

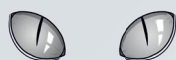
Feline hypertension is common, with an estimated incidence risk of

1 IN 5 CATS
from 9 years¹



If left unchecked and untreated, feline hypertension can have

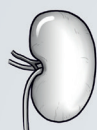
SEVERE CONSEQUENCES = 'TARGET ORGAN DAMAGE' (TOD)



LOSS OF VISION/ OCULAR DAMAGE:

- The frequency of ocular lesions has been reported to be as high as **100% in cats with hypertension²**

"Ocular lesions not associated with an impaired menace response or pupillary light deficits are more amenable to antihypertensive treatment, hence early diagnosis is key³" ISFM



CHRONIC KIDNEY DISEASE (CKD):

- CKD is the most common condition associated with hypertension³
- Azotaemia has been found in up to **74% of hypertensive cats³**
- There is little information currently available to determine whether the presence of hypertension initiates renal damage or whether systemic hypertension develops as a consequence of reduced renal function⁴



BRAIN DAMAGE

- Neurological signs are seen in **15-46% of hypertensive cats³**
- Signs include disorientation, seizures, ataxia, depression and vestibular signs³



HEART DAMAGE

- Left ventricular hypertrophy (LVH) is seen in up to **53% of feline hypertension cases⁵**

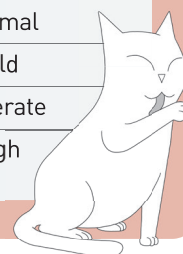
"Hypertension can cause devastating consequences so, where possible, should be identified at the earliest possible opportunity."



Sarah Caney BVSc PhD DSAM (Feline) MRCVS, RCVS Specialist in Feline Medicine, CEO of Vet Professionals.

Use the ACVIM Consensus blood pressure categories to assess risk of TOD²

Category	Systolic blood pressure (SBP)	Risk of target organ damage (TOD)
Normotensive	<140mmHg	Minimal
Pre-Hypertensive	140-159 mmHg	Mild
Hypertensive	160-179 mmHg	Moderate
Severely Hypertensive	≥180 mmHg	High



References:

1. Conroy et al. Survival after diagnosis of hypertension in cats attending primary care practice in the UK. *JVIM*. 2018 32(6): 1846-1855. 2. Acierno M, et al. ACVIM consensus statement: Guidelines for the identification, evaluation, and management of systemic hypertension in dogs and cats. *J Vet Intern Med*. 2018 Nov-Dec; 32(6): 1803-1822. 3. Taylor S, et al. ISFM Consensus Guidelines on the Diagnosis and Management of Hypertension in Cats. *Journal of Feline Medicine and Surgery* (2017) 19, 288-303. 4. Bijsmans E, et al. Changes in Systolic Blood Pressure over Time in Healthy Cats and Cats with Chronic Kidney Disease. *J Vet Intern Med*. 2015 May-Jun; 29(3): 855-861. 5. Chetboul V, et al. Spontaneous Feline Hypertension: Clinical and Echocardiographic Abnormalities, and Survival Rate. *J Vet Intern Med* 2003;17:89-95.