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## Canine Minute Virus

### Issue Description

*Canine minute virus is a type of virus of the family Parvoviridae that infects dogs. It is most similar to bovine parvovirus in its protein structure and DNA. A virus causing respiratory disease in humans has been called human bocavirus due to its similarity to both these viruses (bovine canine virus). Canine minute virus was originally discovered in Germany in 1967 in military dogs, although it was originally thought to not cause disease. Dogs and puppies are infected orally, and the virus is spread transplacentally to the fetuses.*

### Symptoms

Symptoms are seen most commonly between the ages of one to three weeks and include severe diarrhea, difficulty breathing, and anorexia. In severe cases it is fatal.

In experimental infections, the virus is spread transplacentally when the dam (mother) is infected between 25 and 30 days of gestation and can result in abortion. When the dam is infected between 30 and 35 days, the puppies were sometimes born with myocarditis and anasarca. Pathological lesions in fetuses in experimental infections were found in the lung and small intestine.

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