



PATIENT

Whiske Ritesch

SPECIES

Canine

BREED

Golden Retriever

SEX

ME

AGE

9M

WEIGHT

30

INTERPRETED BY

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

IMAGING PERFORMED BY

Eamon

HOSPITAL NAME

Belconnen Veterinary
Centre

REFERRING VET

Eamon

INVOICE

74575

DATE

4-13-26

PRESENTING CLINICAL SIGNS

left fore limb lameness grd 7/10
isolated to the elbow

Abnormal PE/Chem/CBC/UA Results: cbc/chem not performed

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS (SHOULDERS & ELBOWS)

A pre- and post-contrast computed tomographic study of the thoracic limbs are provided for review. Images were acquired in the transverse plane using a bone algorithm and soft tissue algorithms, totaling 6 series.

COMPUTED TOMOGRAPHIC FINDINGS

THORACIC LIMBS

Thoracic Limbs (Osseous Structures)

There is increased medullary opacity with a heterogeneous, mottled pattern involving the distal diaphysis of the left humerus and the proximal diaphysis of the right ulna. The cortical bone margins are preserved, with no evidence of cortical lysis or significant periosteal reaction.

The adjacent soft tissues are unremarkable, with no evidence of swelling or mass effect.

SHOULDER JOINTS

The scapulohumeral joints are bilaterally congruent. The humeral heads and glenoid cavities exhibit normal shape, contour, and attenuation. There is no evidence of subchondral bone defects or periarticular osteophyte formation.

No joint effusion or periarticular soft tissue abnormalities are identified.

ELBOW JOINTS

The left elbow joint shows preserved joint congruency. The medial coronoid process, anconeal process, and humeral condyle demonstrate normal morphology and attenuation.

The right elbow joint shows preserved joint congruency. The medial coronoid process, anconeal process, and humeral condyle demonstrate normal morphology and attenuation.

Thorax (collimated images):

A focal triangular-to-elongated soft tissue attenuating structure is identified in the cranial mediastinum, consistent with a thymic remnant.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multifocal increased medullary opacity with a heterogeneous (mottled) pattern affecting the distal diaphysis of the left humerus and proximal diaphysis of the right ulna. Findings are most consistent with panosteitis.



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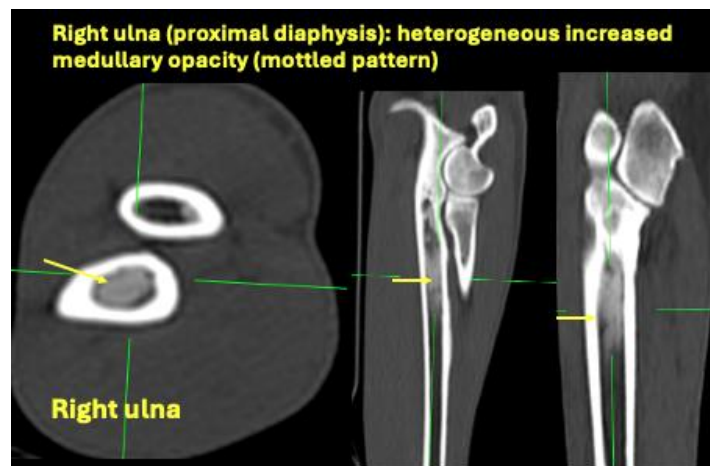
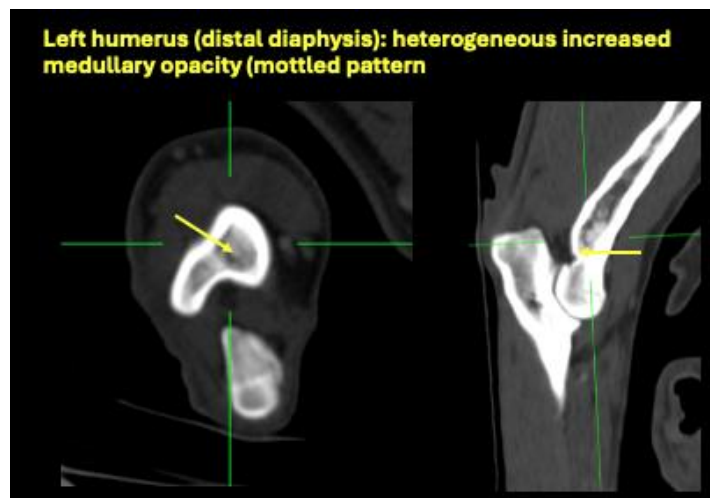
- No computed tomographic abnormalities are identified in the shoulder and elbow joints.
- Incidental cranial mediastinal soft tissue structure, compatible with thymic remnant.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The described intramedullary changes, characterized by increased heterogeneous medullary opacity without cortical disruption or periosteal reaction, are suggestive of panosteitis, particularly given the patient's age, breed, and clinical presentation.

No structural abnormalities are identified in the elbow joints to explain the severity of lameness, making a primary joint disorder less likely at this stage.

