


PATIENT

Jax Wilkinson

PRESENTING CLINICAL SIGNS

Recurrent lameness on left forelimb On exam left elbow is thickened compared to right and has crepitus, he will place and walk on it, but head nodding and shifting weight - 6/10 lame.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS AND CERVICAL SPINE

Seven CT series of the thoracic limbs and cervical spine are provided for review, pre- and post-contrast media are provided for review. One pre-contrast of the shoulder joints, one post-contrast of the shoulder's joints, one post-contrast right elbow joint. One post-contrast left elbow joint. One post-contrast right carpus joint. One post-contrast left carpus joint. One post-contrast cervical spine.

BREED

German Shepherd

COMPUTED TOMOGRAPHIC FINDINGS
SEX

Male

LEFT THORACIC LIMB
ELBOW JOINT

The anconeal process of the left ulna is ununited, irregular with moderate periarticular ossification.

AGE

2 Years

The medial coronoid process is irregular and sclerotic with large peripheral osteophytes.

There is a subchondral bone sclerosis and microcysts along the trochlear notch of the ulna, radial and ulnar incisures. A subchondral bone sclerosis is seen at medial humeral condyle.

There is a multiple periarticular osteophyte in the humeral epicondyles and condyles, cranial aspect of the radial head, lateral coronoid process and at the proximal margin of the anconeal process of the ulna. A large mineral osseous body is seen adjacent the lateral humeral condyle.

SHOULDER JOINT

Tiny linear and pinpoint mineralization foci are seen adjacent the greater tubercle of the humerus.

The scapulohumeral joint is congruent.

INTERPRETED BY

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

HOSPITAL NAME

Animal Trust –
 Ellesmere Port

REFERRING VET

Dr. Molly Ellson

ANTEBRACHIAL, CARPAL AND DISTAL LIMB

The antebrachial, carpal, intercarpal, carpometacarpal joints are unremarkable.

The phalanx, the interphalangeal joints of all digits are normal.

INVOICE

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No asymmetrical soft tissue swelling.

DATE

8/9/23


PATIENT
RIGHT THORACIC LIMB

Jax Wilkinson

ELBOW JOINT
SPECIES

The anconeal process of the left ulna is ununited, irregular with moderate periarticular ossification.

Canine

The medial coronoid process is irregular and sclerotic with large peripheral osteophytes.

BREED

German Shepherd

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SEX

Male

SHOULDER JOINT

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral elbow dysplasia with ununited anconeal process, medial coronoid process irregularity and severe secondary osteoarthritis. Adjacent to the lateral humeral condyles osteochondromas are seen and likely correlated to the secondary osteoarthritis.
- Bilateral pinpoint mineral and linear foci within the greater tubercle of the humerus, the differential diagnosis includes mineralizing supraspinatus tendinopathy.

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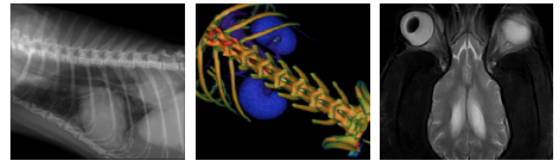
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
INVOICE

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The tomographic findings show elbow dysplasia, correlated to ununited anconeal process, medial coronoid process changes and severe secondary osteoarthritis. The medial coronoid process changes are likely an association of the joint instability or due to previous osteochondromalacia. Both elbow joints present a similar secondary osteoarthritis. The clinical signs of the lameness in the left thoracic limb could be correlated to acute on chronic lesion. A life management therapeutic approach with physical therapy, drugs for pain and careful anti-inflammatory drugs uses are suggested. An orthopedic specialist consult is suggested.

