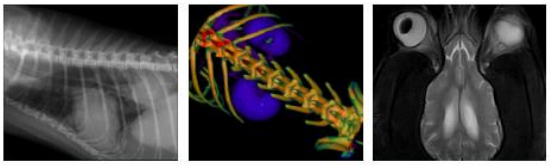
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



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

**PATIENT**

Moose Young

**SPECIES**

Canine

**BREED**

Lab

**SEX**

MN

**AGE**

1.5 Years

**INTERPRETED BY**

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Bridgwater
Veterinary Hospital
and Wellness Centre

**REFERRING VET**

Dr. McKay

**INVOICE**

55094

**DATE**

11-10-22

## PRESENTING CLINICAL SIGNS

Bilateral elbow OA consistent with elbow dysplasia (most likely MCD & elbow OCD)

## COMPUTED TOMOGRAPHY OF THE FRONT LIMBS

A high resolution plain CT study of the elbow joints is provided for review.

## COMPUTED TOMOGRAPHIC FINDINGS

The periarticular bones of both elbow joints present advanced osteophyte new bone formation. The medial coronoid process of both elbow joints is irregular marginated and has a heterogeneous density with a heterogeneous sclerosis of the base. At the cranial aspect of the medial coronoid process of the left elbow joint, two well-defined, isolated mineralized bodies, measuring 4.6 x 4.0 x 6.6 mm and 4.8 x 4.0 x 4.7 mm in size are appreciated. At the lateral aspect of the medial coronoid process of the right elbow joint, multiple small isolated mineralized bodies are seen. The subchondral bone of the right trochlea humeri opposing the medial coronoid process presents with multiple concave depressions. Bilaterally the medial compartment of the elbow joints is significantly narrowed.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Fragmented medial coronoid process (FCP) elbow joints bilaterally
- Contact lesion right trochlea humeri
- Narrowed medial compartment elbow joints bilaterally
- Advanced degenerative joint disease elbow joints bilaterally

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with advanced chronic degenerative joint disease of both elbow joints due to a fragmented medial coronoid process.

Arthroscopy would be ideal to revise the elbow joints and remove the fragments of the medial coronoid process and prevent further damage. The narrowed medial compartment of the elbow joints and the contact lesions of the right trochlea humeri are highly suggestive for advanced loss of the joint cartilage and can deteriorate post- surgical prognosis.

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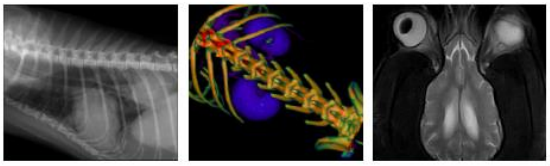

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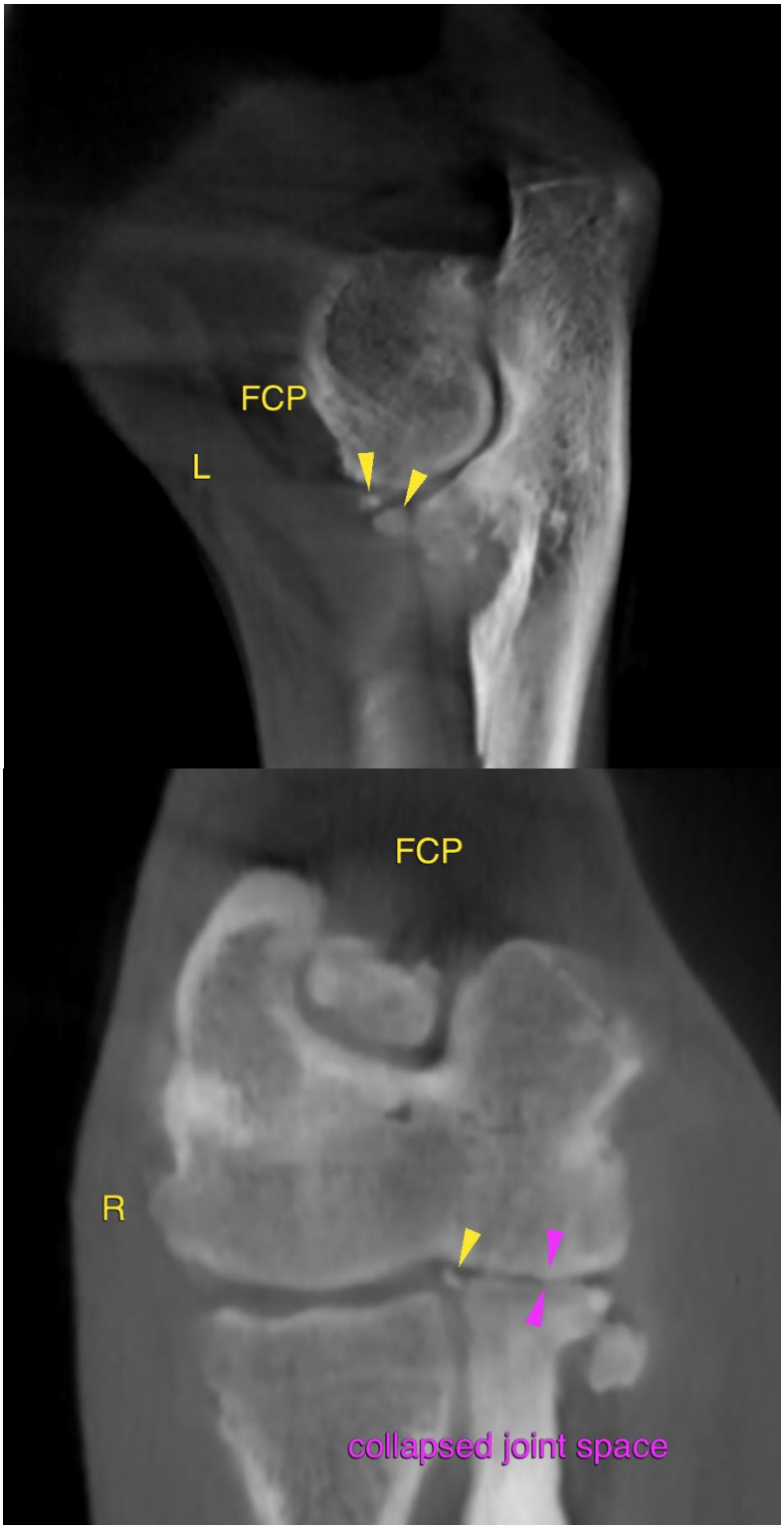

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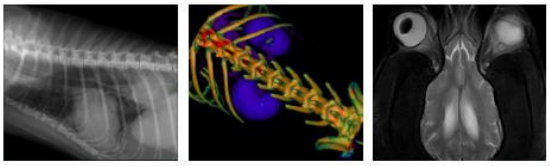

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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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