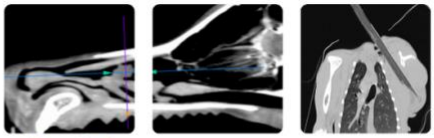

PATIENT

Tux Sanchez Mendoza

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

4 Years 5 Months

WEIGHT

8.7 Pounds

INTERPRETED BY

Heike Rudorf, DVM, Dr. med. Vet., DipECVDI DVR

IMAGING PERFORMED BY

Jennifer & Jessica

HOSPITAL NAME

Northvale VC

REFERRING VET

Dr. Stefanie Simon

INVOICE

36801

DATE

4/24/26

PRESENTING CLINICAL SIGNS

History: Diagnosis made of Hypertrophic obstructive cardiomyopathy with significant LV remodeling and left atrial enlargement on 4/8/26 by Sonopath. Started on Plavix 18.75 mg SID. No symptoms.

Abnormal PE/Chem/CBC/UA Results: Abnormal auscultation of heart. CBC/Chem/T4 WNL. BP=107/79; MAP 93 mmHg.

RADIOGRAPHIC STUDY OF THE THORAX

The body condition score is 5/9 with little s.c. fat.

The bony structures appear physiological.

The cranial mediastinum is of physiologic size and opacity. Trachea and carina are elevated; the trachea parallels the thoracic vertebrae

The lung lobes extend to the thoracic boundaries. Pulmonary vessels are outlined to the secondary branches. In right lateral recumbency the pulmonary vein for the cranial lobe is slightly larger than the artery. In left lateral recumbency both are prominent.

The cardiac silhouette occupies 90% of the chest height and 3 intercostal spaces. The sternal contact is increased, the caudal heart border straight and the left atrium is markedly enlarged. The tip of the cardiac silhouette is located slightly to the right of the midline.

RADIOGRAPHIC DIAGNOSIS

- Cardiomegaly, especially left sided
- Overperfusion, mild
- Interstitial pattern

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cardiac changes are compatible with the ultrasound diagnosis of HCM. The blurred vascular outline with vascular enlargement suggests interstitial edema. However, the list of differential diagnoses for an interstitial pattern also includes:

- Infection (bacterial, fungal viral, parasitic e.g., aelurostrongylus)
- Inflammation (allergic pneumonitis, eosinophilic bronchopneumopathy,
- Diffuse hemorrhage
- Tumor (e.g., lymphoma)

Should diuretic treatment not relieve any existing pulmonary signs, faecal samples should be obtained to rule out parasites.

TECHNICAL COMMENTS

The tip of a human digits is present in the primary beam in right lateral recumbency

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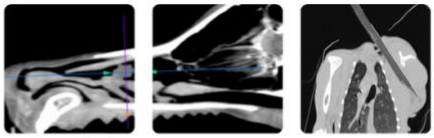

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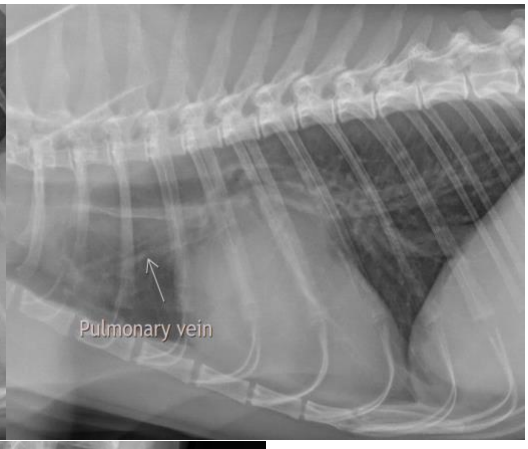

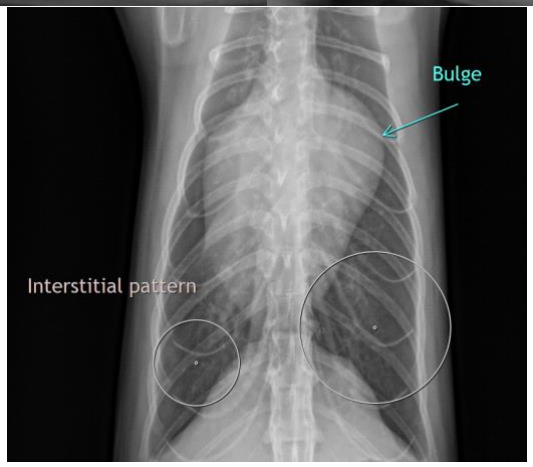

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

Heike Rudorf, DVM, Dr. med. vet., DipECVDI, DVR
info@sonopath.com