



PATIENT PRESENTING CLINICAL SIGNS

Harry Sheehan
 Persistant right forelimb lameness , post hit by car. Atrophy SM,ST m proprioception and pain intact.
 Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHY OF THE CERVICAL SPINE

Canine
 A high resolution pre- and post-contrast CT study of the cervical spine are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Mixed
 Level with C2, mild peripheral mineralization of the dural tube is appreciated. The vertebral endplates C5/C6 present mild spondylosis formation. The vertebral endplates C6/C7 and T4/T5 to T8/T9 are mildly protruding into the vertebral canal, distorting the ventral epidural space at the same level.

SEX

MN
 The right shoulder joint presents with a moderate periarticular soft tissue swelling –post contrast administration a moderate intracapsular soft tissue swelling and thickening of the synovial capsule is present. The periarticular bones of the right shoulder joint present moderate osteophyte new bone formation. The subchondral bone of the bicipital groove of the right humerus presents an ill-defined geographic osteolytic lesion, with a broad ill-defined sclerotic rim. Post contrast administration, the center of the geographic osteolytic lesions is moderate contrast enhancing.

AGE

8 Years

INTERPRETED BY COMPUTED TOMOGRAPHIC DIAGNOSIS

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

- Advanced degenerative osteoarthritis right shoulder joint with moderate to marked articular swelling
- Monostotic semiaggressive osteolytic lesion right proximal humerus, level with the bicipital groove
- Mild intervertebral disc protrusion C6/C7 and T4/T5 to T8/T9 without compressive myelopathy
- Spondylosis deformans C5/C6

HOSPITAL NAME

Petroglyph Animal Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Raymond Hudgell

The main finding are the degenerative changes of the right shoulder joint with joint effusion, synovialitis, and an ill-defined osseous cyst like lesion of the right bicipital groove, communicating the joint space and moderate contrast enhancing lining. The cystic lesion is walled of by a thick, but ill-defined sclerotic rim, indicating active osseous remodeling. The odds for pathology of the bicipital tendon and/or active arthritis (infectious versus primary chronic degenerative arthritis) are considered high. An ultrasound examination of the right shoulder joint would be ideal for further assessment of the bicipital tendon and surrounding muscular/tendinous structures. To rule out malignant transformation of the joint capsule (e.g. round cell tumor) and allow sampling for cytology and microbial culture, recommend a synovial tap of the right shoulder joint. If results are equivocal, consider biopsy of the joint capsule of the right shoulder joint.

INVOICE

51089

DATE

3-22-22

Acute on chronic disease is a potential here, given the history of preceding traumatic insult.



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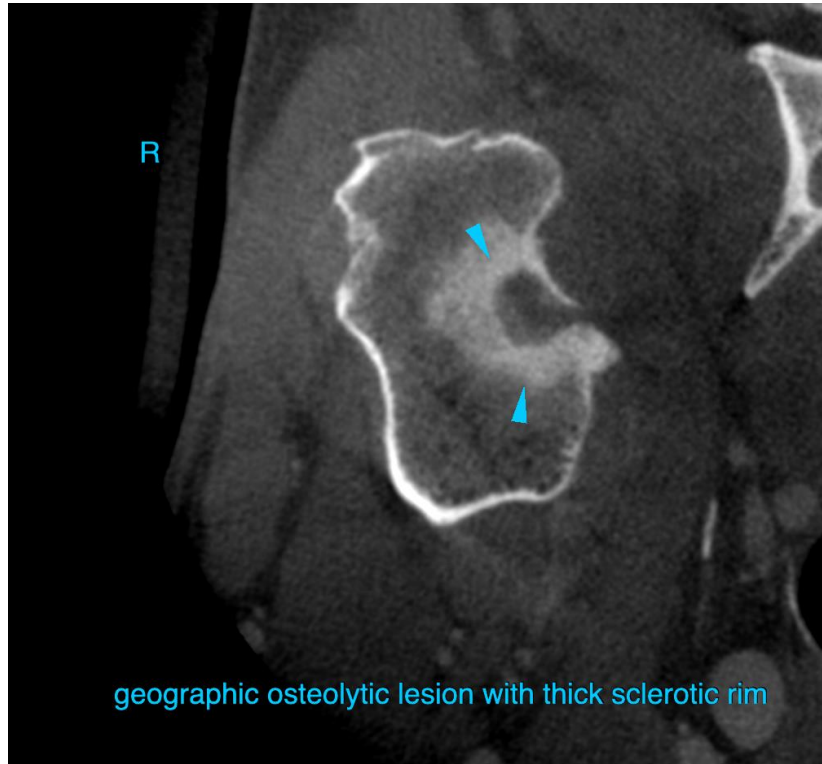
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SPECIES

Canine

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.

BREED

Mixed

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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