


PATIENT PRESENTING CLINICAL SIGNS

Lucky Hafer History: Luxating shoulders diagnosed as a younger dog. Increased frequency of intermittent lameness.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS

Canine A high resolution pre- and post-contrast CT study of the front limbs is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS
BREED

Border Collie

The periarticular bones of both shoulder joints present advanced osteophyte new bone formation. The glenoid cavity is misshapen a, presenting a sloping conformation. The humeral heads bilaterally are in a medial subluxated position, articulating with the misshapen glenoid cavity. The humeral heads present multiple cystic depressions of the subchondral bone, demarcated by a thin sclerotic rim. The left bicipital groove shows advanced exostosis formation, encompassing the bicipital tendon in a circular manner. Post contrast administration, moderate thickening of the joint capsule of both shoulder joints is appreciated.

SEX

Spayed Female

AGE

6 Years

Both elbow joints present moderate osteophyte new bone formation, and the medial coronoid process of both elbow joints is irregular marginated with a heterogeneous density. At the cranial aspect of the medial coronoid process of the right elbow joint, an isolated, mineral attenuating fragment, measuring 4.5 x 1.6 x 4.5 mm is seen.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chronic medial subluxation of the humeral head, likely secondary to dysplasia of the glenoid cavity
- Secondary advanced degenerative osteoarthritis of the shoulder joints with degenerative osseous cyst like lesions
- Exostosis formation bicipital groove left shoulder joint
- Synovialitis shoulder joints bilaterally
- Fragmented medial coronoid process (FCP) right elbow joint
- Coronoid disease left elbow joint
- Degenerative osteoarthritis elbow joints bilaterally

HOSPITAL NAME

Mobile Pet Imaging
 CFL

REFERRING VET

Dr. Borecky

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The chronic subluxation of the shoulder joints is considered as a sequela to dysplasia of the glenoid fossa bilaterally with secondary advanced degenerative joint disease. The bicipital groove of the left humerus shows marked exostosis formation, potentially impinging the bicipital tendon – may contribute to lameness.

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The elbow joints present evidence of elbow dysplasia with subsequent degenerative joint disease – a potential source for lameness as well.

DATE

5/5/22



PATIENT

Lucky Hafer

As all changes can be related with lameness, possible therapeutic options – surgical management versus conservative measurements – should be discussed with orthopedic surgeon in this complex case.

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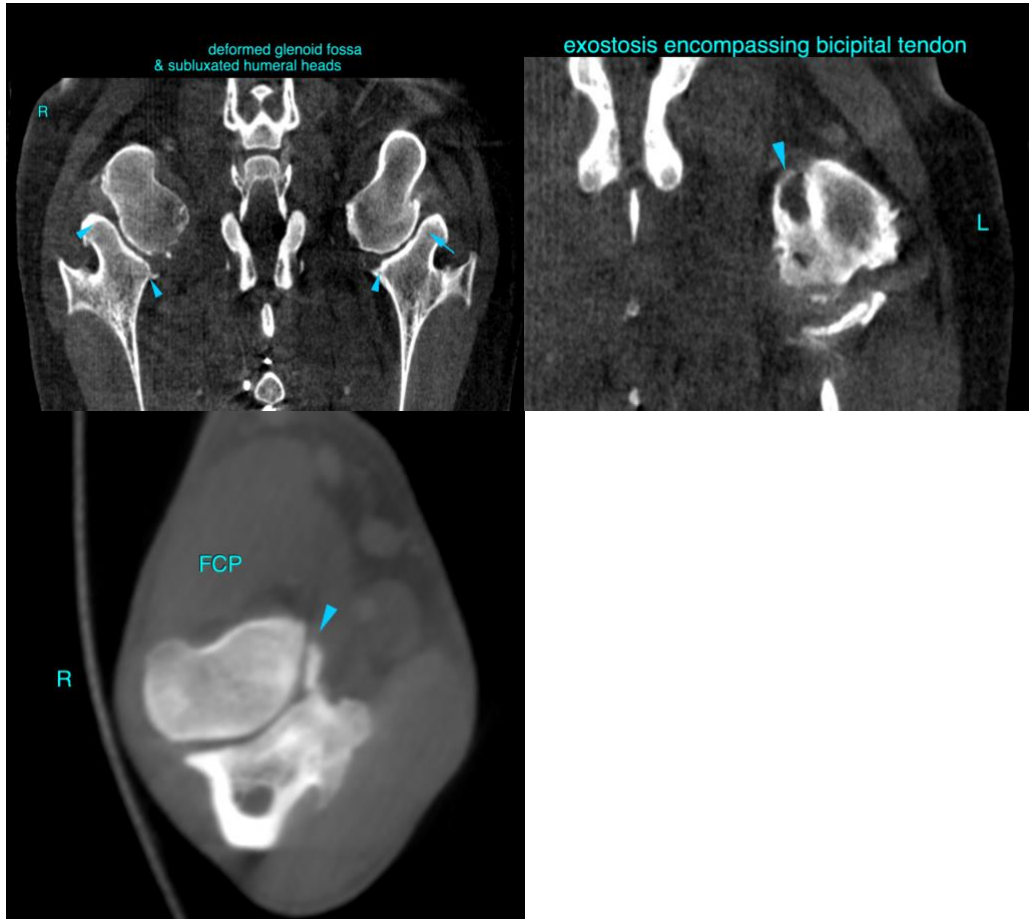
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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