



**PATIENT PRESENTING CLINICAL SIGNS**

Ziggy Funes Limping on front right leg, after an orthopedic consultation a CT scan was recommended. Suspect right bicipital tendinopathy  
 Abnormal PE/Chem/CBC/UA Results: Obese, severe brachycephalic syndrome

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SHOULDERS, ELBOWS, & CARPI**

Canine Plain and post contrast studies of the shoulders and post contrast study of the elbows and carpal regions available for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

English Bulldog **Elbows**

**SEX** A 1.2mm and 1.1mm sized fragments are seen at the tip of the right medial coronoid process. The base of the medial coronoid process presents deformity and sclerosis. No subchondral bone defects are seen. There is mild complex joint incongruity. Mild osteoarthritic changes are found.

Spayed Female

**AGE** A 2.5mm sized fragment is isolated from the tip of the left medial coronoid process. The base of the medial coronoid process presents significant heterogeneity, sclerosis, and deformity. Mild complex joint incongruity is seen. There is no evidence of subchondral bone defects. There is a moderate to severe amount of periarticular osteophytes.

6 Years, 10 Months

**Shoulders**

**INTERPRETED BY** A 3mm sized mineralization is seen in the tendon of the right supraspinatus muscle close to the greater humeral tubercle. No evidence of biceps exostosis and no shoulder osteoarthritis is seen concurrently.

Nele Eley (Ondreka),  
 DVM Dr. med. vet.,  
 DipECVDI

The left shoulder presents within normal limits.

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**Carpri**

The right carpus presents within normal limits.

Moderate osteoarthritic changes of the metacarpophalangeal joints 3 & 4 of the right front limb are noted. The metacarpophalangeal joints of the digits 2 & 5 present minor osteoarthritic changes.

**REFERRING VET**

Meaux

Moderate articular swelling of the left carpal joint is seen. There is a moderate amount of periarticular osteophytes and enthesophytes accentuating the antebrachicarpal level with no evidence of subchondral bone erosions.

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The metacarpophalangeal joints of the digits 3 & 4 of the left front limb present mild osteoarthritic changes.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

12-14-22

- Bilateral medial coronoid pathology with fragmentation, mild right sided and moderate left sided secondary elbow osteoarthritis.



**PATIENT**

Ziggy Funes

- Mineralizing right supraspinatus tendinopathy.
- Moderate nonerosive left carpal arthropathy with marked articular swelling.
- Mild to moderate metacarpophalangeal joint osteoarthritis of the 3<sup>rd</sup> & 4<sup>th</sup> digits in the left and right front limb respectively.

**SPECIES**

Canine

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals bilateral elbow dysplasia with fragmented medial coronoid processes. The secondary osteoarthritic changes are mild in the right elbow and moderate within the left elbow at this point.

**BREED**

English Bulldog

The right supraspinatus tendon presents mineralization. Biceps impingement secondary to supraspinatus tendinopathy with secondary biceps tenosynovitis is a potential however the CT study does not reveal any direct signs of chronic biceps tendinopathy.

**SEX**

Spayed Female

From a CT perspective, it is considered more likely that the elbow pathology is responsible for the clinical lameness.

**AGE**

6 Years, 10 Months

The changes of the left carpus support presence of moderate nonerosive arthropathy with marked articular swelling and signs of degenerative joint disease. Post-traumatic arthritis, primary degenerative joint disease, and nonerosive immune mediated arthritis are potential differential diagnoses. Clinical palpation for presence of instability should be performed and aspiration and analysis of synovia could be considered for further definition.

