



**PATIENT**

Bodie Waters

**PRESENTING CLINICAL SIGNS**

2 week left forelimb lameness not responding to carprofen/gabapentin. Abnormal PE/Chem/CBC/UA Results: Holding up LF, non-reactive to any palpation or flexion/extension but will not load the leg (does not allow full weight bearing when trying to evaluate RF).

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE CERVICAL SPINE AND FRONT LIMBS**

Radiographs of the cervical spine in a lateral view and a complete set of radiographs of the front limbs is provided for review.

**BREED**

Labrador Retriever

**RADIOGRAPHIC FINDINGS**

The cervical spine is mild to moderately rotated. No abnormalities of the osseous and surrounding soft tissue structures of the cervical spine are appreciated.

**SEX**

Male Neutered

At the proximal aspect of the bicipital groove of the left shoulder joint, two isolated mineral opaque bodies are seen, measuring up to 1.3 mm in size. The osseous margins of the periarticular bones of the left shoulder joint are smooth.

**AGE**

12 Years

At the distal aspect of the supraglenoid tubercle of the right scapula, an isolated, well-defined, ovoid shaped mineral opaque body is seen, measuring 2.0 mm in size. Otherwise, the periarticular bones of the right shoulder joint are smooth, unremarkable.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

At the proximal aspect of the anconeal process of the right shoulder joint, moderate osteophyte new bone formation is visible.

The left elbow joint presents smooth osseous margins. The contour of the medial coronoid process of both elbow joints is well delineated.

Both carpal joints present smooth osseous margins. The styloid process of the left ulna is separated from the ulna by a transverse, mild oblique, well-defined radiolucent line with mild surrounding sclerosis.

**HOSPITAL NAME**

North Idaho Animal Hospital (VCA)

The osseous and surrounding soft tissue structures of the front paws are within normal limits.

**RADIOGRAPHIC DIAGNOSIS**

- Isolated styloid process left ulna
- Isolated mineralized bodies proximal to the bicipital groove left humerus
- Isolated mineralized body distal aspect right supraglenoid tubercle
- Osteophytosis proximal aspect right anconeal process
- Normal cervical spine
- Normal front paws

**REFERRING VET**

Dr. Jolee Stegemoller

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The isolated styloid process of the left ulna can be a sequela to disturbed ossification or previous trauma – the changes appear to be chronic and there is no soft accompanying soft tissue swelling, expected in case of acute fracture. Anyway check if pain can be elicited by manipulation/pressure on the respective region.

**DATE**

7-28-22

The mineralized bodies at the distal aspect of the right supraglenoid tubercle and the region of the left groove of the bicipital tendon can present dystrophic mineralization of the overlying soft



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tissues (including the joint capsule) or present mineralization of the bicipital tendon due to pathology of the bicipital tendon. If pain can be localized to the shoulder joints, an ultrasound examination of the bicipital tendon can be performed as advanced imaging modality and to rule in/out tenosynovitis.

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The right elbow joint presents without overt signs for elbow dysplasia and the osteophyte formation might be a sequela to 'wear-and-tear', with questionable clinical relevance.

In case of strong clinical suspicion of pain originating from the cervical spine/brachial plexus, recommend cross-sectional imaging.

