



THE

Broadest

**Parasite
Protection
of its Kind***

**IN A CHEWABLE TABLET,
COVERING 6 TYPES
OF PARASITES.**



**Credelio
Quattro™**
(lotilaner, moxidectin,
praziquantel, and pyrantel
chewable tablets)

* Based on label comparison of the number of parasite types covered in an isoxazoline endectocide

Help Protect Your Patients from More* Types of Parasites

Credelio Quattro™ is the broadest* parasite protection available in an isoxazoline endectocide. Unlike other isoxazoline endectocides, Credelio Quattro protects against six types of parasites in one monthly flavored chewable tablet.



Ticks



Fleas



Heartworms



Roundworms



Hookworms



Tapeworms

6 in 1
Parasite
Protection

* Based on label comparison of the number of parasite types covered in an isoxazoline endectocide.

Why choose Credelio Quattro?



The **first and only** canine isoxazoline endectocide that covers **3 species of tapeworms**.



Contains lotilaner that **kills ticks† faster** than§ sarolaner in Simparica Trio® & afoxolaner in NexGard®.¹



100% effective at preventing heartworm disease from the first monthly dose in laboratory studies.



Contains the **same established dose of lotilaner** found in Credelio® (lotilaner).

† *Amblyomma americanum* (lone star tick)

§ Based on time to statistical significance vs control in a head to head study. The study compared Credelio® (lotilaner)—not Credelio Quattro™, which contains lotilaner as well as moxidectin, praziquantel, and pyrantel—to the active ingredients in Simparica Trio® (sarolaner, moxidectin, and pyrantel) and NexGard® (afoxolaner).



Credelio Quattro
(lotilaner, moxidectin, praziquantel, and pyrantel chewable tablets)

Protection Against Ticks and Fleas

Credelio Quattro contains extra-purified lotilaner. The inactive enantiomer is removed decreasing the potential for additional side effects.²

Tried & True Killing Power of Lotilaner

Credelio Quattro contains the same established dose of lotilaner found in Credelio



In flea infested homes, just 3 monthly doses of lotilaner reduced flea populations by 99.5-100%.



In a study using Credelio, lotilaner was shown to inhibit the neuromuscular function of ticks[‡] in just 2 hours.³

[‡] *Amblyomma americanum*

When Protecting Patients, Faster Is Better



4 HOURS
Starts killing fleas in just 4 hours



8 HOURS
Kills 99% of fleas within just 8 hours of administration



12 HOURS
Lotilaner kills 100% of fleas 12 hours after administration and remains effective for an entire month⁴

Speed of Kill Against *A. americanum*¹

Time point at which each active ingredient achieved consistent superior efficacy versus untreated control group (P ≤ 0.05)

Day of study	Lotilaner (Credelio Quattro)	Sarolaner (Simparica Trio)	Afoxolaner (NexGard)
0	12 hrs	24 hrs	24 hrs
21	12 hrs	48 hrs	48 hrs
28	8 hrs	48 hrs	72 hrs

Longer Half-Life

Lotilaner reaches peak absorption in only 2 hours and maintains high, sustained blood levels for the entire month.⁵

Half-life comparisons of isoxazoline compounds

Isoxazoline compound	Found In	5	10	15	20	25	30
Lotilaner	Credelio Quattro and Credelio	[Bar extending to 30]					
Fluraner ⁶	Bravecto [®] 3-Month Chew	[Bar extending to ~16]					
Afoxolaner ⁷	NexGard and NexGard Plus	[Bar extending to ~15]					
Sarolaner ⁸	Simparica Trio	[Bar extending to ~12]					

The clinical significance of half-life data has not been established.

100%
Heartworm
Disease
Protection
From the 1st
Monthly Dose



Demonstrated Efficacy Against Tapeworms, Roundworms, and Hookworms

Credelio Quattro protects against three types of intestinal worms that pose a zoonotic risk — tapeworms, roundworms, and hookworms.

Just one Credelio Quattro chewable eliminates $\geq 97\%$ of roundworms and hookworms.

In two well-controlled laboratory studies, Credelio Quattro was 100% effective against *Dirofilaria immitis* infections from the first monthly dose.



Roundworm



Hookworm

Credelio
Quattro
(lotilaner, moxidectin,
praziquantel, and pyrantel
chewable tablets)

The First Isoxazoline Endectocide to Kill Tapeworms

Easy to Pick Up, Hard to Diagnose

Tapeworm infections are common, but some can be easy to miss.



