

ZOONOTICS

Diseases which can be transmitted between humans and dogs

Please be aware of the diseases, which can be passed between humans and dogs for the protection of both.

From the University of Washington Transplant list:

PARASITIC (Internal)

Visceral larval migrans (roundworms) - *fecal transmission** - contracted by eating grass or mouthing toys, rocks, etc. in infected areas.

Cutaneous larval migrans (hookworms) - *fecal transmission** - contracted by simply walking through an infected area (larva can burrow into dog footpads)

Dipylidiasis (tapeworm-Dipylidium Caninum) - *fecal transmission** - primarily carried by fleas. As a precaution, dog should be wormed after a flea infestation.

Echinococcosis (tapeworm-Echinococcus Granulosus) - *fecal transmission** - see above

These are what your vet is looking for during the required yearly fecal exam. If you should see something that looks like worms in your dog's feces, do not visit until the dog has been checked by a vet.

Dirofilariasis (heartworm) - *blood transmission* - carried by mosquitoes, astonishingly high occurrence in certain areas of the country. Dogs can be put on a once-a-month preventative by a vet.

Giardiasis (Giadaria) - *fecal transmission* - protozoan that lives in deep well high mountain water. It causes moderate to severe diarrhea in both dogs and humans.

Cryptosporidiosis (Cryptosporidia) - *fecal transmission* - causes diarrhea fever.

ECTOPARASITES (External)

Rocky Mountain Spotted Fever - *tick borne bacteria** - dog will be feverish and disoriented, with an area of swelling near where the tick attaches

Plague - *flea borne** - dog will be feverish and lethargic. Plague is carried by fleas but may also be contracted by contact with an infected rodent.

Tularemia - very rare blood bacteria

Lyme Disease - *tick borne bacteria** - symptoms include swollen joints, difficulty in moving, and fever

Scabies (Mange) - microscopic insect that infects the skin, often around the eyes and/or ears. Often causes hair loss around the eyes that makes the dog look like it is wearing spectacles.

NOTE - dogs also can develop a skin outbreak by a related parasite called demodactic mange that does NOT infect humans. Demodactic mange is to dogs as dust mites are to humans - always present but only cause skin infections in very young, very old, or immune-compromised animals.

BACTERIAL Infections

Brucellosis - *sexually transmitted ONLY!*

Leptospirosis - vaccination available through your veterinarian

Camphlobacteriosis and Salmonellosis (Salmonella) - *fecal transmission* - acquired by ingesting contaminated food.

MYCOTIC Diseases (Fungus)

Dermatomycosis (Ringworm) - skin infection that looks like worms under the skin, but is actually a fungus

Sparotrichosis - Fungus infecting open wounds

VIRUSES

Rabies - vaccination available through your veterinarian.