PARASITOL-L

Q-0209-074

Injectable solution

Antihelmintic

Each 100 ml contain	
Levamisole hydrochloride	12 g
Excipient	100 ml

Uso en especies

Bovine | Ovine | Caprine | Porcine.

INDICATIONS AND USES

Broad spectrum antihelmintic for control of larva and adult forms of pulmonary and gastroenterological parasites in bovines, ovines, caprines, and porcines.

CLINICAL PHARMACOLOGY

- DRUG KINETIC:

Levamisole is absorbed quickly and efficiently by parenteral route. Subcutaneously, levamisole reaches maximum plasma levels after 30 minutes and at three to four hours is undetected in plasma.
It is extensively metabolized by the liver and the metabolites are excreted mainly by kidney and approximately 5% is excreted by feces.
Less than 5% is excreted without changes in urine and less than 0.2% in feces..

- PHARMACODYNAMICS

Levamisole causes paralysis by permanent muscular contraction and passive elimination of the parasite. In the case of ascaris, the levamisole acts by stimulating the ganglionic nerve structure producing inhibition by depolarization. Besides, it has been demonstrated that elevated doses of levamisole is an important inhibitor of the fumarate reductase, when joining the sulfhidrile groups (-SH) of the enzyme, forming disulfide bridges (-S-S-). This enzyme, part of the Krebs cycle, is of fundamental importance for transfer of reduction equivalents originating in the FADH2, thereby its inhibition affects ATP synthesis by the parasite.

DOSAGE

Bovines, porcines, ovines and caprines 1 mL / 20 kg of body weight in gastrointestinal parasitosis, 1 mL / 16 kg of body weight in lung parasitosis.
Maximum dose for application site: 15ml

ROUTE OF ADMINISTRATION:

DEEP INTRAMUSCULAR AND SUBCUTANEOUS
PORCINE: SUBCUTANEOUS BEHIND THE EAR.

WARNING:

Do not administer PARASITOL-L® together with deworming organophosphates.
Store at room temperature at no more than 30°C in a dry place.
Keep out of the reach of children.
For exclusive use of veterinarians.
Sold by prescription only, do not administer in equines.

WITHDRAWAL PERIOD

Do not use the product 3 days before slaughter of animals destined for human consumption.
Do not administer in animals whose milk is destined for human consumption, or processing of derivatives, until 3 days after the last treatment.
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ANTIDOTE:

Atropine may be used as an antidote.

TOXICITY:

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ADVERSE EFFECTS:

Cattle may present foaming at the snout, hypersalivation, tremors or lip licking, this effect is produced when high doses of levamisole are applied.

SPECTRUM:

Ruminants:
- Gastrointestinal nematodes, larva and adult state:
Haemonchus spp, Ostertagia spp, Trichostrongylus spp, Cooperia spp, Nematodirus spp Oesophagostomun spp, Bunostomum spp, Parafilaria bovicola (subcutaneous filariasis), Thelazia spp, Trichuris spp, ascaridiasis.

Porcine:
- Gastrointestinal strongilosis Strongylus ransomi (larva and adult)
- Respiratory strongilosis: Metastrongylus spp.
- Ascaridiasis: Ascaris suum.
- Trichuris spp.

PRESENTATIONS

500 ml