



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Rudy Cutler right thoracic limb. Lameness is moderate and intermittent. Lameness was mild in September 2021 and worsened in 2022. Radiographs taken in January. Forelimb lameness in 2020; resolved (shoulder and elbow OA, no neck lesions).

SPECIES Abnormal PE/Chem/CBC/UA Results: Canine Pelvic limbs are static with no major reaction; similar to previous exam Elbow dysplasia is a likely component; possible coronoid problem. Reactive on both shoulders No neck pain appreciated

BREED COMPUTED TOMOGRAPHY OF THE NECK & FRONT LIMBS

BREED Shepherd X A pre- and post-contrast CT study of the front limbs in a bone and soft tissue reconstruction is for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX The vertebral endplates C2/C3 and C3/C4 present moderate spondylosis formation.

MN The region of the brachial plexus bilaterally is within normal limits.

AGE The periarticular bones of both shoulder joints present moderate osteophyte new bone formation. In the distal aspect of the bicipital groove of the right humerus, moderate exostosis formation is appreciated as well as small granular mineralizations of the sheath of the right bicipital tendon. Post contrast administration, the synovial lining of the shoulder joints is mildly prominent.

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The periarticular bones of the left elbow joint show moderate osteophyte new bone formation and the periarticular bones of the right elbow joint present mild osteophyte new bone formation. The medial coronoid process of the left elbow joint presents with a mild heterogeneous decreased attenuation pattern and elongated hook-shaped conformation. In the craniomedial aspect of the right elbow joint, an isolated, triangular shaped, isolated mineralized body measuring 5.1 x 3.8 x 5.9 mm is seen – likely attached to the joint capsule. The medial coronoid process of the right elbow joint presents a mild flattened conformation and is well defined. Post contrast administration the joint capsule of both elbow joints is mildly thickened.

HOSPITAL NAME

Animal Health Partners

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Degenerative osteoarthritis shoulder joints bilaterally
- Exostosis formation bicipital groove right humerus
- Metaplasia of the tendon sheath of the right bicipital tendon
- Mild synovialitis shoulder joints bilaterally
- Degenerative osteoarthritis elbow joints bilaterally, L>R
- Coronoid disease elbow joints bilaterally
- Synovialitis elbow joints bilaterally
- Spondylosis deformans cervical spine.

REFERRING VET

Dr. Jeffery Biskup

INVOICE

51872

DATE

5-3-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with mild to moderate chronic degenerative joint disease, L>R, of both elbow joints due to pathology of the medial coronoid process. The isolated mineralized body in the right elbow joint can be the sequela of the small cartilage flap (possibly from the medial coronoid process) that is attached and nutrified by the synovial capsule – it may become entrapped in the humero-ulnar joint space. If pain can be elicited by manipulation of the elbow



PATIENT

joint(s), arthroscopy is considered beneficial.

Rudy Cutler

The changes of the shoulder joints, R>L, can indicate pathology of the bicipital tendon. Complementing workup by an ultrasound examination of the shoulder joints will allow checking for underlying pathology of the bicipital tendon or rotator cuff injury.

SPECIES

The cervical spine presents without clinically relevant pathologies.

