



PATIENT

Appa Carson

SPECIES

Canine

BREED

Pomeranian

SEX

MN

AGE

10M, 6D

WEIGHT

10.2

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Lisa C.

HOSPITAL NAME

Animal Clinic
Northview

REFERRING VET

Derek Howell, DVM

INVOICE

74063

DATE

3-5-26

PRESENTING CLINICAL SIGNS

- Right radius is shorter than left causing patient to limp and hold up while in standing or sitting position. "Short Radius Syndrome", uncommon form of elbow dysplasia.
- This can be confirmed and distance quantified with a CT scan.
- CT prior to surgery to correct.

Abnormal PE/Chem/CBC/UA Results: Blood work pending

COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS

Plain study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Right Elbow

Radioulnar incongruity characterized by shortened radius relative to the ulna is seen resulting in an approximate 2mm step defect at the radioulnar articulation. This incongruity results in secondary humeroulnar incongruity with abnormal load distribution across the medial elbow compartment. With this finding there is fragmentation of the medial coronoid process with a mineralized fragment measuring approximately 2mm. The subchondral bone of the medial coronoid process is sclerotic consistent with chronic overload. Additionally, moderate periarticular osteophytes are seen.

Left Elbow

A milder degree of radioulnar incongruity is present with an approximately 1mm step between radial head and ulna. Mild sclerosis and subtle contour irregularity of the medial coronoid process is noted consistent with early medial compartment overload. No discrete coronoid fragment is identified. Only minimal secondary osteoarthritic changes are present at this stage.

No significant overall shortening of the thoracic limbs is identified. There is no evidence of angular limb deformity.

COMPUTED TOMOGRAPHIC DIAGNOSIS

Right Elbow:

- Radioulnar incongruity with short radius and 2mm step defect as well as humeroulnar asymmetry.
- Fragmentation of the medial coronoid process.
- Moderate secondary osteoarthritis.

Left Elbow:

- Mild radioulnar incongruity with 1mm step.
- Early medial coronoid process overload.
- No discrete fragmentation.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Overall, the findings are consistent with bilateral elbow dysplasia associated with radioulnar incongruity (short radius syndrome), more severe on the right side. The incongruity is responsible for abnormal medial compartment loading resulting in fragmentation of the medial coronoid process and



