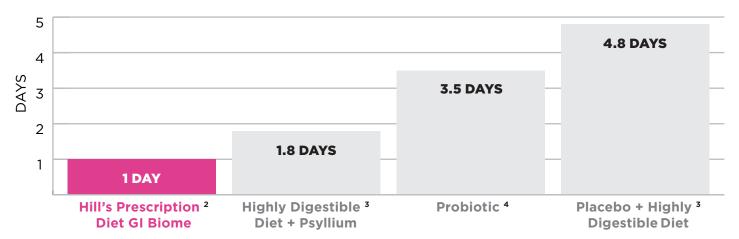
CANINE DIARRHEA



Battle of the 'Biotics

"The current data point toward a very limited and possibly clinically unimportant effect of probiotics for prevention or treatment of acute gastrointestinal disease" 1

AVERAGE DAYS TO FORMED STOOL





Hill's Prescription Diet GI Biome

In addition to rapid improvement in stool quality, pet owners also reported improvement in other clinical signs such as nausea and vomiting and reported an overall significant improvement (P < 0.05) in quality of life. ²



Psyllium

A single source of fiber supplementation may not yield the same clinical benefits as diets with a varied mix of prebiotic fiber sources. ⁶



Probiotics

It is difficult to achieve consensus on the "optimal dose" of probiotics to produce a positive clinical effect in veterinary patients. ¹

One study evaluating 25 commercially available products documented poor quality control of probiotics for the veterinary market. ⁵

SOURCES

- 1. Jensen AP, Bjørnvad CR. Clinical effect of probiotics in prevention or treatment of gastrointestinal disease in dogs: A systematic review. J Vet Intern Med. 2019;33:1849–1864. https://doi.org/10.1111/jvim.15554
- 2. Fritsch, D.A., Wernimont, S.M., Jackson, M.I. et al. A prospective multicenter study of the efficacy of a fiber-supplemented dietary intervention in dogs with chronic large bowel diarrhea. BMC Vet Res 18, 244 (2022). https://doi.org/10.1186/s12917-022-03302-8
- Rudinsky, Adam J., et al. "Randomized Controlled Trial Demonstrates Nutritional Management Is Superior to Metronidazole for Treatment of Acute Colitis in Dogs." Journal of the American Veterinary Medical Association 260.S3 (2022): 349-357. https://doi.org/10.2460/javma.22.08.0349
- 4. Shmalberg J, Montalbano C, Morelli G and Buckley GJ (2019) A Randomized Double Blinded Placebo-Controlled Clinical Trial of a Probiotic or Metronidazole for Acute Canine Diarrhea. Front. Vet. Sci. 6:163. doi: 10.3389/fvets.2019.00163
- 5. Weese J, Martin H. Assessment of commercial probiotic bacterial contents and label accuracy. Can Vet J. 2011;52:43-46.
- 6. Moreno AA, Parker VJ, Winston JA, et al. Dietary fiber aids in the management of canine and feline gastrointestinal disease. J. Am. Vet. Med. Assoc. 2022:1-13.