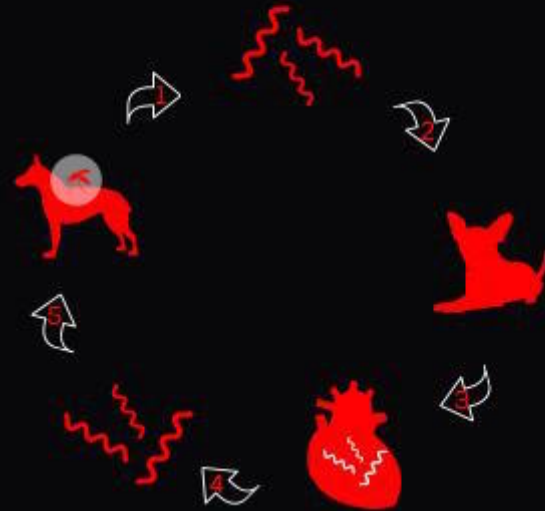


# Heartworm Disease & Prevention

Heartworm disease is a potentially fatal disease in pets caused by foot long worms (heartworms) that live in the heart, lungs and blood vessels of infected pets. The disease can cause heart failure, lung disease, and damage to other organs.




## LIFE CYCLE

- 1 Mosquito ingests blood infected with microfilariae from an infected dog
- 2 Microfilariae develop into infective larvae within the mosquito
- 3 Infective larvae enter a new host when the mosquito feeds
- 4 Larvae migrate to the right side of the heart and develop into adult worms
- 5 Adult worms reproduce and by 6 months, microfilariae may be found in the blood



## CHOOSING THE RIGHT PREVENTION

With the varying products on the market, you may find it difficult to choose the right prevention. The following chart compares current heartworm preventative products side by side to assist you in choosing the right product for your pet's situation.

Product	For Dogs or Cats	Other Parasites Controlled	Application Method	Youngest Age to Start
Heartgard Plus		Hookworms, roundworms	Oral	6 weeks
Sentinel		Hookworms, roundworms, whipworms, sterilizes fleas	Oral	4 weeks
Revolution		Dogs: fleas, ticks, ear mites, sarcoptic mange Cats: fleas, ear mites, hookworms, roundworms	Topical	6 weeks for puppies 8 weeks for kittens