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Canine

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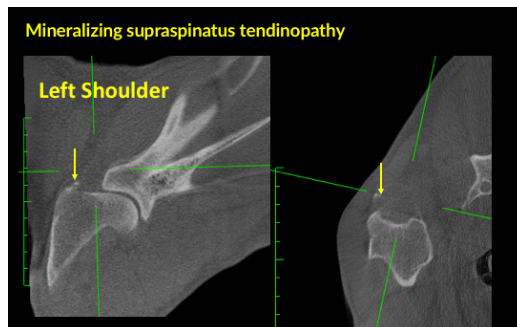
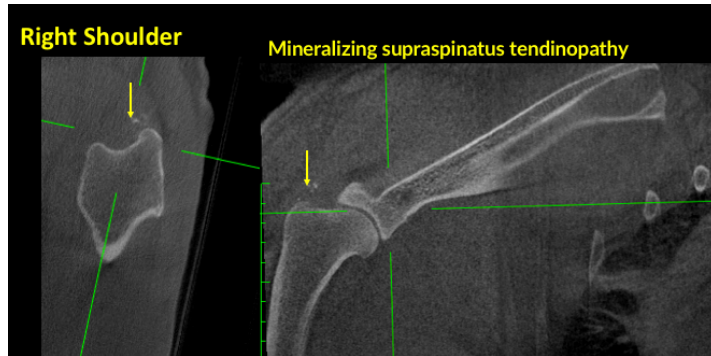
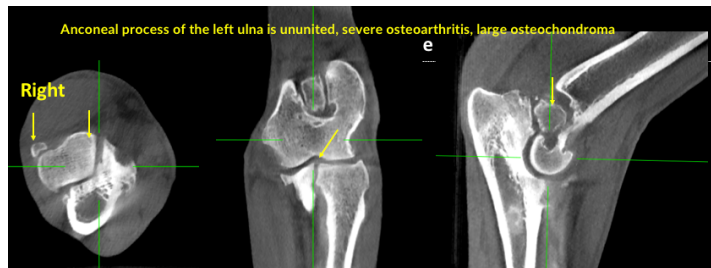
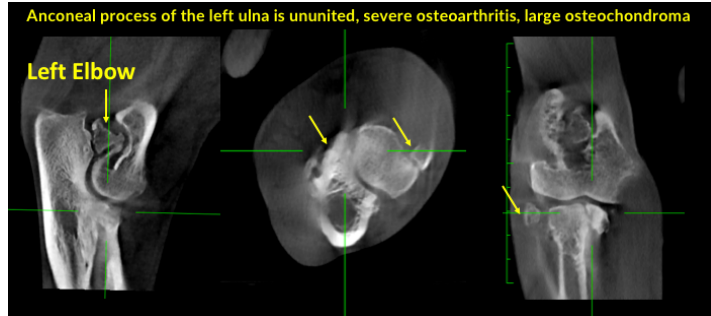
German Shepherd

SEX

Male

AGE

2 Years



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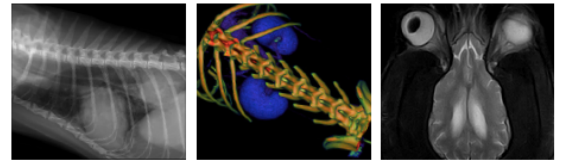
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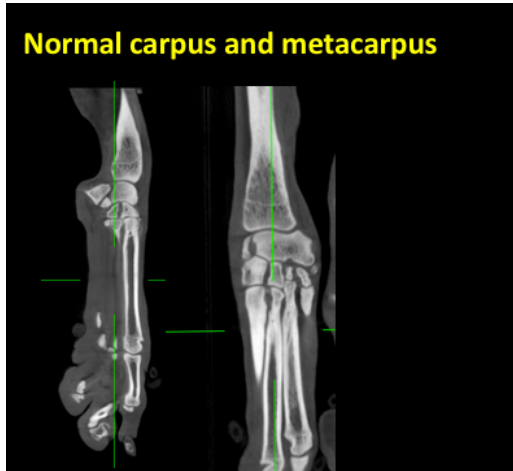
German Shepherd

SEX

Male

AGE

2 Years



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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