

Understanding your pet's kidney condition

Chronic Kidney Disease (CKD) facts

- 1 in 3 cats¹ and 1 in 10 dogs² will be diagnosed with CKD.
- Although CKD is a **progressive** kidney disease, it can be managed
- New evidence^{3,4} supports a link between microbiome health and Chronic Kidney Disease (CKD), even in early stages
- **Signs of CKD:** loss of weight, appetite & energy, bad breath, urinating and drinking more
- **SDMA*** is a revolutionary test to help diagnose CKD months or years earlier

¹Lulich JP, *et al*. Feline renal failure: questions, answers, questions. *Compend Contin Educ Pract Vet*. 1992;14(2):127-153.

²Brown SA. Renal dysfunction in small animals. The Merck Veterinary Manual website. 2013 [https://www.msdvetmanual.com/urinary-system/noninfectious-diseases-of-the-urinary-system-in-small-animals/renal-dysfunction-in-small-animals]

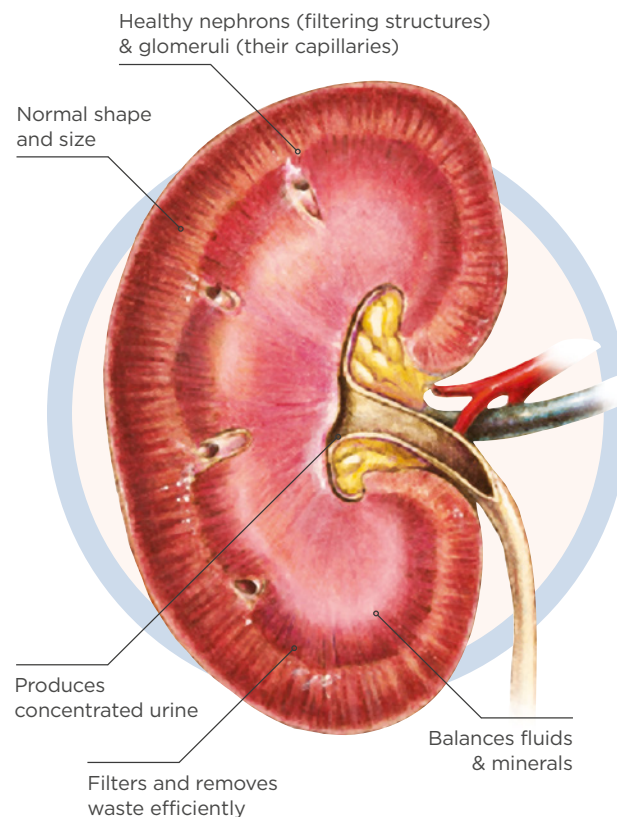
³Ephraim E and Jewell DE. Effect of added dietary betaine and soluble fiber on metabolites and fecal microbiome in dogs with early renal disease. *Metabolites* 2020;10:0370. [https://doi.org/10.3390/metabo10090370]

⁴Hall JA, *et al*. Feeding cats with chronic kidney disease food supplemented with betaine and prebiotics increases total body mass and reduces uremic toxins. *PLoS ONE* 2022;17(5):e0268624. [https://doi.org/10.1371/journal.pone.0268624]

