



PATIENT

Lucy Delmonte

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

Female Spayed

AGE

10M

WEIGHT

18.2kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Matthew O'Neil

HOSPITAL NAME

Westford Veterinary
Emergency and
Referral Center

REFERRING VET

Mallory Watson

INVOICE

73957

DATE

2-26-26

PRESENTING CLINICAL SIGNS

- Elbow dysplasia with radioulnar incongruity

Abnormal PE/Chem/CBC/UA Results: None

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS – ELBOW JOINTS

One, non-contrast computed tomographic examination of the elbow joints are provided for review, transverse bone algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

LEFT ELBOW JOINT

On dorsal and sagittal reformatted images, there is increased humeroradial joint space with an articular step measuring approximately 4.8 mm, consistent with humeroradial incongruity. Additionally, widening of the humeroulnar joint space is observed at the level of the trochlear notch, supporting joint incongruity.

The medial coronoid process is heterogeneous, with a discretely hypoattenuating border. There is no evidence of fissure line or fragmentation.

Osteophytosis is noted along the dorsal margin of the anconeal process and at the radial head.

The humeral condyles are unremarkable.

The antebrachial joint is within normal limits.

The distal radial and ulnar physal lines are closed.

LEFT ELBOW JOINT

On dorsal and sagittal reformatted images, there is no evidence of humeroradial step or significant humeroradial incongruity.

There is discrete widening of the humeroulnar joint space at the level of the trochlear notch.

The medial coronoid process is within normal limits, with no evidence of fissure or fragmentation.

Discrete osteophytosis is observed along the dorsal border of the anconeal process.

The humeral condyles are unremarkable.

The antebrachial joint is within normal limits.

The distal radial physal line remains open laterally, while the distal ulnar physal line is closed.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

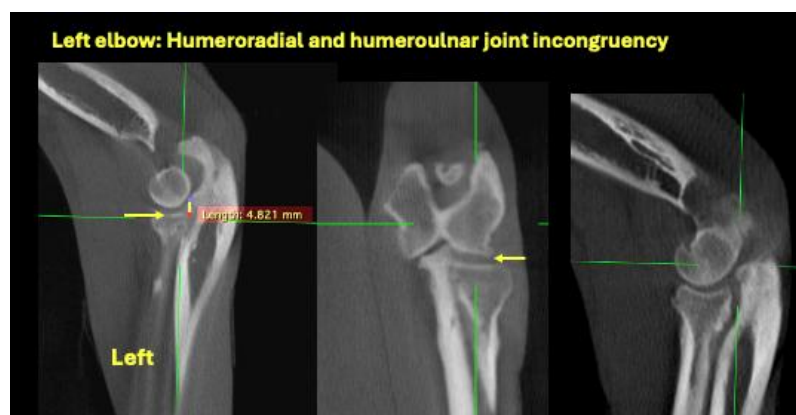
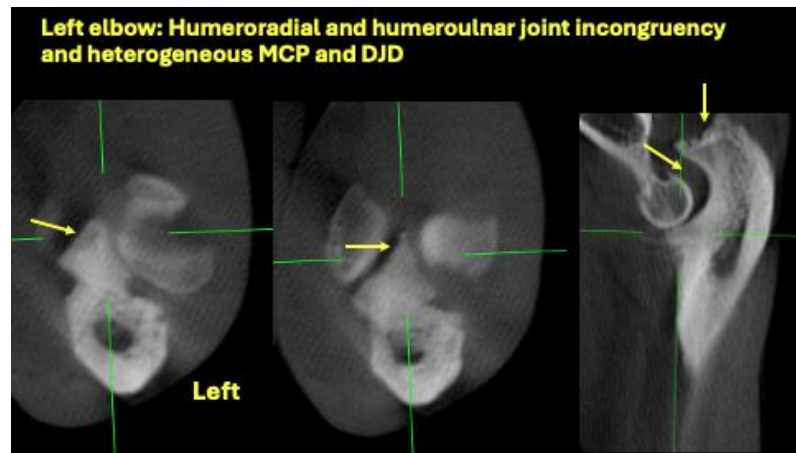
- Left Elbow Joint: Humeroradial and humeroulnar joint incongruency with an articular step of approximately 4.8 mm. Heterogeneous medial coronoid process without visible fissure or fragmentation. Mild degenerative joint disease. Findings are consistent with medial compartment disease / elbow dysplasia.
- Right elbow joint: Mild humeroulnar joint space widening without humeroradial step. Mild degenerative changes (early osteoarthritis). No evidence of medial coronoid heterogeneity, visible fissure or fragmentation. The distal radial physal line remains open laterally.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The tomographic finding of the left elbow demonstrates articular incongruency, with a measurable humeroradial step and widening of the humeroulnar articulation, compatible with elbow dysplasia and concurrent medial coronoid compartment disease.

The right elbow shows mild incongruency and minimal early degenerative changes without definitive evidence of medial coronoid compartment disease.

Correlation with clinical orthopedic examination and degree of lameness is recommended.





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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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com