



PATIENT

Luca Hothorn

PRESENTING CLINICAL SIGNS

2 weeks prior housemate (not same litter, but same parents) was euthanized for oral neoplasia, On P.E. newly diagnosed heart murmur detected grade IV/VI, no cough or exercise intolerance reported. Pelvic limb weakness, absent proprioceptive reflex, muscle wasting and weight loss reported.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX & LUMBAR SPINE

Right/left lateral and ventrodorsal views of the thorax and lateral view of the lumbar spine totaling 4 images available for review.

BREED

Golden Retriever

RADIOGRAPHIC FINDINGS

Thorax

SEX

Degenerative arthropathy of the facet joints is seen between T10 and T11.

MN

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE

Mild enlargement of the cardiac silhouette with a vertebral heart score of 11 is noted. There is mild left atrial tenting and there also appears to be prominence of the ascending aortic arch.

9 Years

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

HOSPITAL NAME

Paws and Claws Pet
Care

The lung parenchyma presents the expected architecture and opacity. The intrapulmonary vascular branching is seen up to the third order lung vessels.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

REFERRING VET

Dr. Juarez

Lumbar Spine

Number, alignment, and general anatomy of the lumbar vertebrae present within normal limits. There is no evidence of aggressive bone lesions, intervertebral disc space collapse, or traumatic osseous injury noted.

INVOICE

47453

RADIOGRAPHIC DIAGNOSIS

- Mild cardiomegaly.
- Mild degenerative spondyloarthropathy T10/11.
- Radiographically normal lumbar spine.

DATE

9-16-21



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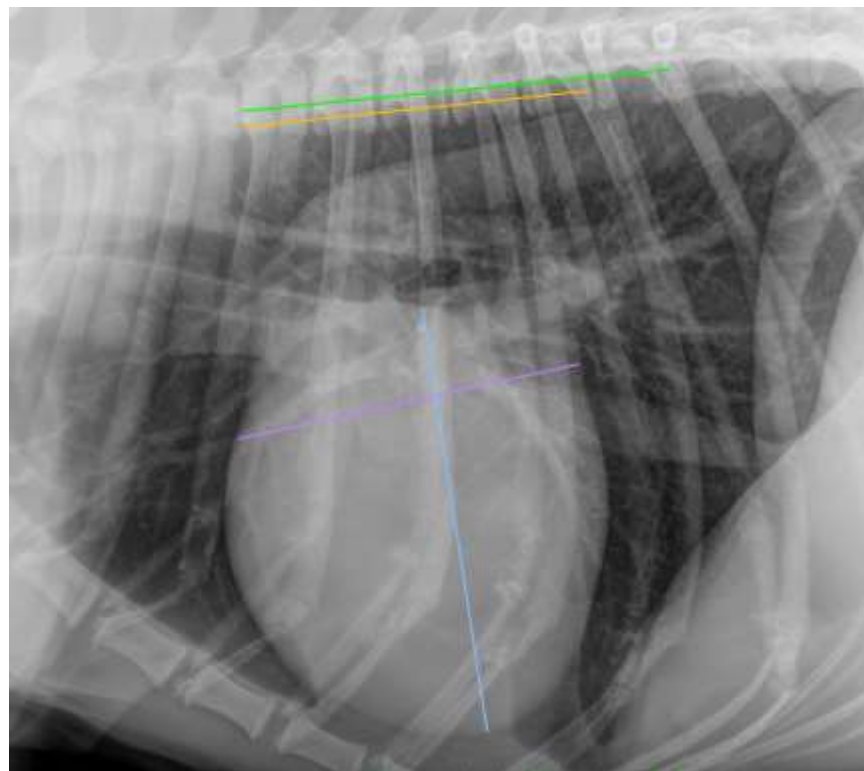
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mild left sided cardiomegaly was noted radiographically without evidence of congestive heart failure. The pulmonary vasculature presents nondistended and there is no evidence of cardiogenic pulmonary edema, yet radiographically occult disease is a potential. Synthesizing the mild radiographic changes with the clinical history and a full cardiac echo could be considered for further definition. Consider cross sectional imaging of the spine, ideally an MRI in this patient, in presence of potential neurologic deficits.



The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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