

**Keep Old Tigers  
Going Strong!**



**Bayer HealthCare**  
Animal Health

**Renalzin**<sup>®</sup>

## **Chronic kidney disease is common but insidious**

Chronic renal disease (CRD), or chronic kidney disease, is very common in older cats. It is estimated that 10% of all cats older than seven are affected, and at least one-third of all cats over 13 years old suffer from kidney insufficiency.

One of the main challenges with CRD is that usually it develops over a long period of time without obvious symptoms. Cat owners may begin to notice subtle changes in their pets such as a slight loss of appetite, sleeping more and being less active, or spending more time at the water bowl. If the disease has been progressing for some time, a cat suddenly may become very ill and require immediate veterinary care. It is important to understand that clinical symptoms only become noticeable at a late stage – when over 75-80% of kidney function has been lost.

In light of these facts, early checks for chronic kidney disease in middle-aged and geriatric cats are advised. Veterinarians may be able to identify decreases in kidney function before clinical symptoms are visible by performing tests on urine and blood samples. Yearly physical exams and diagnostic screening for senior cats are highly recommended.

The kidneys filter and cleanse the blood. When a cat's kidneys are not functioning properly, phosphorus is retained in the body, which has further harmful effects on the kidneys and other organs. Therefore, an important goal in the treatment of chronic kidney disease is the reduction of phosphorus.

Because cats are carnivores, their dietary requirements are different than those of humans and even dogs and their intake of protein naturally needs to be quite high.



This negatively impacts kidney function during chronic kidney disease because protein always contains phosphorus.

Special kidney diets have been specifically formulated for renal-compromised cats. These diets are low in phosphorus and protein to ease the burden on the kidneys. But because cats are generally selective – and can even be quite picky – regarding their food, they will not always eat prescription diets.

## **A new potent option: Renalzin®**

Renalzin® is a dietary additive specifically developed by Bayer for cats with chronic kidney disease. Renalzin® contains a number of well-chosen components that ideally support the kidney function of the diseased cat.

The main ingredient, Lantharenol® from Bayer, is a compound derived from the latest research on kidney failure in humans. Now it's available for cats, too. Lantharenol® binds to dietary phosphorus in the cat's intestine and inhibits phosphorus absorption. After Lantharenol® and phosphorus bind they are excreted with the feces.

Lantharenol® reduces the burden of increased phosphorus and helps protect the kidneys.

Renalzin® also contains kaolin, a well-known toxin binder, and vitamin E, which acts as a powerful antioxidant.

## **How you administer Renalzin®**

Renalzin® is very easy to administer and can be dispensed directly on the food or mixed into it. Only two pumps (2 milliliters) per day are necessary. Renalzin® may be used with dry or wet cat food. And it can be given once or split into two doses a day, depending on your cat's normal feeding regimen. Renalzin®'s ingredients do not change the flavor of the food so you can even give it to picky cats.

You may give your cat Renalzin® in addition to a prescription kidney diet, which may be particularly helpful in the late stages of CRD.

Renalzin® may be an alternative if your cat will not eat a kidney diet because it does not change the taste of its preferred food.

Renalzin® is not absorbed and is very well tolerated.



Renalzin® can be dispensed directly on the food

Renalzin® comes in a convenient applicator that makes daily dosing simple.

Renalzin® is the best available kidney protection for your cat with CRD and can be given in addition to kidney diets or with a normal diet when cats will not accept a change in food. Renalzin® is convenient and easy to use.

**Chronic kidney disease is a long term condition and requires a lifelong treatment.**



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