D. caninum can be diagnosed by their shedding of large, visible proglottids. Adults range from 15-70 cm.⁹



Echinococcus species are difficult to diagnose due to their small size and low number of body segments. *E. granulosus* grow to just 2-7mm.¹⁰

A Zoonotic Risk

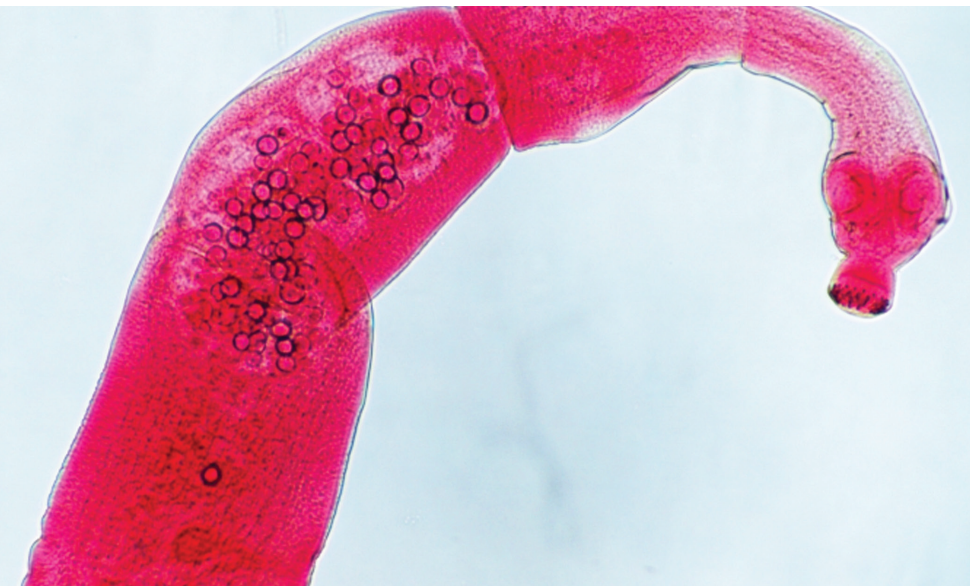
Tapeworms don't just threaten dogs: they can be passed from dogs to humans. CAPC recommends monthly deworming of dogs with praziquantel in areas where *E. granulosus* tapeworms are endemic.¹⁰

100% Efficacy

A monthly dose of Credelio Quattro has been shown to be 100% efficacious against tapeworms¹ with its industry-established dose of praziquantel (2.28mg/lb).

¹ *Echinococcus granulosus*, *Dipylidium caninum*, and *Taenia pisiformis*

Tapeworm



Easy to Give



not actual size

Comes in a tasty beef-flavored chewable tablet formulation

Meat allergen-free and carefully crafted for sensitive dogs¹¹



Nearly 9 out of 10 dogs accepted Credelio Quattro



Credelio Quattro
(lotilaner, moxidectin, praziquantel, and pyrantel chewable tablets)

Choose Credelio Quattro for Your Patients

Credelio Quattro is easy to stock: it is available in the same dosing weight ranges as Credelio – but the lowest Credelio Quattro weight range is just 3.3 lbs. For dogs over 100 lbs., simply administer the appropriate combination of tablets.

	3.3 - 6 lbs. <small>2 weeks of age and older</small>	6.1 - 12 lbs. <small>2 weeks of age and older</small>	12.1 - 25 lbs. <small>2 weeks of age and older</small>	25.1 - 50 lbs. <small>2 weeks of age and older</small>	50.1 - 100 lbs. <small>2 weeks of age and older</small>
Credelio Quattro (lotilaner, moxidectin, praziquantel, and pyrantel chewable tablets)					
Weight Range	3.3 – 6 lbs.	6.1 – 12 lbs.	12.1 – 25 lbs.	25.1 – 50 lbs.	50.1 – 100 lbs.
Size Comparison¹²					
	Not actual size				
Tablet Strength (mg)	56.25 mg	112.5 mg	225 mg	450 mg	900 mg



The **Broadest** Parasite Protection of Its Kind* in a Single Chewable Tablet Covering 6 Types of Parasites

	Credelio Quattro™	Simparica Trio®	NexGard® PLUS
Kills Ticks	✓	✓	✓
Contains lotilaner, that kills ticks† faster than§ sarolaner in Simparica Trio and afoxolaner in NexGard ¹	✓		
Uses the same established isoxazoline dose found in the comparable ectoparasiticide product	✓		✓
Prevents Heartworm Disease Minimum doses to be administered after last seasonal mosquito exposure	✓ at least 1 monthly dose	✓ at least 1 monthly dose	✓ at least 6 monthly doses
Treats and Controls Tapeworms	✓		
Treats and Controls Hookworms and Roundworms	✓	✓	✓

Based on label comparisons

Satisfaction Guarantee

Backed by the Elanco Parasiticides Satisfaction Guarantee



Credelio Quattro™
(lotilaner, moxidectin, praziquantel, and pyrantel chewable tablets)

* Based on label comparison of the number of parasite types covered in an isoxazoline endectocide
 † *Amblyomma americanum* (lone star tick)
 § Based on time to statistical significance vs control in a head to head study. The study compared Credelio® (lotilaner)—not Credelio Quattro™, which contains lotilaner as well as moxidectin, praziquantel, and pyrantel—to the active ingredients in Simparica Trio® (sarolaner, moxidectin, and pyrantel) and NexGard® (afoxolaner).

