



Protect your dog!

Rapid, easy and effective security.

What Is Canine Infectious Respiratory Disease (CIRD)?

CIRD, also known as kennel cough, canine cough or tracheobronchitis, is recognized as the most prevalent upper respiratory disease and is known to infect a very high percentage of dogs at least once in their lifetime.

This highly contagious respiratory disease causes inflammation of the respiratory tract and subsequently a dry, hacking cough.

Several types of bacteria and viruses are known to cause CIRD, including *Bordetella bronchiseptica*, canine adenovirus-2 and canine parainfluenza. The bacteria *Bordetella bronchiseptica* is the most common cause of CIRD, is highly contagious to other pets and can also be spread to people.

How Do I Recognize CIRD?

Signs include:

- Dry hacking cough – may sound like honking
- Retching
- Watery nasal discharge
- In mild cases, dogs would likely be active and eating normally
- In severe cases, symptoms progress and can include pneumonia, loss of appetite, fever, lethargy and even death

How Is My Dog Exposed?

After a dog has recovered from CIRD, it can remain a carrier of disease for several months and be a source of infection for other dogs. In addition, *Bordetella bronchiseptica* can survive for up to six months in lake water, so contaminated natural water sources may be another reservoir for this disease agent.

Whenever your dog comes in contact with other dogs that may be shedding the disease, it is at risk for CIRD. This can happen on walks (even on a leash), at dog shows, competitions, off-leash dog parks, groomers, boarding kennels or trips to the pet store.

Why Vaccinate?

Vaccination is a quick and easy way to minimize the risk of CIRD in your dog.

Most boarding kennels require dogs be vaccinated against CIRD/kennel cough, and many veterinarians suggest vaccination if your dog will be in contact with other dogs.

As with many diseases, prevention is easy and cost effective. **Be sure your pet is protected!**

Bronchi-Shield®

Bronchi-Shield® ORAL

A new **orally** administered vaccine that provides excellent protection against *Bordetella bronchiseptica*, the primary pathogen causing Canine Infectious Respiratory Disease (CIRD).

Bronchi-Shield® III

A broad coverage vaccine administered intranasally, Bronchi-Shield III protects against *Bordetella bronchiseptica*, canine adenovirus-2 and canine parainfluenza.

Clinic name:

Telephone:



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