



**PATIENT PRESENTING CLINICAL SIGNS**

Mercy Chapman History: lameness right thoracic limb slight decrease on flexion of bilateral elbows osteoarthritis/ degenerative joint disease limping r/o questionable elbow dysplasia vs MCD vs elbow incongruency

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ELBOW JOINTS**

Canine A plain CT study of the elbow joints in a bone and soft tissue reconstruction is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

English Bulldog The periarticular bones of both elbow joints present advanced osteophyte new bone formation. The medial coronoid process has an irregular blunted shape with a heterogeneous contrast enhancement pattern. At the cranial aspect of the right medial coronoid process, an isolated, triangular shaped osseous fragment is visible, measuring 2.5 x 2.7 x 2.6 mm. In the caudal aspect of the radio-ulnar joint space, multiple isolated osseous fragments are visible. Both elbow joints present a radio-ulnar step formation and the joint space is incongruent. The medial compartment of the right elbow joint is collapsed and the subchondral bone of the trochlea humeri is irregular.

**SEX**

Spayed Female

**AGE**

4 Years

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Fragmented medial coronoid process (FCP) elbow joints bilaterally
- Advanced osteoarthritis elbow joints bilaterally
- Medial compartment syndrome right elbow joints and secondary contact lesion trochlea humeri bilaterally
- Incongruity elbow joints bilaterally

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDP

**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.

**HOSPITAL NAME**

Western VC

Arthroscopy/arthrotomy is recommended to revise the elbow joints and remove the fragments of the medial coronoid process and prevent further damage. The collapsed joint space of the right elbow joint and the contact lesion indicate loss of the joint cartilage.

**REFERRING VET**

Dr. Gerards

**INVOICE**

23996

**DATE**

8/18/23



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Mercy Chapman

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Canine

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English Bulldog

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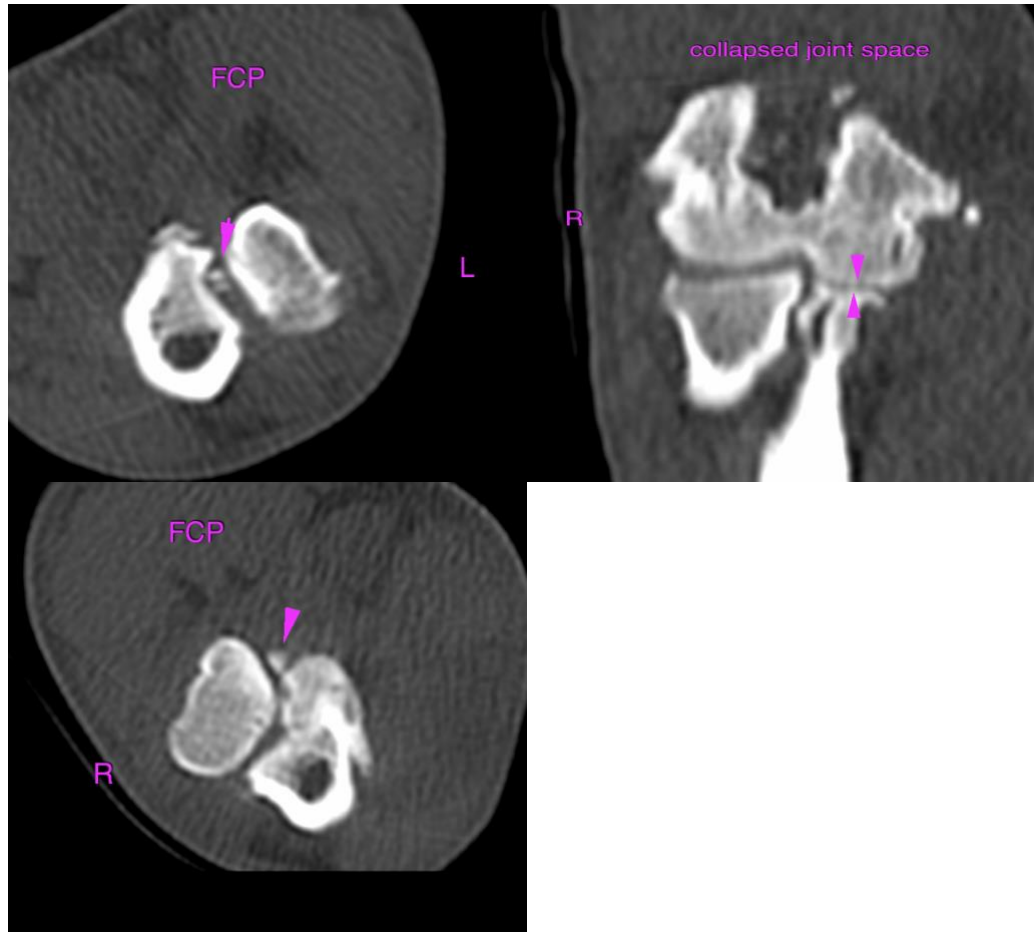
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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  
info@sonopath.com



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Canine

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