Panosteitis is typically a self-limiting condition; however, clinical correlation is essential. Correlate with orthopedic examination and clinical progression of lameness. Conservative management (analgesia and activity modification) may be considered. Follow-up imaging is recommended if clinical signs persist or worsen.





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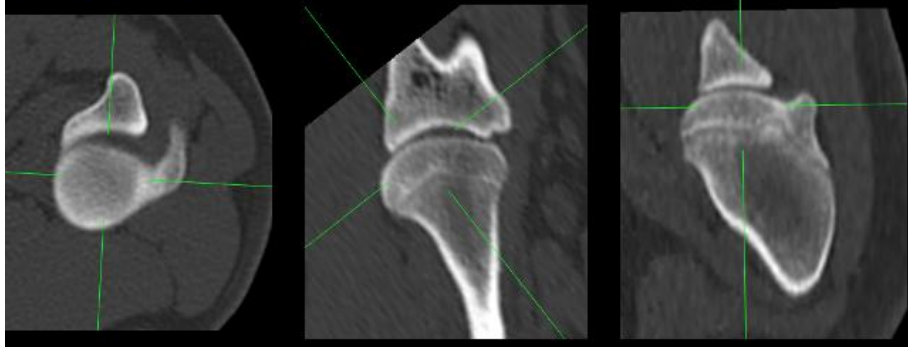
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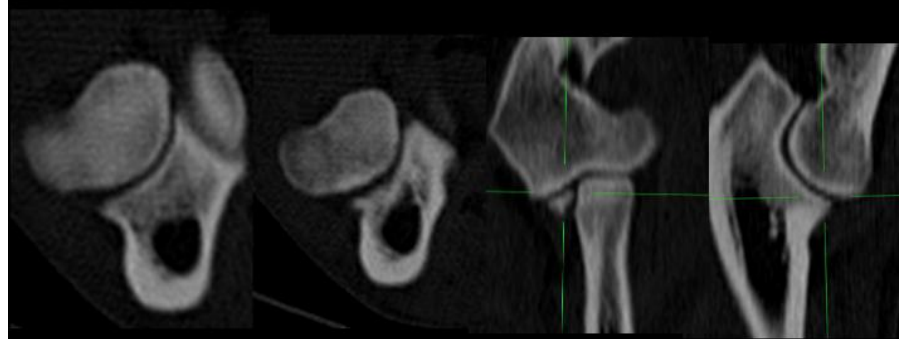
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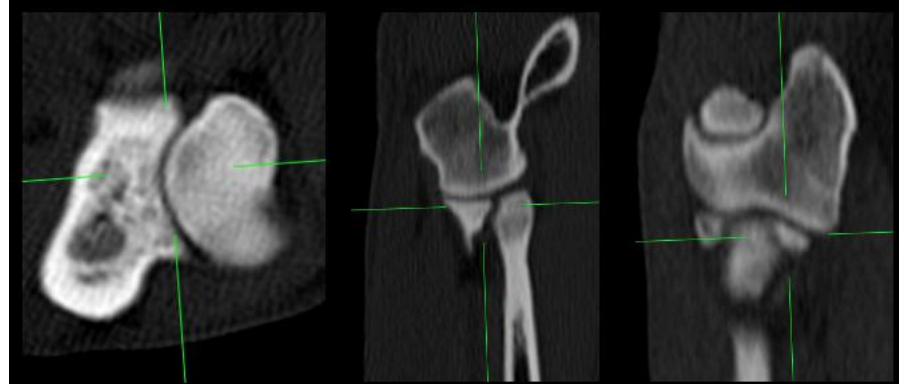
Normal left Shoulder



Normal left elbow



Normal right elbow





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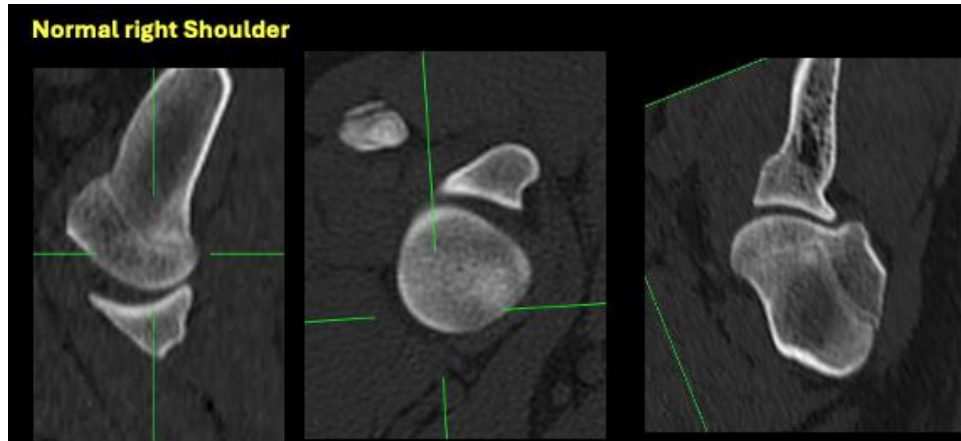
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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