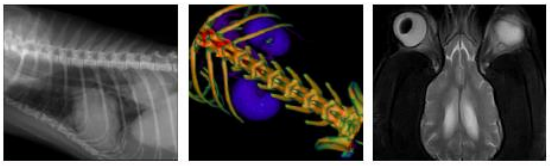
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Luka Boyd

SPECIES

Canine

BREED

Belgian Malinois

SEX

Male

AGE

2 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Neighborhood Pet Health Center

REFERRING VET

Russell Johnson

INVOICE

53184

DATE

7-30-22

PRESENTING CLINICAL SIGNS

This is a working Police K9 unit, just wanting to make sure hips, elbows and stifles all look normal.

RADIOGRAPHIC STUDY OF THE ELBOW & STIFLE JOINTS AND PELVIS

Radiographs of the elbow & stifle joints in a mediolateral projection are provided for review.

RADIOGRAPHIC FINDINGS

The right elbow joint presents smooth osseous margins, the medial coronoid process is well-defined and has a homogeneous density.

The proximal margin of the anconeal process of the left elbow joint presents a mild double contour at the cranial aspect. The humerus is superimposed on the tip of the medial coronoid process, due to maximum flexion, the contour appears well-defined.

The osseous and surrounding soft tissue structures of the pelvis are within normal limits. At the right femoral neck, mild osteophyte new bone formation is seen. A Morgan line is seen at the femoral neck bilaterally – considered as incidental finding.

Both stifle joints present smooth osseous margins and without evidence of intracapsular soft tissue swelling, unremarkable.

RADIOGRAPHIC DIAGNOSIS

- Double contour proximal aspect anconeal process left elbow joint
- Very mild degenerative osteoarthrosis right
- Structural normal right elbow joint

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The double contour of the proximal margin of the anconeal process can represent a normal anatomical variant with the insertion of the joint capsule or the olecranon ligament forming a small osseous ridge*, however mild osteophyte formation is a consideration as well – but there are no distinct signs indicating underlying elbow dysplasia, such as coronoid disease. In case of doubt, a CT study of the elbow joint can be used to rule out underlying coronoid disease entirely. The clinical relevance of the mild osteophyte formation at the right femoral neck is questionable.

* Kunst, Chelsea M., et al. "Computed tomographic identification of dysplasia and progression of osteoarthritis in dog elbows previously assigned OFA grades 0 and 1." *Veterinary radiology & ultrasound* 55.5 (2014): 511-520.

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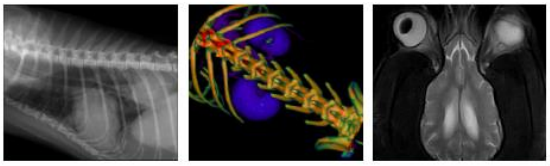

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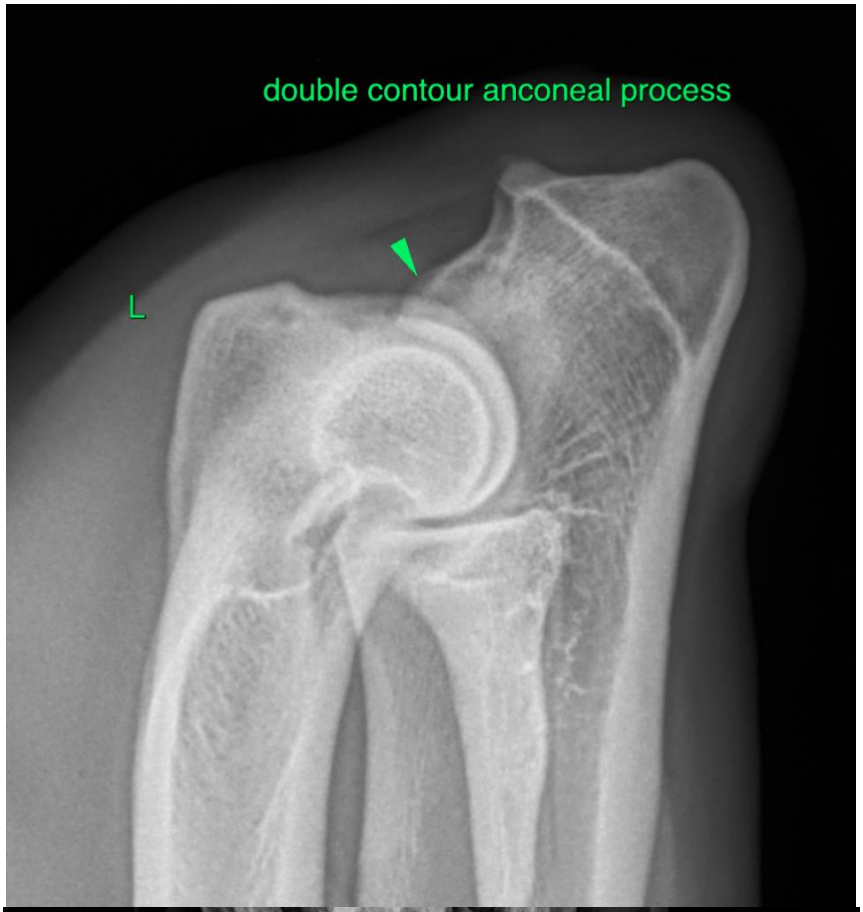

