



**PATIENT**

Shanti Conquit

**PRESENTING CLINICAL SIGNS**

Patient presented in February with acute onset left front limb lameness. Radiographs raised concerns of incomplete ossification of the humeral condyle. Lameness resolved with rest however recurred 2 weeks ago, now resolved again.  
Abnormal PE/Chem/CBC/UA Results: Not applicable

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS – SHOULDERS TO FRONT PAWS**

Plain study in soft tissue and bone windows available for review.

**BREED**

Cavalier King Charles Spaniel

**COMPUTED TOMOGRAPHIC FINDINGS**

**Elbows**

Incomplete fusion of the left lateral and medial humeral condyles is seen with hypoattenuating zones in the caudal and cranial aspect of the intercondylar fusion area which are surrounded by deep condylar sclerosis. A mild amount of periarticular osteophytes is present. The medial coronoid process is ill-defined with reduced attenuation and reduced trabecular bone pattern.

**SEX**

MN

The fusion between the lateral and humeral condyles appears to be complete in the right elbow. Nevertheless, ill-defined outline and reduced attenuation of the medial coronoid process are seen here as well as mild periarticular bone remodeling.

**AGE**

2 Years

**Shoulders**

The shoulders present within normal limits. No evidence of osteochondritis, osteoarthritis, traumatic osseous injury is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**Carpi**

The carpal joints present within normal limits in both front limbs. There is no evidence of articular swelling, new bone formation, or bone loss.

**HOSPITAL NAME**

Colyton Veterinary Hospital

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Incomplete fusion of the humeral condyles in the left elbow.
- Bilateral medial coronoid pathology.
- Mild osteoarthritis of the left elbow.
- Early degenerative joint disease of the right elbow.

**REFERRING VET**

Dalton Nguyen

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

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The CT study confirms presence of incomplete fusion of the lateral and medial condyles in the left elbow with small defects in the intercondylar zone which appear to extend into the distal articular subchondral bone surface of the humerus. Moreover, deformity of both medial coronoid processes is seen without obvious fragmentation or fissure lines. Clinical significance is uncertain. However, the changes may reflect microfractures/fissures or osteomalacia.

**DATE**

10-31-22



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**AGE**

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**REFERRING VET**

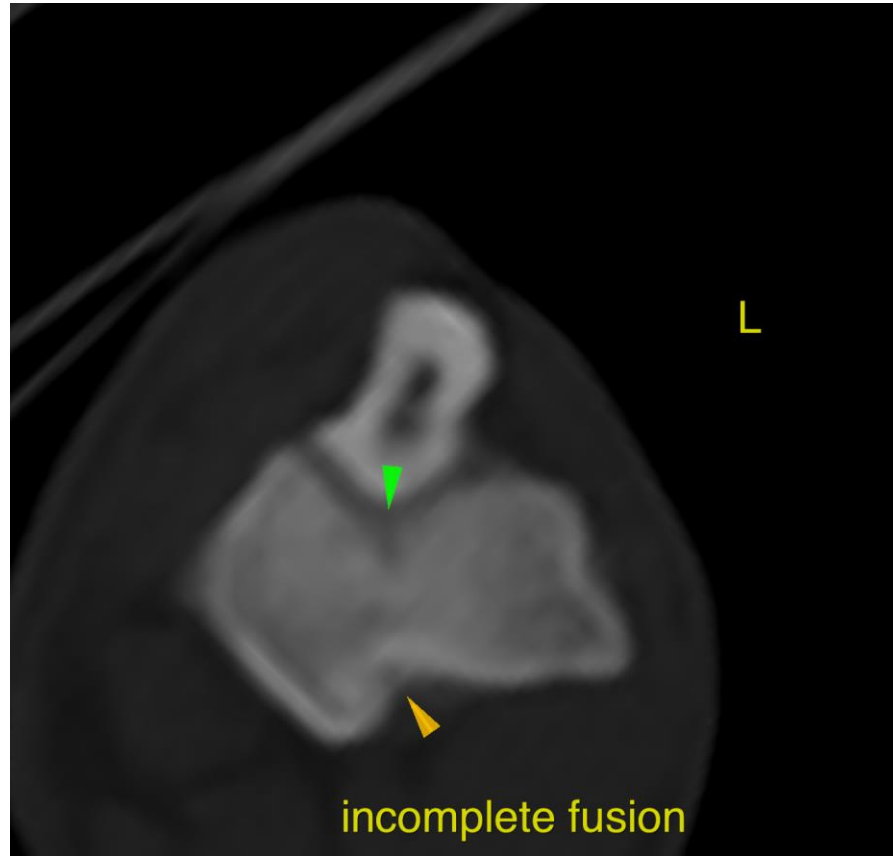
Dalton Nguyen

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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.

**Nele Eley, DVM, Dr. med. vet., DipECVDI**  
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