

PATIENT

Dakota Witlox

PRESENTING CLINICAL SIGNS

Hx of RFL lameness last 3 days
 Abnormal PE/Chem/CBC/UA Results: no signs of pain during palpation BW: CBC:
 Hemogram:elevated RBCs, HGB, HCT% r/o dehydration , Leukogram: mild monocytopenia ,
 Thrombogram:mild thrombocytopenia Chemistries:Kidney: WNL , Liver: elevated ALT, ALP,
 Cholesterol r/o liver disease , rest: hyperglycemia r/o stress vs DM vs others Lytes: WNL Heart
 looked enlarged so X-ray sent to evaluate Elbows and chest

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX & ELBOWS

BREED

Pomeranian

Oblique views of the thorax in right and left lateral position as well as mediolateral and craniocaudal views of the elbows totaling 4 images available for review.

RADIOGRAPHIC FINDINGS

SEX

Male Neuter

Elbows

Blurring of the cranial contour and decreased opacity of the medial coronoid process are seen in both elbows. There is subtrochlear notch sclerosis of the ulnar and a large amount of periarticular osteophytes. No overt incongruity is seen and there is no evidence of subchondral bone lesions in the medial humeral condyles.

AGE

10 Years

Enthesophytes are seen at the flexor and extensor origin accentuating the right elbow more so than the left elbow.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

Thorax

A series of spondyloses and vertebral end plate sclerosis are noted throughout the cervical spine with varying degrees of intervertebral disc space collapse.

HOSPITAL NAME

St. Catherine's Animal
 Hospital

The cardiac silhouette appears to present mild generalized enlargement. Measurements of the vertebral heart score are inaccurate with the oblique and rotated position of the thorax; however, the vertebral heart score is interpolated at 11. Left atrial enlargement is not directly seen. There is no evidence of pulmonary vascular dilation and no evidence of cardiogenic pulmonary edema.

REFERRING VET

Dr. Masoud

The poor degree of pulmonary inflation contributes to the impression of increased interstitial opacity.

There is mild esophageal aerophagia.

INVOICE

46912

Course and width of the trachea are considered within normal limits.

RADIOGRAPHIC DIAGNOSIS

DATE

8-9-21

- Bilateral medial coronoid pathology with moderate to severe osteoarthritis as well as extensor enthesopathy - right more than left elbow.
- Radiographic evidence of chronic intervertebral disc disease in the cervical spine.
- Potential mild generalized cardiomegaly without evidence of congestive heart failure.



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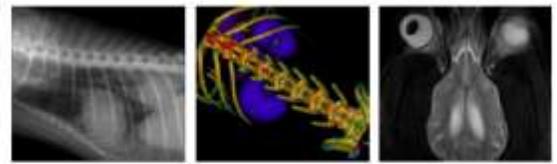
8-9-21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals marked elbows osteoarthritis in both front limbs. The changes are more pronounced in the right compared with the left side. The underlying cause is medial coronoid pathology which is occasionally encountered in small breed dogs as well. Clinical significance of the pertinent radiographic changes, however, varies and the concurrent potential for cervical intervertebral disc disease should be born in mind.

The assessment of the cardiac silhouette is limited. The impression of mild cardiomegaly is not necessarily of clinical significance. No hemodynamic consequences are apparent radiographically at this point. Correlate with the auscultation and consider cardiac echo for a more detailed and accurate assessment.





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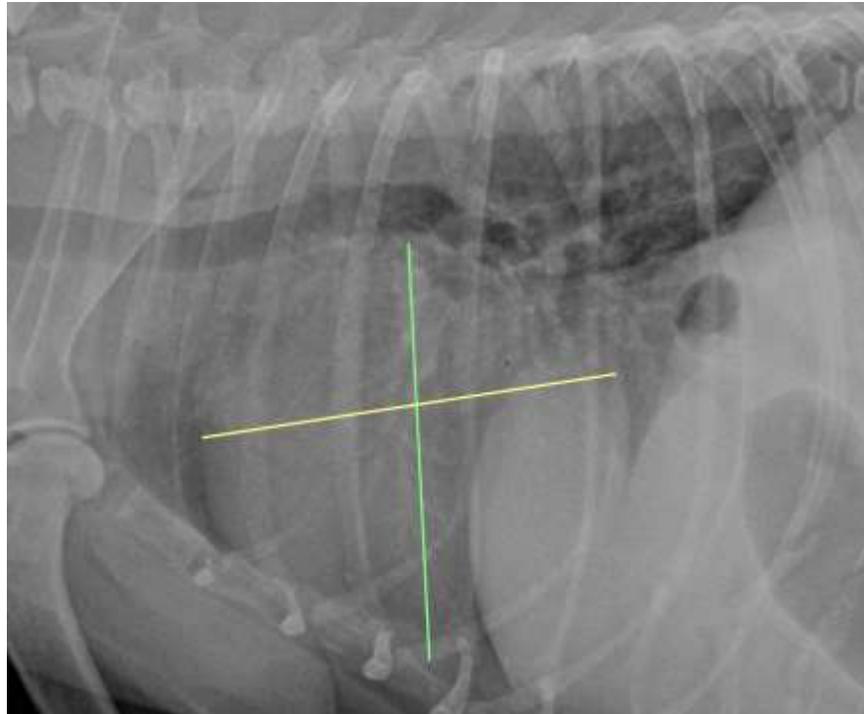
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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