

# Azodyl<sup>®</sup>

Enteric Dialysis<sup>®</sup> reduces azotemia associated with CKD



## Inovative Treatments For Chronic Kidney Disease

Chronic kidney disease (CKD) affects, on average, 10.8% of cats and 5.2% of dogs brought in for consultation<sup>1</sup> and is a leading cause of death.<sup>2</sup> The auto-destructive cycle of CKD begins when nephrons decline leading to azotemia, an increased concentration of non-protein nitrogenous compounds – usually urea and creatinine – resulting from the kidneys' impaired ability to filter and eliminate waste.

While there is no cure, it is possible to slow the progression of the condition with Azodyl, a patented formulation of beneficial bacteria (Kibow Biotics<sup>®</sup>) that metabolize and flush out uremic toxins, reducing azotemia.

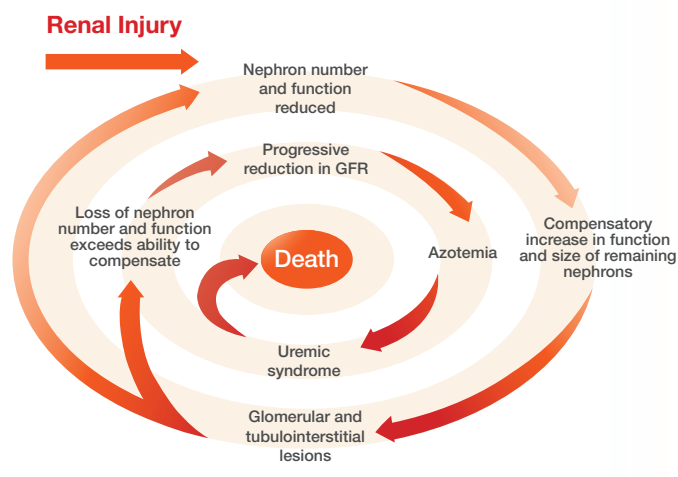
## Enteric Dialysis

### Azodyl's unique mode of action

In normal, healthy subjects, small quantities of uremic solutes flow into the large intestine by simple passive diffusion.

In renal failure, the kidneys' ability to filter and eliminate waste matter is impaired, leading to a buildup of uremic solutes in the blood (azotemia) and a corresponding elevation of these toxins in the bowel.

Azodyl's beneficial bacteria target and metabolize the uremic toxins in the bowel, maintaining the concentration gradient and continuing the process, effectively lowering uremic solutes in the blood.



*Image Courtesy of Churchill et al University of Minnesota*



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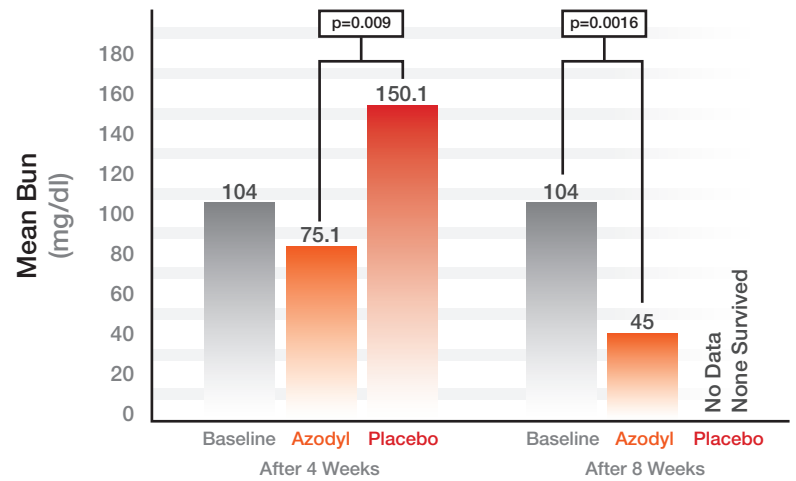
**Vétoquinol**  
*a Sign of Passion*

## Demonstrated Clinical Efficacy<sup>3</sup>

Studies show that Azodyl administered orally on a daily basis has the potential to decrease BUN levels and prolong survival in renal insufficiency.

## Dosing and Treatment

Ideally suited for use in IRIS stages II to IV, Azodyl comes in easy-to-administer, enteric-coated capsules.



Weight	Morning	Evening	
Less than 5 lbs	1	0	
5-10 lbs	1	1	
More than 10 lbs	2	1	

Note: Capsules should be given whole and not opened or crushed. Refrigerate for best results.

# Azodyl

## A powerful tool for advanced renal support

- Demonstrated clinical efficacy
- Safe to use
- 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 Ranganathan N, et al. Probiotics reduce azotemia in Gottingen minipigs. Poster presentation at the 3rd World Congress of Nephrology, June 26-30, 2005, Singapore.