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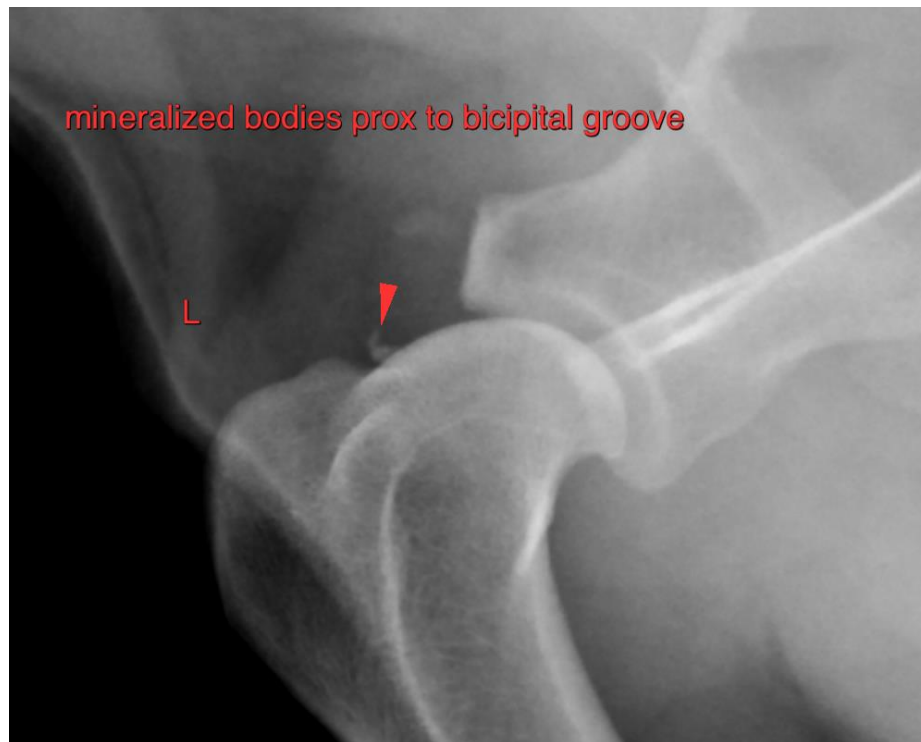
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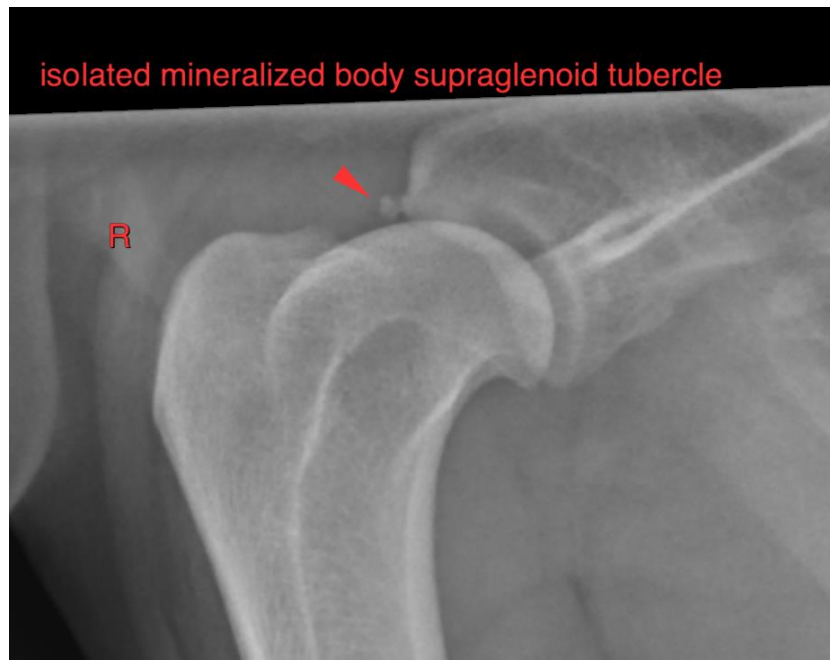
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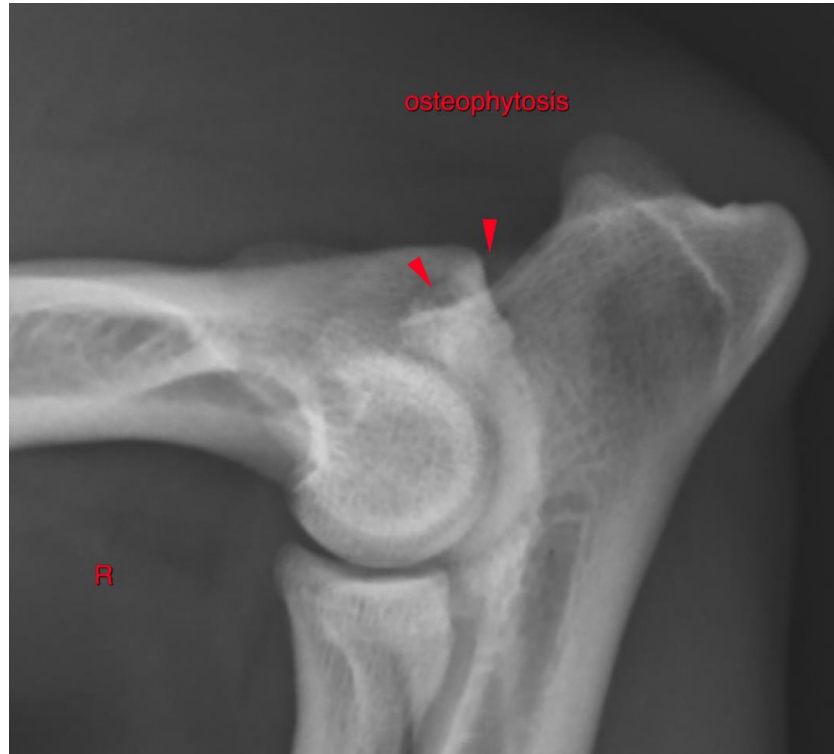
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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