



Oral Presentation

Zoonotic importance of giardia spp. infections in asymptomatic dogs

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Abstract

Giardia intestinalis (*G. lamblia*, *G. duodenalis*) is a common protozoan in human and other mammals worldwide causing diarrhea, vomiting, abdominal pain, weight loss and dehydration. The major infection occurs via directly faecal-oral route or indirectly contaminated food and water consumption. Dogs can carry the zoonotic genotypes of *Giardia* without any clinical signs and contaminate the environment. Asymptomatic carrier dogs living in the same environment with humans, food and water contaminated with these dogs' faeces can be a source of infection for humans. The aim of this review is to emphasize the asymptomatic course of *Giardia* spp. infections in dogs and to evaluate the effects of asymptomatic carriage on human health and the environment.

Keywords: giardia, dog, zoonosis, asymptomatic

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