



**PATIENT**

Luke Schwartzberg

**PRESENTING CLINICAL SIGNS**

chronic right forelimb lameness that has been noticed since 3 months ago. The owners brought him to his regular veterinarian where an interdigital cyst was observed between the 3rd and 4th digit of the right forepaw which was cultured to be positive for Enterococcus and Klebsiella. He was treated with a course of antibiotics with improvement, however the lameness persisted. Mild crepitus on right carpus, mild pain on bilateral elbow manipulation with reduced range of motion (right worse than left). Mild pain on elbow flexion with internal rotation bilaterally. No pain on shoulder extension or flexion.

**SPECIES**

Canine

**BREED**

Golden Retriever

**COMPUTED TOMOGRAPHIC STUDY OF THE RIGHT FRONT LIMB**

Elbow to the paw - plain and post contrast studies in soft tissue and bone windows available for review.

**SEX**

MN

**COMPUTED TOMOGRAPHIC FINDINGS**

**Right Elbow**

The medial coronoid process of the right elbow is intact. There is no evidence of subchondral bone defects. The joint spaces are congruent. A minimal amount of periarticular osteophytes is seen and a 1.5mm sized rounded metaplasia is present within the flexor origin. There is no evidence of swelling or increased enhancement of the flexor origin.

**AGE**

13 Years

**Right Front Paw**

Linear mineralizations are seen in the attachment of the ulnocarpal flexor tendon (FCU) to the accessory carpal bone. There are also moderate linear mineralizations along the pathway of the accessory metacarpal ligament.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Moderate osteoarthritic changes of the 2<sup>nd</sup> -5<sup>th</sup> metacarpophalangeal joint are noted. The proximal interphalangeal joints of the 3<sup>rd</sup> and 4<sup>th</sup> front paw present mild osteoarthritic changes as well.

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Interdigital soft tissue swelling appears to be present between the 4<sup>th</sup> and 5<sup>th</sup> digit with mildly increased contrast enhancement. No evidence of foreign material is seen.

**REFERRING VET**

Dr. Jeffery Biskup

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Minimal right elbow osteoarthritis and flexor enthesopathy of uncertain clinical significance.
- Moderate metacarpophalangeal joint osteoarthritis in the 2<sup>nd</sup>-5<sup>th</sup> digits of the right front paw.
- Chronic tendinopathy of the right flexor carpi ulnaris muscle and chronic desmitis of the accessory metacarpal ligament.
- Interdigital soft tissue swelling with no evidence of foreign material, abscessation, or aggressive bone lysis between the 4<sup>th</sup> and 5<sup>th</sup> digits in the right front paw.

**INVOICE**

53685

**DATE**

8-24-22



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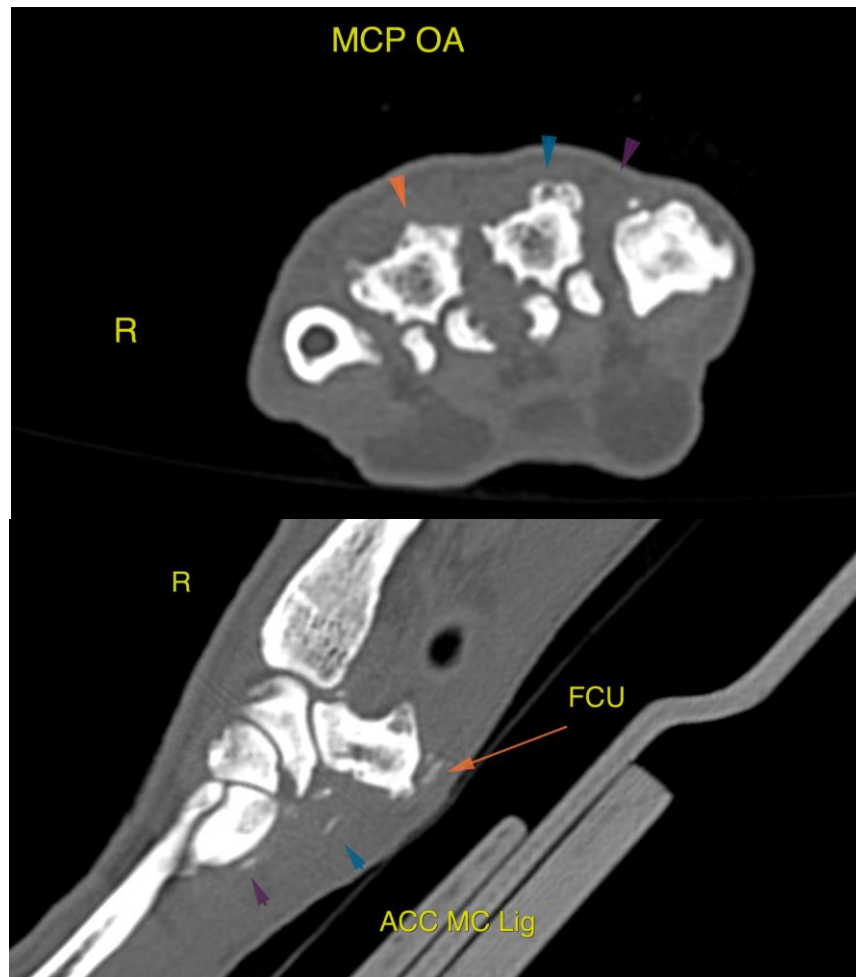
**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Multiple potential sources of lameness are identified in the right front limb. The metacarpophalangeal joint osteoarthritis appears to be significant and may lead to recurring lameness especially when walking on hard ground.

The interdigital soft tissue swelling is likely to represent cellulitis. Acute injury with hematoma and emerging neoplasia cannot be ruled out entirely but are thought less likely. Correlate with the clinical findings.

Note the presence of chronic tendinopathy of the flexor carpi ulnaris and desmopathy of the accessory metacarpal ligament.

The minimal changes in the right elbow are of rather uncertain clinical significance.





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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.

**SPECIES**

Canine

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