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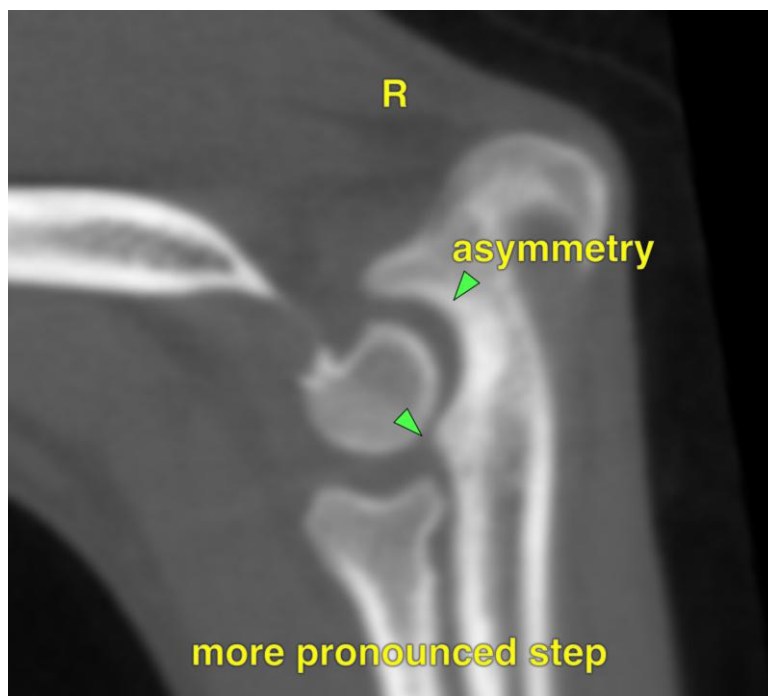
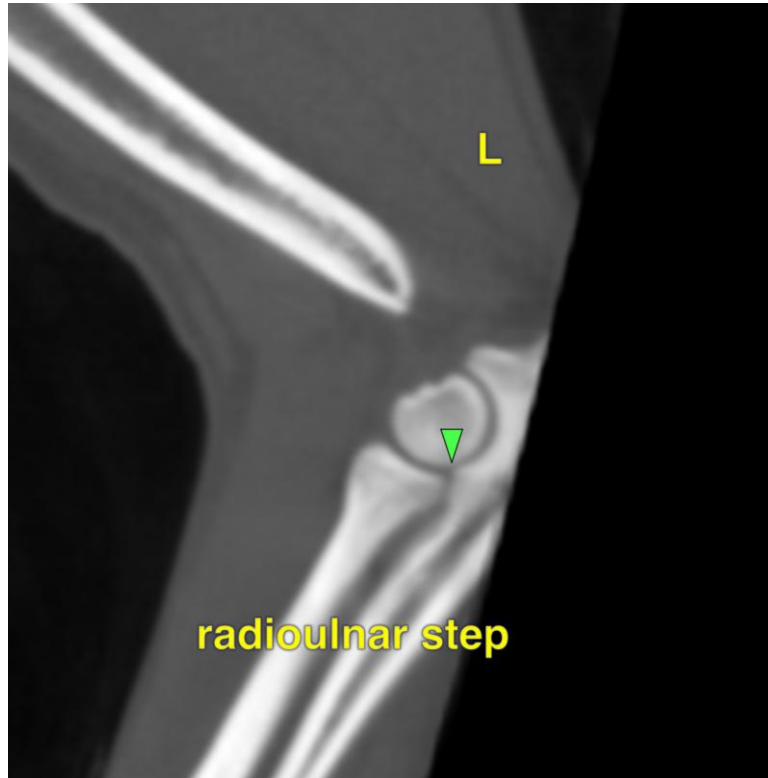
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osteoarthritis on the right side. The left elbow shows milder changes which may progress over time. However, clinical significance is uncertain at this point.





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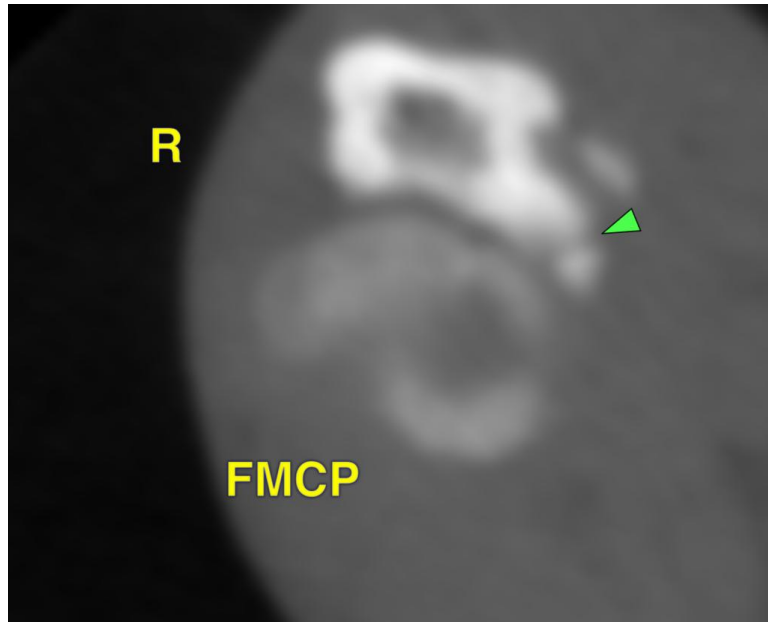
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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