*IDEXX Diagnostic. IDEXX.com/SDMA

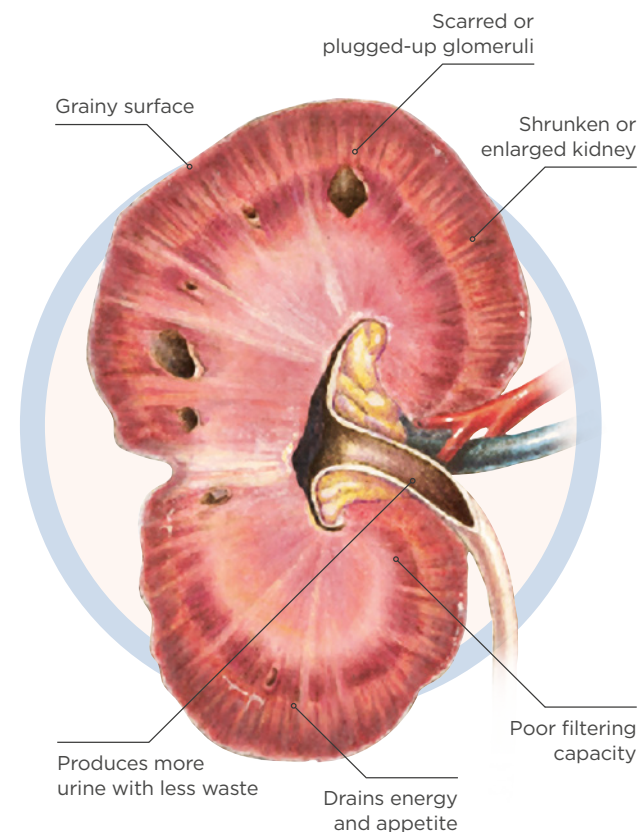
Healthy kidney

100% kidney function



Unhealthy kidney

40% kidney function



Early detection and the right nutrition can support your pet's quality of life.

How Hill's Prescription Diet kidney care foods work

Clinically proven nutrition to improve and lengthen quality of life.
Now with **ActivBiome+ Kidney Defense** prebiotic blend to help reduce waste products that can harm the kidneys.

According to the IRIS protocol

How it helps:



Helps protect vital kidney function



Helps manage the changes in the gut microbiome caused by impaired kidney function



Supports natural ability to build and maintain muscle mass

How it works:



Controlled phosphorus & low sodium, enriched with omega-3s from fish oil



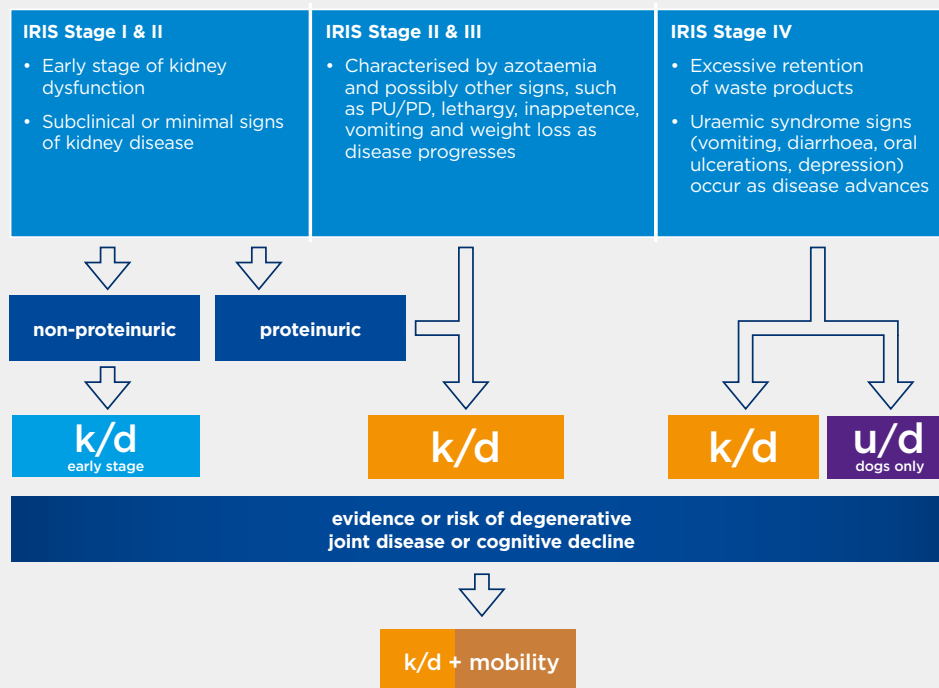
ActivBiome+ Kidney Defense nourishes the gut microbiome to support kidney health



With optimised levels of essential amino acids and high quality protein to help keep them strong



With Enhanced Appetite Trigger technology, clinically proven to stimulate appetite and encourage food intake. Dry foods only



Hill's Prescription Diet k/d Early Stage

Clinically proven nutrition designed to support early kidney care & to improve and lengthen quality of life



Hill's Prescription Diet k/d

Clinically proven nutrition to improve and lengthen quality of life



Hill's Prescription Diet k/d + Mobility

Clinically proven nutrition to support mobility & quality of life in your pet

