **Date of the first authorisation or date of renewal**

29 January 1993

#### **Date of revision of the text**

July 2025.

### **Any other information**

For animal treatment only. Keep out of the sight and reach of children.

### **Legal category**

**Legal category:**NFA-VPS

### **GTIN**

**GTIN description:**Panacur 10% SU 10x100ml:

**GTIN:**05032984102017