**INTERPRETED BY**

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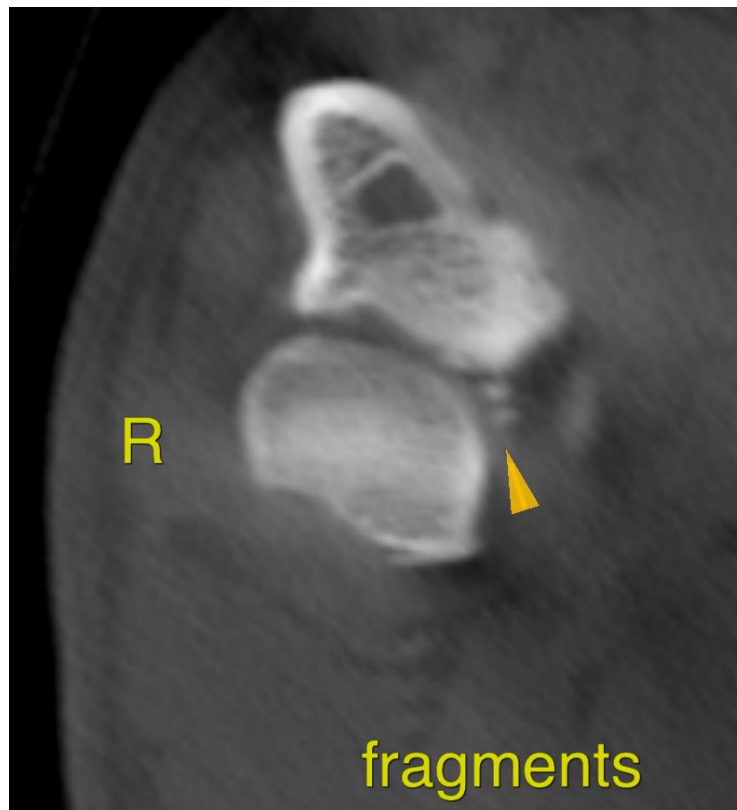
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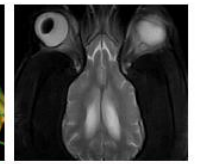
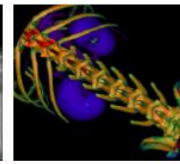
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**DATE**

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**PATIENT**

Ziggy Funes

**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

Spayed Female

**AGE**

6 Years, 10 Months

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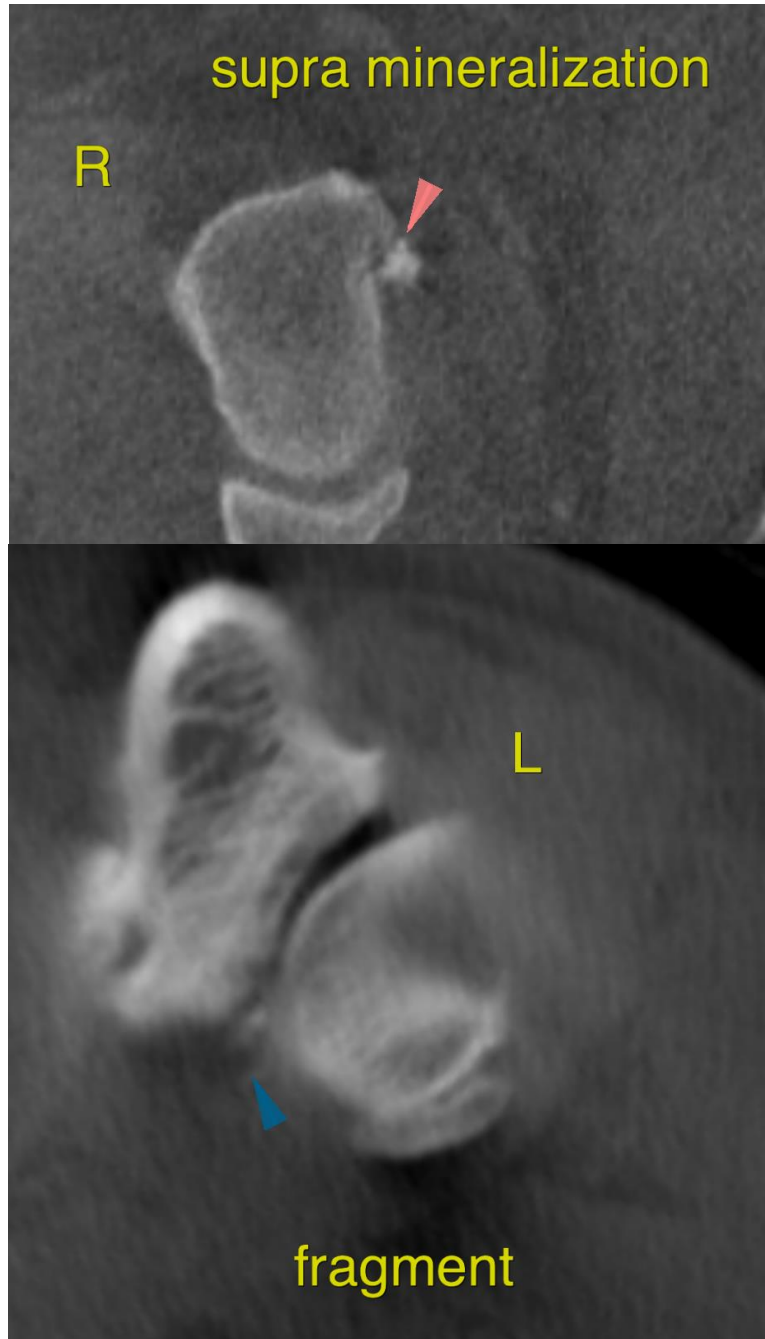
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**PATIENT**

