

Managing Patients with Kidney Disease

FELINE Kidney Disease

Stage I Kidney Disease

- Early stage of kidney dysfunction when two-thirds of functional nephrons have been lost
- No signs of kidney disease apart from polyuria and polydipsia (PU/UD and proteinuria)

Feed **Prescription Diet® g/d® Feline pet food** or **Prescription Diet® k/d® Feline pet food**



Stage II or III Kidney Disease

- More than 75% of functional nephrons have been lost
- Characterized by azotemia and other signs such as PU/UD, lethargy, inappetence, vomiting and weight loss as disease progresses

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Stage IV Kidney Disease

- More than 90% of nephrons have been lost
- Excessive retention of protein waste products
- Uremic syndrome signs (vomiting, diarrhea, oral ulcerations, depression) occur as disease advances

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The four stages of kidney disease

Diagnosing kidney disease using the IRIS (International Renal Interest Society) Chronic Kidney Disease (CKD) Staging System

KIDNEY FUNCTION REMAINING				
Stage I: $\leq 100\%$	Stage II: $\leq 33\%$	Stage III: $\leq 25\%$	Stage IV: $< 10\%$	
AZOTEMIA				
None	Mild renal	Moderate renal	Severe renal	
PLASMA CREATININE (mg/dl) [†]				
< 1.4	$1.4-2.0$	$2.1-5.0$	≥ 5.0	
< 1.6	$1.6-2.8$	$2.9-5.0$	≥ 5.0	
EFFECTS				
Hyperphosphatemia unlikely Hypertension possible Proteinuria possible	Hyperphosphatemia possible Hypertension possible Proteinuria possible	Hyperphosphatemia probable Hypertension possible Proteinuria possible	Hyperphosphatemia probable Hypertension possible Proteinuria possible	

[†] Levels apply to average size dogs and cats
Measured when patient is well-hydrated

For more information visit iris-kidney.com



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