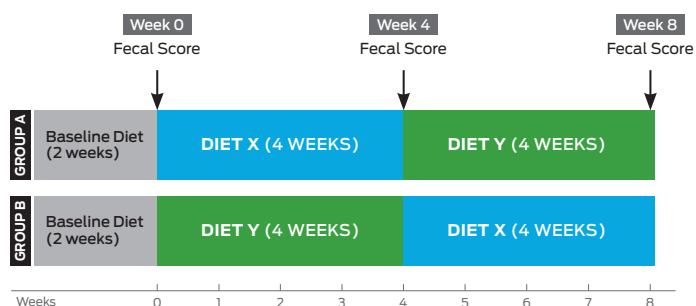


Evaluation of canned therapeutic diets for the management of cats with naturally occurring chronic diarrhea

Authors: D. Laflamme, H. Xu, C. Cupp, W. Kerr, Z. Ramadan and G. Long
Journal: *Journal of Feline Medicine and Surgery* 2012; 14 (10): 669-677

Study Design








- 16 adult cats with a history of chronic diarrhea.
- Randomized, Controlled, Cross Over study.
- All diets were canned products.
- During the baseline phase, all cats were fed the same complete and balanced maintenance diet. Cats were then assigned to one of two groups and fed either diet X (Hills® Prescription Diet i/d Feline Gastrointestinal Health®) or diet Y (PPPVD EN Gastroenteric® Feline Formula) for four weeks and then switched to the alternate diet for an additional four weeks. Fecal scores were recorded during the last week on each diet.



RESULTS

Both therapeutic diets resulted in a significant improvement in average Fecal Score. Diet Y also resulted in significantly better results compared with diet X. Normal stools (average fecal score < 3) were achieved in 46.7% of cats fed diet Y versus 13.3% of cats fed diet X.*

* Diet X - Hills® Prescription Diet i/d Feline Gastrointestinal Health® Formula canned
Diet Y - PPPVD EN Gastroenteric® Feline Formula canned

SCORE	SPECIMEN EXAMPLE	CHARACTERISTICS
1		Very hard and dry Often requires individual pellets. Requires much effort to expel from body. Leaves no residue on ground when picked up.
2		Firm but not hard pellets Segmented in appearance Leaves no residue on ground when picked up.
3		Soft shaped moist cat fecal Little to no visible segmentation Leaves residue on ground, but none from when picked up.
4		Very moist and messy Little mess Leaves residue on ground and some from when picked up.
5		Very moist but has a distinct shape Present in piles or spots Leaves residue on ground and some from when picked up.
6		Wet masses but no defined shape Present as piles or spots Leaves residue on ground when picked up.
7		Watery No residue Present in the puddles.

Author's Conclusion

Chronic diarrhea in cats can be nutritionally managed with canned food formulated to contain **high protein, low carbohydrate, moderate fibre** (containing both soluble and insoluble fibre), and a source of long chain omega 3 fatty acids.

For more information, visit www.ProPlanVeterinaryDiets.ca or call us at 1-866-884-VETS (8387).

Have a Case consult? We are here to help. Contact our Canadian Veterinary Nutrition Team at canadavetconsult@purina.nestle.com.