



**PATIENT PRESENTING CLINICAL SIGNS**

Pharoh MacKinnon History: Coughing? Occasional vomiting. Increased respiratory effort. Increased heart size?

**RADIOGRAPHIC STUDY OF THE THORAX**

**SPECIES**

Feline The body condition score is 6/9 with smooth alternating layers of fat and soft tissue opacity.

Feline

The bony structures appear physiological.

**BREED**

Rex The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are blurred, and the bronchi highlighted. Size of the pulmonary vessels appears to be physiological. The opacity in the perihilar region is especially pronounced.

Rex

**SEX**

The cranial mediastinum is of physiological size and opacity. The trachea runs parallel to the thoracic vertebrae and dips slightly at the carina.

Neutered Male

The cardiac silhouette shows bi-atrial enlargement which results in a "Valentine" shape on the DV view. On the lateral view an increased sternal contact is accompanied by an increase in cranio-caudal width of the cardiac silhouette (3 intercostal spaces).

**AGE**

1 Year

**RADIOGRAPHIC DIAGNOSIS**

- HCM
- Pulmonary edema

**INTERPRETED BY**

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

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The cardiac shape is consistent with hypertrophic cardiomyopathy (HCM). HCM has been diagnosed in cats as young as 4 months old and as old as 16 years old. Echocardiography is recommended to assess wall thickness and size of all four cardiac chambers as well as the contractility. Unfortunately, the heart rate is often so high that a meaningful opening of the ventricles is not present for a good M-mode. The interstitial components is compatible with edema.

**HOSPITAL NAME**

Sunridge VC

**REFERRING VET**

Dr. Duncan

**INVOICE**

14952

**DATE**

4/29/22



**PATIENT**

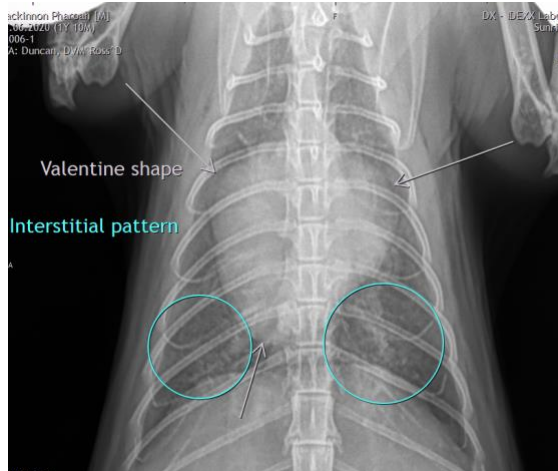
Pharoh MacKinnon

**SPECIES**

Feline

**BREED**

Rex



**SEX**

Neutered Male

**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.**

**AGE**

1 Year

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  
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