

Epakitin[®]

Chitosan-based intestinal phosphate binder decreases phosphatemia associated with CKD



Innovative Treatments For Chronic Kidney Disease

Chronic kidney disease (CKD) affects, on average, 10.8% of cats and 5.2% of dogs brought in for consultation¹ and is a leading cause of death.² While there is no cure, it is possible to slow down the auto-destructive cycle of CKD and increase life expectancy by limiting the increase of phosphatemia. Studies show that this can be accomplished through use of a low phosphorous diet and/or by adding a phosphate binder to the diet.³

Results of dietary trials indicate the addition of an intestinal phosphate binder not only lowers serum phosphorous and parathyroid hormone levels in cats with impaired renal function, but also creates persistent effectiveness which was observable at a six month and nine month interval in the trials.⁵

Epakitin Results Proven Clinically

Epakitin is a chitosan-based nutritional supplement which operates in the intestines. In clinical trials at the University of Vienna⁴ and the University of Georgia^{4,5}, the chitosan in Epakitin has been proven effective as a phosphate binder:

- Decreasing phosphatemia
- Reducing urea
- Reducing creatinine
- Reducing calcium absorption
- Increasing life expectancy
- Without affecting food consumption

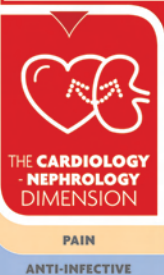
Reduced Calcium Absorption

Use of chitosan-based phosphate binders actually caused an observable decrease in serum calcium carbonate among animals in dietary studies, instead of the increases which had been hypothesized.^{4,5}

Dosing and Treatment

Epakitin should be recommended at the first signs of hyper-phosphatemia in cases of CKD. For best results, it is suggested to use Epakitin in combination with a low phosphorous diet. However, Epakitin's highly palatable formulation can be used with their regular food in animals that refuse to change their diet.

Epakitin should be administered at the rate of 1 scoop (provided) of Epakitin per 10 lbs (5 kg) of body weight, twice daily, with food. The measuring spoon supplied within delivers 1g of Epakitin. Fresh water should always be available for the animal.




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Vétoquinol
a Sign of Passion

Weight	Dosage	Product Size	Period Covered	
3 to 5 kg (6 - 11 lbs)	Morning & Night	50g	3 to 4 weeks	
3 to 5 kg (6 - 11 lbs)	Morning & Night	150g	2 months	
10 to 15 kg (22 - 33 lbs)	Morning & Night	150g	1 month	
20 to 30 kg (44 - 66 lbs)	Morning & Night	300g	2 weeks	

Epakitin

A powerful tool for advanced renal support

- Demonstrated clinical efficacy
- Safe to use
- Highly palatable
- Compatible with other therapies
- Easy and convenient to administer for improved compliance



Sources

- 1 North American Veterinary Research Group (NAVRG). The management of chronic kidney disease in dogs and cats. Survey conducted among 109 Veterinarians in the USA, 2005.
- 2 Morris Animal Foundation, 1997 Animal Health Study. Denver, CO.
- 3 Survival of cats with naturally occurring chronic renal failure: effect of dietary management. J. Elliott, J.M. Rawlings, P.J. Markwell, P.J. Barber, JSAP (2000), 41, 235-242.
- 4 Effects of a dietary chitosan and calcium supplement on Ca and Premetabolism in cats. E. Wagner, I. Schwendenwein, J. Zentek, Beri Munch. Tierarzta, Wschr. (2004) 117, 310-315.
- 5 Effects of an intestinal phosphorous binder on serum phosphorous and parathyroid hormone concentration in cats with reduced renal function. S.A. Brown, M. Rickertsen, S. Sheldon, The Journal of Applied Research in Veterinary Medicine. (2008) 6:3, 155-160.