

Infection Control

Pathogen Primer

Parovirus

What is Parvovirus

Parvovirus is a highly contagious virus that affects dogs. Parvovirus does not affect humans. The virus is spread from dog to dog through direct contact or contact with feces. Puppies can also become infected with the virus in the uterus. Symptoms include lethargy, vomiting, fever, bloody diarrhea, and dehydration. Dehydration can also lead to secondary infections.

Facts about Parvovirus

- Mortality rates can reach 91% in untreated cases of Parvovirus, 5 to 20% with aggressive therapy, and 50 to 80% in small dogs and puppies
- Dogs show symptoms of the virus 3 to 7 days after infection
- Parvovirus can lead to further complications including anemia, endotoxemia, shock, and death
- The virus can survive in fecal matter for over a year

Other Information

Although vaccinations can prevent the virus, puppies that are not protected by maternal antibodies or vaccinations are most susceptible. Adult dogs can sometimes show no signs of the virus. Common treatments for this virus include IV fluids and antibiotic injections, with extensive hospitalization.

Infection Control Strategies

Regular cleaning and disinfecting of surfaces, especially in veterinary institutions, with a disinfectant that has a claim for Canine Parvovirus.

Multi-Clean Disinfectants:

Multi-Clean disinfectants that have a Canine Parvovirus claim can be used effectively in a Parvovirus infection control plan, especially in veterinary institutions. Note: Century Q 256 only has a Parvovirus claim if diluted at 2 oz/gallon.

Multi-Clean Disinfectant Products

- Millennium Q 64
- Microcide TB
- Chlorinated tablets

