



Treating Diarrhea in Shelter Dogs and Cats Resource List

[Parasite Prevalence Map](#), Companion Animal Parasite Council (CAPC)

[Prebiotics, Probiotics and Intestinal Health](#), Veterinary Practice News, June 2011

[Saving Neonatal Kittens](#), Maddie's InstituteSM

[Diarrhea in Kittens and Adult Cats](#), Debra L. Zoran, DVM, PhD, DACVIM

[Lifesaving Intake Protocols and Preventive Health Care Strategies](#), Maddie's Institute.

[GI Flora: Understanding the Role of Probiotics in Veterinary Medicine](#), Debra L. Zoran, DVM, PhD, DACVIM

[Nutritional Recommendations for Shelter Animals](#), UC Davis Koret Shelter Medicine Program

[Antibiotics Commonly Used in Animal Shelters](#), UC Davis Koret Shelter Medicine Program

[Diagnosis and Treatment of Protozoal Infections in Shelters](#), Maddie's Institute

[Starvation and Re-Feeding Animals](#), UC Davis Koret Shelter Medicine Program

[Developing Infectious Disease Policies and Protocols in an Animal Shelter](#), UC Davis Koret Shelter Medicine Program

[Shelter Kittens with *Tritrichomonas Foetus*](#), UC Davis Koret Shelter Medicine Program

[Infectious Disease Management in Animal Shelters](#); Lila Miller, Kate Hurley (Editors); Paperback; 400 pages; July 2009, Wiley-Blackwell.

- Chapter 14. *Details on the common and uncommon internal parasites of the cat and the dog from a shelter perspective.* Bowman DD. "Internal Parasites"
- Chapter 15 on *GI disease, contains a comprehensive overview of the causes of diarrhea in shelter animals, including prevalence, prevention, mode of transmission, diagnosis, treatment, and zoonotic potential. Included also is a detailed explanation of the available tests for bacterial and protozoal diseases that can cause GI symptoms.* Lappin MR, Spindel M. "Bacterial and Protozoal Gastrointestinal Disease"

Bybee, S. N., Scorza, A. V., & Lappin, M. R. "[Effect of the Probiotic *Enterococcus faecium* SF68 on Presence of Diarrhea in Cats and Dogs Housed in an Animal Shelter.](#)" *Journal of Veterinary Internal Medicine / American College of Veterinary Internal Medicine*, 25, 4 (January

01, 2011). “Cats fed SF68 had fewer episodes of diarrhea of ≥ 2 days when compared with controls suggests the probiotic may have beneficial effects on the gastrointestinal tract.”

Marcia L Hart, Jan S Suchodolski, Jörg M Steiner, Craig B Webb. “[Open-label trial of a multi-strain synbiotic in cats with chronic diarrhea.](#)” *Journal of Feline Medicine and Surgery*, April 2012, 14: 240-245. “The mean fecal score for the 53 cats completing the study decreased from 6.0 to 4.4, representing a significantly ($P < 0.001$) firmer stool character. Seventy-two percent of owners perceived an improvement in their cat’s diarrhea following a 21-day course of synbiotic supplementation.”

Queen EV, Marks SL and Farver TB. “[Prevalence of selected bacterial and parasitic agents in feces from diarrheic and healthy control Cats from Northern California.](#)” *Journal of Veterinary Internal Medicine* 2012; 26: 54-60. “Routine fecal cultures and toxin immunoassays for detection of bacteria are of limited diagnostic value in diarrheic cats. Molecular-based testing is superior to fecal cultures for detection and identification of *Campylobacter* spp., but positive test results do not correlate to the presence of disease.”

Mekaru SR, Marks SL, Felley AJ, Chouicha N, Kass PH. “[Comparison of direct immunofluorescence, immunoassays, and fecal flotation for detection of *Cryptosporidium* spp. and *Giardia* spp. in naturally exposed cats in 4 Northern California animal shelters.](#)” *Journal of Veterinary Internal Medicine*, 2007 Sep-Oct;21(5):959-65.

Papini R, Gorini G, Spaziani A, Cardini G. “[Survey on giardiasis in shelter dog populations.](#)” *Vet Parasitol.* 2005 Mar 31;128(3-4):333-9. “Using multivariate analysis, no association was found between *Giardia*-positivity and shelter or sex, breed, or diarrhea.”

Spain CV, Scarlett JM, Wade SE, McDonough P. “[Prevalence of enteric zoonotic agents in cats less than 1 year old in central New York State.](#)” *Journal of Veterinary Internal Medicine*, 2001 Jan-Feb;15(1):33-8. “Our results suggest that clinical signs such as diarrhea are not reliable predictors of whether a cat is actively shedding enteric organisms.”

Zoran, DL. “[Nutritional Management of Feline Gastrointestinal Diseases,](#)” *Topics in Companion Animal Medicine*, Volume 23, Issue 4, November 2008, Pages 200-206, ISSN 1938-9736, 10.1053/j.tcam.2008.08.003. “This article will review the current state of understanding of the role of diet in the management of GI diseases in cats and will offer the reader an overview of diet management strategies in cats.”

Dorothy P Laflamme, Hui Xu, Carolyn J Cupp, Wendell W Kerr, Ziad Ramadan, Grace M Long. “[Evaluation of canned therapeutic diets for the management of cats with naturally occurring chronic diarrhea,](#)” *Journal of Feline Medicine and Surgery*, October 2012 14: 669-677.

Stockdale HD, Givens MD, Dykstra CC, et al. “[Tritrichomonas foetus infections in surveyed pet cats.](#)” *Vet Parasitol* 2009;160:13-17.

Tzannes, S., D. J. Batchelor, et al. "[Prevalence of Cryptosporidium, Giardia and Isospora species infections in pet cats with clinical signs of gastrointestinal disease.](#)" *J Feline Med Surg* 10(1): 1-8. 2008.

de Oliveira Lemos F, Almosny NP, Soares AMB, et al. "[Cryptosporidium species screening using Kinyoun technique in domestic cats with diarrhea,](#)" *J Feline Med Surg* 2012;14:113-117.

Marks SL, Rankin SC, Byrne BA, Weese JS. "[Enteropathogenic bacteria in dogs and cats: diagnosis, epidemiology, treatment and control,](#)" *xJ Vet Intern Med.* 2011 Nov-Dec;25(6):1195-208.

Aurélien Grellet, Alexandre Feugier, Sylvie Chastant-Maillard, Bruno Carrez, Corine Boucraut-Baralon, Gregory Casseleux, Dominique Grandjean, "[Validation of a fecal scoring scale in puppies during the weaning period,](#)" *Preventive Veterinary Medicine*, Volume 106, Issues 3–4, 1 October 2012.