

Parasites at a Glance

Parasites can cause a variety of health problems for your pet- and even death. One of the biggest concerns is the potential for them to spread to people. This handout lists common parasites in cats and dogs, the signs, detection, and whether they can spread to people-these are known as zoonotic parasites. Veterinarians divide parasites into two main categories- external (ectoparasites) and internal (endoparasites). Fleas, ticks, and mites are ectoparasites. Endoparasites, such as heartworms or tapeworms, are often harder to detect but typically cause more severe disease. Here's a look at both:

	Signs and complications	Zoonotic	Detection
Ectoparasites			
Fleas	<ul style="list-style-type: none"> Mild to severe itching, hair loss, scratching, biting and chewing Flea saliva hypersensitivity or allergy and resulting skin problems The transmission of tapeworms Anemia and possible death in young and small animals 	No	<ul style="list-style-type: none"> Examination of the animal for adult fleas or flea dirt (small black specks of dried flea feces)
Ticks	<ul style="list-style-type: none"> Mild local irritation to severe anemia Transmission of diseases to animals and people- Lyme disease, Rocky Mountain spotted fever, and Ehrlichia, among others 	Yes	<ul style="list-style-type: none"> Examination of the animal
Mites and Lice	<ul style="list-style-type: none"> Itching, hair loss, dandruff or crusty lesions, and bleeding or oozing skin 	Some Mites: Yes Lice: No	<ul style="list-style-type: none"> Examination of the animal and skin scrapings

	Signs and complications	Zoonotic	Detection
Endoparasites Heartworms Transmitted through the bite of an infected mosquito	<ul style="list-style-type: none"> May not exhibit signs until in the course of the disease Coughing, difficulty breathing, panting, exercise intolerance, decreased activity level, and sudden death 	No	<ul style="list-style-type: none"> Blood test
Roundworms and hookworms Transmitted through the bite of an infected mosquito	<ul style="list-style-type: none"> Diarrhea, anemia, and loss of body condition 	Yes	<ul style="list-style-type: none"> Fecal examination Observation of worms
Tapeworms	<ul style="list-style-type: none"> None to diarrhea, weight loss, and poor body condition 	Some	<ul style="list-style-type: none"> Observation of tapeworm segments in freshly passed feces Fecal examination

PARASITE TREATMENTS

Our practice offers both preventive and curative treatments for parasites. Of course, we prefer to prevent parasites to save your pet the discomfort of parasite infection and minimize your family's risk. Speak with your veterinarian to learn which products are right for your pet.

Handout courtesy of Dr. Karen Blakeley of All Pets Veterinary Clinic in Mecomb, Ill.