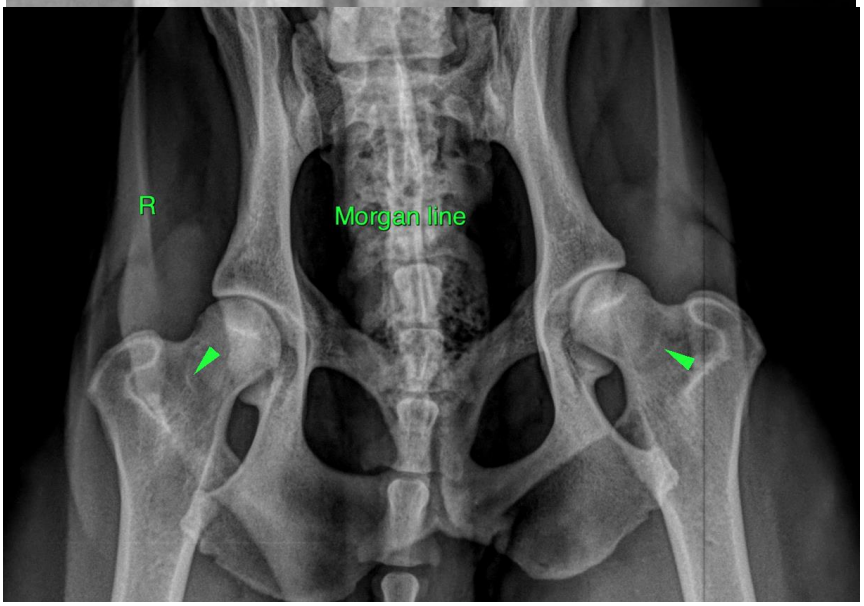

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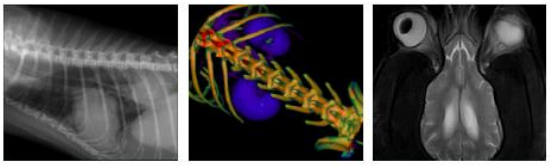

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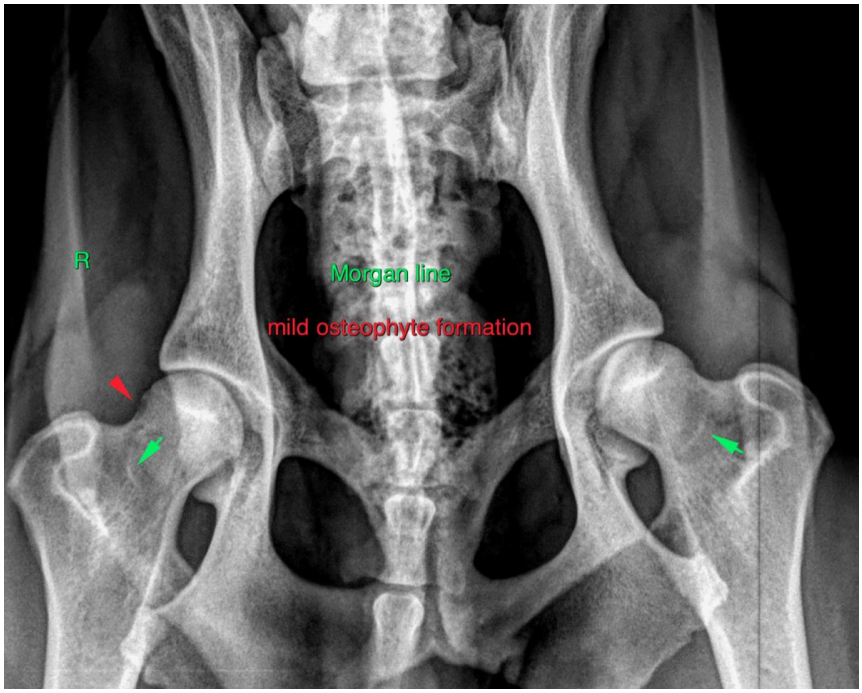

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
sebast.schaub@gmail.com