Broaden Your Recommendation with 6 in 1 Parasite Protection

- ✓ The **first and only** canine isoxazoline endectocide that covers **3 species of tapeworms**.
- ✓ Contains lotilaner that **kills ticks[†] faster** than[§] sarolaner in Simparica Trio & afoxolaner in NexGard.¹
- ✓ **100% effective at preventing heartworm disease from the first monthly dose** in laboratory studies.
- ✓ Contains the **same established dose of lotilaner** found in Credelio.



Prescribe Credelio Quattro: the broadest* parasite protection available in an isoxazoline endectocide covering 6 types of parasites in one monthly flavored chewable tablet.



Learn more about Credelio Quattro by scanning the QR code or visiting CredelioQuattroVet.com

* Based on label comparison of the number of parasite types covered in an isoxazoline class endectocide

[†] *Amblyomma americanum* (lone star tick)

[§] Based on time to statistical significance vs control in a head to head study. The study compared Credelio[®] (lotilaner)—not Credelio Quattro[™], which contains lotilaner as well as moxidectin, praziquantel, and pyrantel—to the active ingredients in Simparica Trio[®] (sarolaner, moxidectin, and pyrantel) and NexGard[®] (afoxolaner).

INDICATIONS: Credelio Quattro is indicated for the prevention of heartworm disease caused by *Dirofilaria immitis* and for the treatment and control of roundworm (immature adult and adult *Toxocara canis* and adult *Toxascaris leonina*), hookworm (fourth stage larvae, immature adult, and adult *Ancylostoma caninum* and adult *Uncinaria stenocephala*), and tapeworm (*Dipylidium caninum*, *Taenia pisiformis*, and *Echinococcus granulosus*) infections. Credelio Quattro kills adult fleas and is indicated for the treatment and prevention of flea infestations (*Ctenocephalides felis*) and the treatment and control of tick infestations [*Amblyomma americanum* (lone star tick), *Dermacentor variabilis* (American dog tick), *Ixodes scapularis* (black-legged tick), *Rhipicephalus sanguineus* (brown dog tick), and *Haemaphysalis longicornis* (longhorned tick)] for one month in dogs and puppies 8 weeks of age and older, and weighing 3.3 pounds or greater. Credelio Quattro is indicated for the prevention of *Borrelia burgdorferi* infections (also known as Lyme disease) as a direct result of killing *Ixodes scapularis* vector ticks.

IMPORTANT SAFETY INFORMATION: Lotilaner, an ingredient in Credelio Quattro, belongs to the isoxazoline class and has been associated with neurologic adverse reactions like tremors, ataxia, and seizures even in dogs without a history of seizures. Use with caution in dogs with a history of seizures or neurologic disorders. Dogs should be tested for existing heartworm infections before Credelio Quattro administration as it is not effective against adult *D. immitis*. The safe use in breeding, pregnant, or lactating dogs has not been evaluated. The most frequently reported adverse reactions in clinical trials were vomiting and diarrhea. For full prescribing information see the Credelio Quattro package insert.

REFERENCES

- 1 Reif KE, Kollasch TM, Neilson JC, et al. Comparative speed of kill provided by lotilaner (Credelio[™]), sarolaner (Simparica Trio[™]), and afoxolaner (NexGard[™]) to control *Amblyomma americanum* infestations on dogs. *Parasit Vectors*. 2024;17(1):313.
- 2 Toutain C, Seewald W, Jung M. The intravenous and oral pharmacokinetics of lotilaner in dogs. *Parasite Vector*. 2017;10:522.
- 3 Wenger MJ, Kollasch TM, Locklear C, et al. Early onset of pre-lethal effects of lotilaner (Credelio[®]) on *Amblyomma americanum* ticks on experimentally infested dogs. *Parasit Vector*. 2021;14:322.
- 4 Cavalleri D, Murphy M, Seewald W et al. Assessment of the speed of flea kill of lotilaner (Credelio[™]) throughout the month following oral administration to dogs. *Parasit Vectors* 2017;10(1):529
- 5 Elanco Animal Health. Data on file.
- 6 Bravecto prescribing information.
- 7 Drag M, Saik J, Harriman J, et al. Safety evaluation of orally administered afoxolaner and milbemycin oxime in eight week old dogs. *J Vet Pharmacol Therap*. 2016;40:447-453.
- 8 Simparica Trio prescribing information.
- 9 *Dipylidium caninum*. Companion Animal Parasite Council Guidelines. Updated Nov 22, 2022. Accessed Dec 3, 2024. <https://capcvet.org/guidelines/dipylidium-caninum/>
- 10 *Echinococcus* spp. Companion Animal Parasite Council Guidelines. Updated Sept 13, 2022. Accessed Oct 10, 2024. <https://capcvet.org/guidelines/echinococcus-spp/>
- 11 Elanco Animal Health. Data on file.
- 12 Elanco Animal Health. Data on file.