Canine

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Shepherd X

SEX

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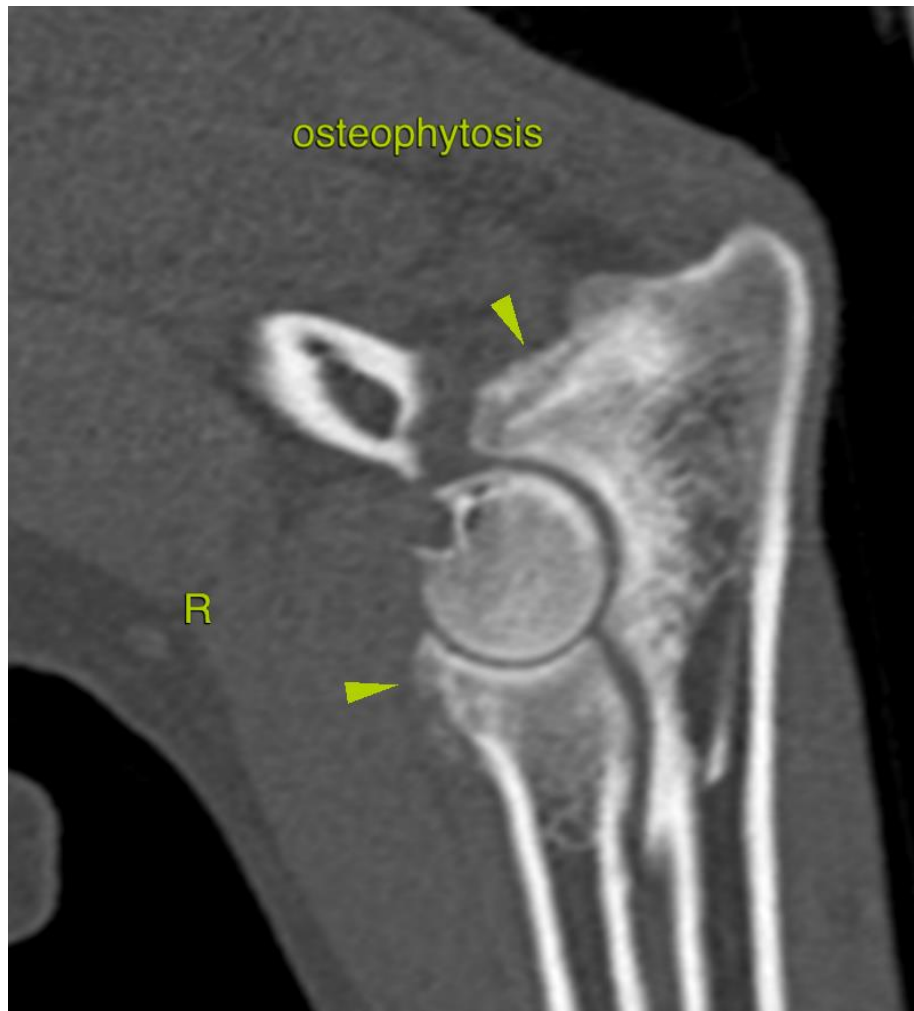
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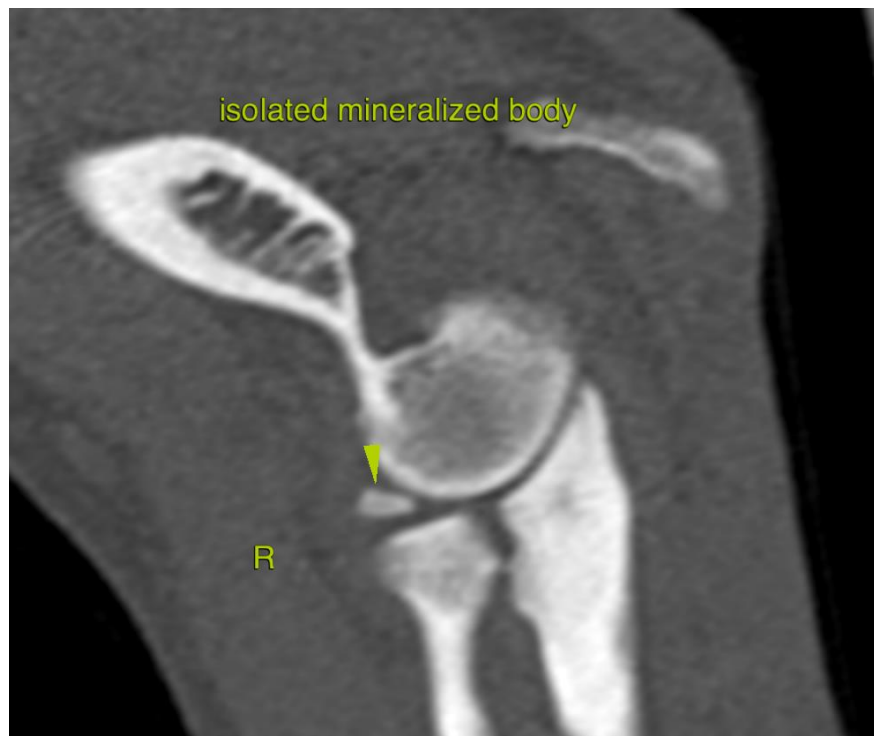
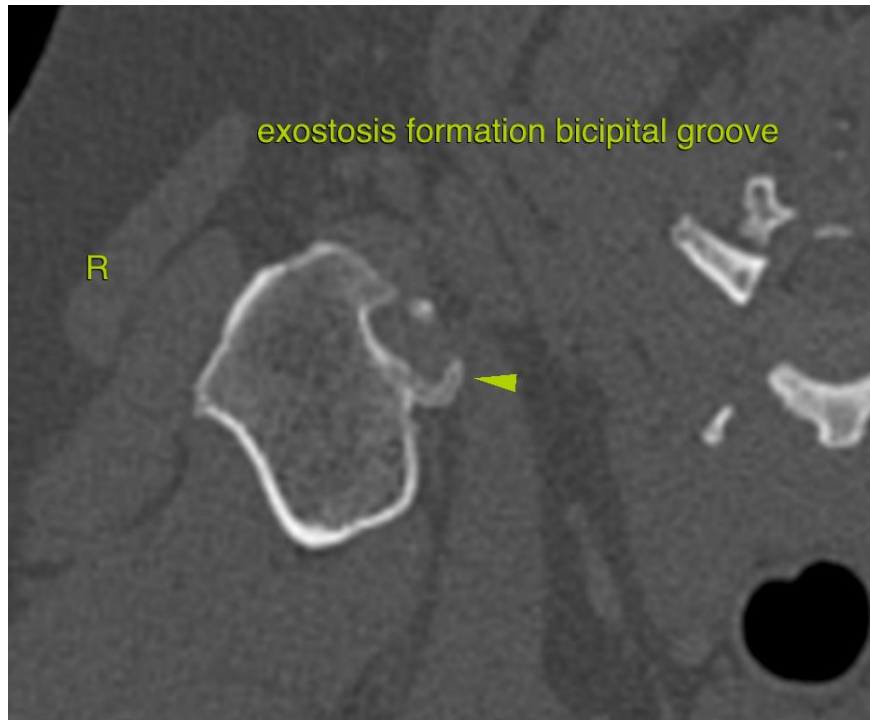
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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