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**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

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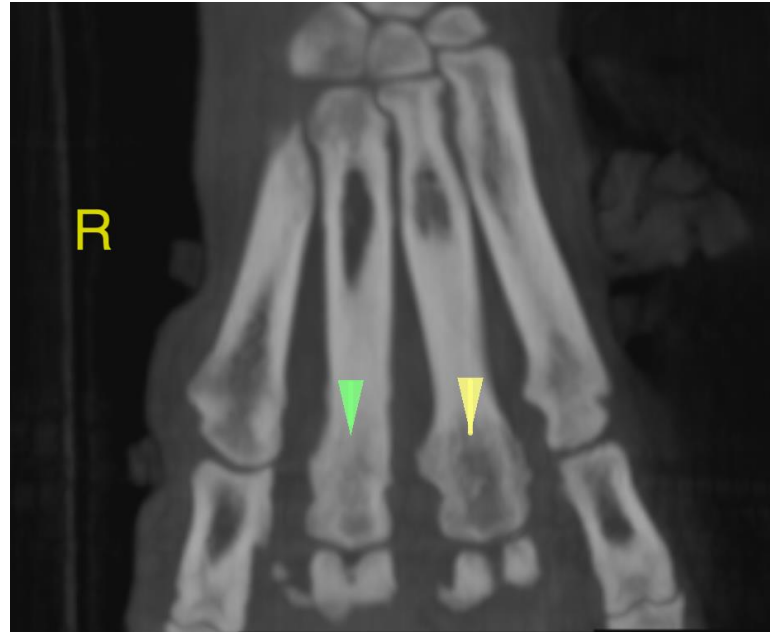
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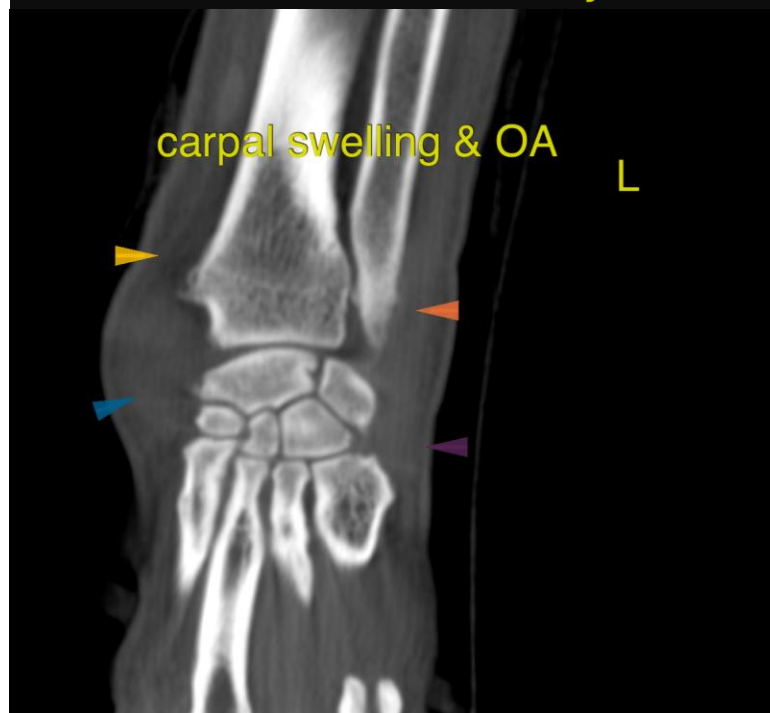
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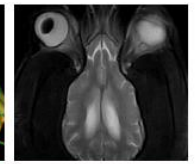
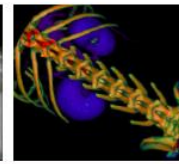
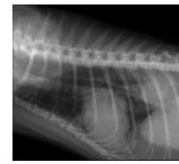
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moderate OA MCP joints





**PATIENT**

Ziggy Funes

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

**SPECIES**

Canine

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.

**BREED**

English Bulldog

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**SEX**

Spayed Female

**AGE**

6 Years, 10 Months

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