

## VETMED RESOURCE **HOT TOPIC:**

# Chronic kidney disease in cats

Chronic kidney disease (CKD) is a common disease in cats, and its prevalence increases with age. CKD is progressive and irreversible and diagnosis often occurs relatively late in the course of the disease. Treatment and monitoring can alleviate clinical signs and slow progression of the disease, but prognosis depends on the severity of the disease at the time of diagnosis. Research aims to improve the diagnosis and management of CKD to benefit the health and welfare of cats with the disease.

**VetMed Resource** contains a wealth of information on feline CKD including studies of the causes, risk factors and prevalence of the disease and developments in diagnosis, monitoring and management.

### VetMed Resource comprehensively covers hot topics that matter

VetMed Resource sources the world literature to provide the complete picture on CKD in cats, including information on:

- **Diagnosis:** Diagnosing CKD earlier would allow more opportunities to intervene and alter the course of the disease.  
*Predicting early risk of chronic kidney disease in cats using routine clinical laboratory tests and machine learning.*  
*Journal of Veterinary Internal Medicine, 2019*  
*Pilot study to evaluate the potential use of the renal resistive index as a preliminary diagnostic tool for chronic kidney disease in cats.*  
*Journal of Feline Medicine and Surgery, 2018*
- **Disease progression and prognosis:** Identifying prognostic indicators will enable more reliable prediction of survival.  
*Urinary heat shock protein-72: a novel marker of acute kidney injury and chronic kidney disease in cats.*  
*Veterinary Journal, 2019*  
*Prognostic importance of plasma total magnesium in a cohort of cats with azotemic chronic kidney disease.*  
*Journal of Veterinary Internal Medicine, 2018*
- **Therapy:** Management of CKD is largely focused on supportive and symptomatic therapy with the aim of improving quality of life. Renal diets are the mainstay of therapy for CKD.  
*A long term feed supplementation based on phosphate binders in feline chronic kidney disease.*  
*Veterinary Research Communications, 2018*  
*Critical approach to the alternative treatment of chronic kidney disease in dogs and cats.*  
*Slovenian Veterinary Research, 2018*
- **Hypertension:** CKD is a common cause of systemic hypertension in cats. Improved blood pressure monitoring could aid reduction in comorbidity associated with hypertension.  
*Relationship between indirect blood pressure and various stages of chronic kidney disease in cats.*  
*Journal of Veterinary Medical Science, 2018*  
*Chronic kidney disease in cats attending primary care practice in the UK: a VetCompass™ study.*  
*Veterinary Record, 2019*

# Introducing CABI's VetMed Resource

Support your practice and professional development with the best evidence-based veterinary information available.

**VetMed Resource** is the most comprehensive tool for veterinarians available. With its specific veterinary focus and access to over 2.3 million relevant records from the acclaimed CAB Abstracts database, **VetMed Resource** is the tool of choice when it comes to keeping up-to-date in your practice.

The screenshot shows the CABI VetMed Resource website. At the top, there is a navigation bar with links for 'Other CABI sites', 'Home', 'About', 'Bookshop', 'Help', 'Contact', 'Mobile', and 'Account'. Below this is the CABI logo and the 'VetMed Resource' title, with the tagline 'Veterinary information to support practice, based on evidence and continuing education'. A horizontal menu lists various animal categories: Ruminants, Pigs, Poultry, Equine, Fish & Aquaculture, Companion Animals, Exotics, Zoo & Wild Animals, and Animal Welfare & Behaviour. A search bar is prominently displayed with the text 'Search VetMed Resource' and 'Smart searches'. Below the search bar, it states 'Access to over 2.2 million abstracts, over 145,000 full text documents, and news articles, book chapters and disease datasheets'. There is a search input field with the placeholder 'Enter keyword or phrase', a 'Search within topic' dropdown, a 'Filter by type' dropdown, and a 'Search' button. A link for 'Advanced Bibliographic Search' is also present. Below the search bar, there is a sign-up prompt: 'Sign up to receive our Veterinary & Animal Sciences e-newsletter, book alerts and offers direct to your inbox.' The main content area features a video player with three video thumbnails: 'Hereditary lung disease' (Gene defect found in Airedale Terriers), 'Degenerative joint disease', and 'German Shepherd genome mapped'. To the right of the video player is a 'My CABI Account' section with options: 'Create and export short lists' (checked), 'Save Content' (Articles, books, reviews and more...), and 'Save Searches' (Monitor the latest content). Below this is a 'Getting Started - Video' section with a video player showing the CABI logo and 'VetMed Resour...'. The background of the website is a blurred image of a person's hands holding a pen over a document.



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