



PATIENT PRESENTING CLINICAL SIGNS

Marvin Boyer

*Requesting Dr. Nele Eley (would not let me select in the drop down menu) if at all possible, as he saw the radiographs from this patient before. Marvin was diagnosed by echo (May 2022) with left ventricular hyperplasia, mitral valve dysplasia, and suspected early onset HCM. Cough started in early September, and radiographs were taken at that time and sent to Sonopath - was diagnosed with pulmonary edema/CHF from radiographs taken Sept 10, 2022. He is currently on atenolol 6.25 mg PO BID as well as omega 3s. He started on furosemide after Sept 10th at 1 mg/kg and has been on that dose for about 3 weeks now. His resting respiratory rate is unchanged since starting furosemide at 24-42 bpm. He also is still having occasional coughing episodes, including one more severe episode of respiratory distress on Oct 2/22 (3 coughing fits). No open-mouth breathing. Has a follow-up echo booked with cardiologist on Oct 20/22. Our question today is if pulmonary edema is resolving or need furosemide increase?
 Abnormal PE/Chem/CBC/UA Results: Bloodwork done Sept 10th was unremarkable, and repeated bloodwork today (CBC, chem-17 and electrolytes, and SDMA/T4 were WNL today as well). No crackles/wheezes heard on auscultation today. Rest of PE findings unremarkable/unchanged from previous examination.

SPECIES

Feline

BREED

Siamese

SEX

MN

RADIOGRAPHIC STUDY OF THE THORAX

AGE

3 Years

Right/left lateral and ventrodorsal views totaling 3 images available for review. Compared to prior study dated 9-10-22.

RADIOGRAPHIC FINDINGS

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The lungs are deeply inflated. Wide lumbodiaphragmatic angles and an expanded ribcage are seen.

Subjective and objective enlargement of the cardiac silhouette are noted compared to the prior study. The vertebral heart score has increased from 9.8 to 10.3 with basico-apical enlargement of the cardiac silhouette and significant left atrial enlargement. The vascular lung pattern appears to be stationary as well comparing the prior and current studies.

HOSPITAL NAME

Woodridge
 Veterinary Clinic

There is a mild interstitial lung pattern accentuating the perihilar region of the right caudal lung lobe which is well seen on the orthogonal view as well as on the left lateral view and not apparent on the right lateral view.

REFERRING VET

Anique McCrea-
 Spence

Mild gastric aerophagia is noted.

RADIOGRAPHIC DIAGNOSIS

- Progressive left sided cardiomegaly with atrial enlargement and stationary vascular lung pattern and suspect incipient cardiogenic interstitial pulmonary edema.

INVOICE

54469

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings support progression of the cardiac disease with further radiographic enlargement of the cardiac silhouette, stationary vascular lung pattern, and an interstitial lung pattern in the right perihilar region supporting the potential of ongoing or emerging interstitial edema.

DATE

10-5-22



PATIENT

Marvin Boyer

Based on the radiographic progression of the disease, increasing the furosemide dose appears to be a prudent consideration especially when associated with progression of the clinical signs. However, the assessment of cardiac disease is unfortunately of limited reliability, especially in cats, and therefore this should only be considered a preliminary conclusion up until the cardiac echo.

SPECIES

Feline

BREED

Siamese

SEX

MN

AGE

3 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Woodridge
Veterinary Clinic

REFERRING VET

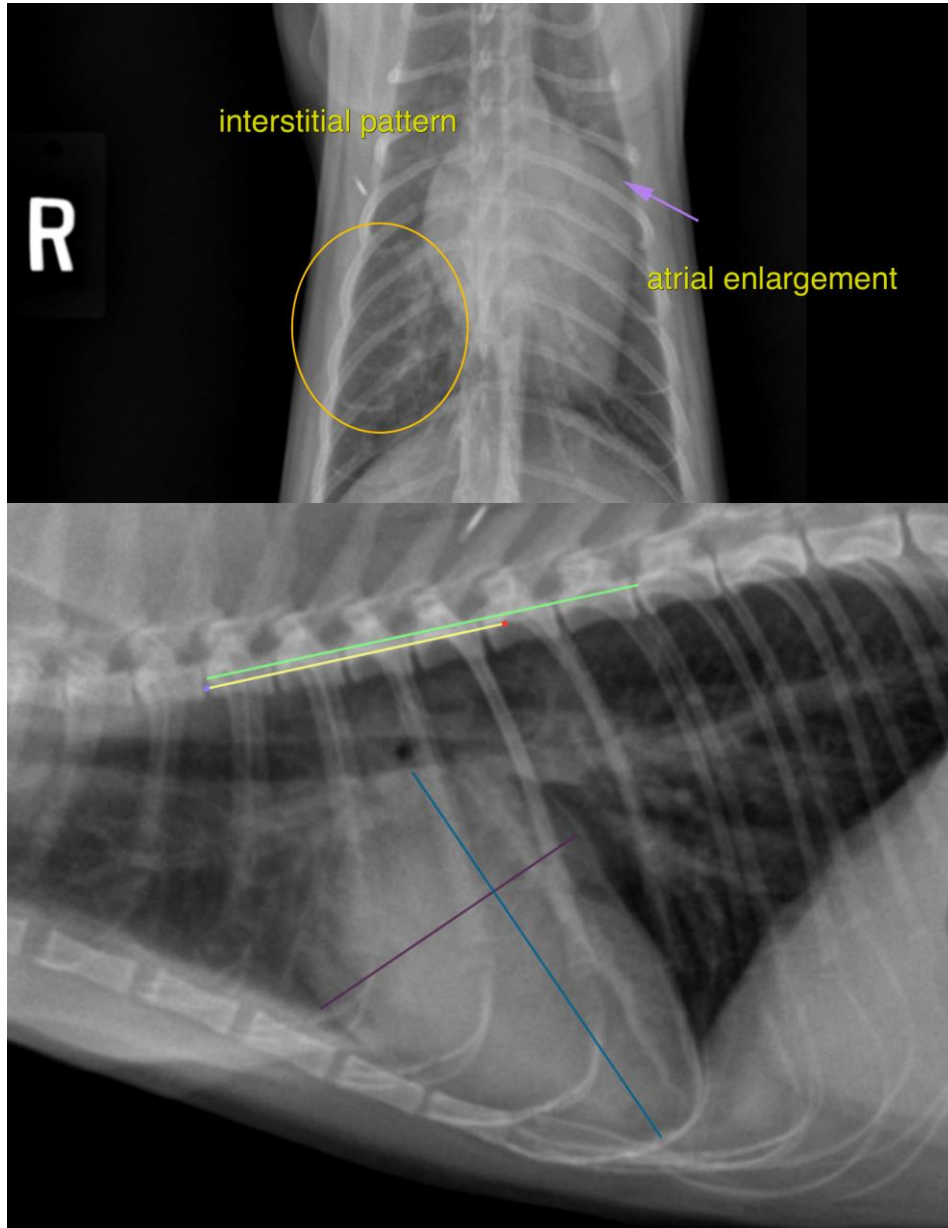
Anique McCrea-
Spence

INVOICE

54469

DATE

10-5-22





PATIENT

Marvin Boyer

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.

SPECIES

Feline

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

BREED

Siamese

SEX

MN

AGE

3 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Woodridge
Veterinary Clinic

REFERRING VET

Anique McCrea-
Spence

INVOICE

54469

DATE

10-5-22