



PATIENT

Simba Becht

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

10

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Basking Ridge Animal
Hospital

REFERRING VET

Rotella

INVOICE

53548

DATE

8-16-22

PRESENTING CLINICAL SIGNS

Owner noticed decreased appetite and labored breathing at home when came back from vacation. no previous medical history. no heart murmur ausculted. Xray consult--Severe cardiomegaly with a diffuse unstructured interstitial pulmonary pattern pending echo started on clavamox and lasix

Abnormal PE/Chem/CBC/UA Results: Labored breathing Bloodwork WNL

RADIOGRAPHIC STUDY OF THE THORAX

Right/left lateral and dorsoventral views of the thorax totaling 3 images available for review in jpeg format.

Only jpg images were submitted. The transformation from DICOM to jpg only allows for limited manipulation of the image. For the best possible results, we suggest submitting DICOM images in the future. Please do not hesitate to contact us should you need any help with the submission process.

RADIOGRAPHIC FINDINGS

The ribcage is expanded, and barrel shaped instead of the typical funnel shape in cats.

Deep pulmonary inflation is noted. There is a vascular lung pattern with mild perihilar and caudoventral increase in interstitial pulmonary opacity.

Severe cardiomegaly is noted with significant basico-apical enlargement of the heart and the cardiac silhouette occupying 3.5 intercostal spaces on the lateral views. Left atrial enlargement is noted on the orthogonal view. The vertebral heart score cannot be measured owing to the image format. Note the elevation of the trachea.

The mediastinum, pleural space, and thoracic boundaries present within normal limits.

RADIOGRAPHIC DIAGNOSIS

- Severe cardiomegaly with left sided accentuation and severe left atrial enlargement.
- Vascular lung pattern and regional interstitial lung pattern consistent with emerging cardiogenic pulmonary edema and left sided congestive heart failure.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals severe cardiomegaly with left sided congestive heart failure. Cardiomyopathy with decompensation and cardiogenic pulmonary edema is considered the most likely underlying cause of the pertinent radiographic changes. Other cardiac pathology is a potential but less common and considered less likely. The changes are not typical for pericardial effusion. Coexisting bronchopulmonary disease cannot be ruled out entirely, however, it is considered very likely that the radiographic changes of the pulmonary vasculature and interstitium are linked to the cardiac disease.

A full cardiac echo is strongly recommended. The use of diuretics appears to be indicated.



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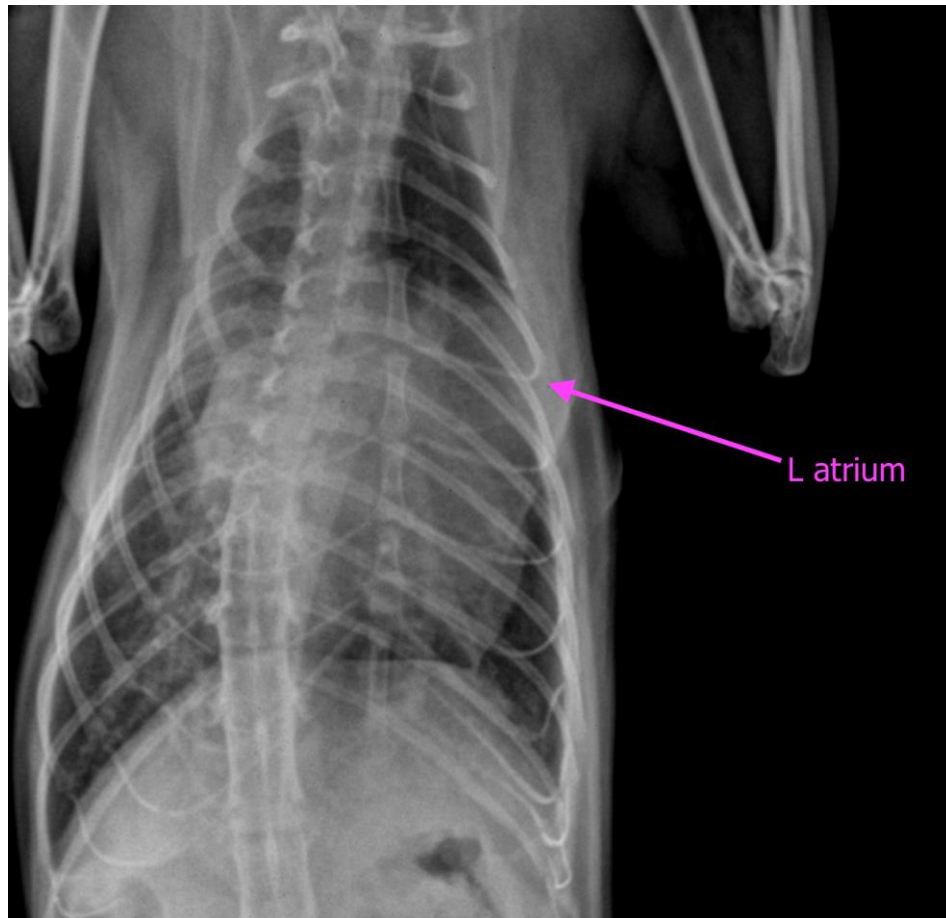
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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