



**PATIENT PRESENTING CLINICAL SIGNS**

**Odin Oneill** DX UAP 24weeks - Prox ulnar osteotomy performed (bidirectional dynamic) - union confirmed as 6week post op radiographs acute lameness 2 weeks ago RF  
Abnormal PE/Chem/CBC/UA Results: not performed

**SPECIES COMPUTED TOMOGRAPHY OF THE FRONT LIMBS**

**Canine** A plain CT study of the front limbs in a bone and soft tissue reconstruction is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** Both shoulder joints present smooth osseous margins and the surrounding soft tissue structures are within normal limits.  
**GSD**

The volume of the right brachial musculature is mildly decreased.

**SEX** The periarticular bones of the right elbow joint present moderate osteophyte new bone formation. The anconeal process of the right elbow joint is separated from the ulna and mildly angulated proximally. The medial coronoid process of the right elbow joint is misshapen. An isolated mineralized body is seen at the medial aspect of the base of the medial coronoid process, measuring <2 mm in size. A radio-ulnar step formation, measuring 3.3 mm is appreciated, due to shortened ulna. Osseous remodeling of the proximal third of the diaphysis of the right ulna is seen, presenting with oblique sclerotic lines.  
**MN**

**AGE**

3

The periarticular bones of the left elbow joint are smooth and the medial coronoid process is well-defined and has a homogeneous density.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The osseous and soft tissue structures of the carpal joints and the front paws are within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**HOSPITAL NAME**

Advanced Veterinary  
Imaging

- Ununited anconeal process right elbow joint
- Suspect coronoid disease right elbow joint
- Significant radio-ulnar-step formation right elbow joint
- History of right sided bioblique proximal ulna osteotomy – osteotomy is in the remodeling phase
- Disuse atrophy right brachial musculature
- Normal left elbow joint
- Normal shoulder joints bilaterally
- Normal carpal joints

**REFERRING VET**

Eamon

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

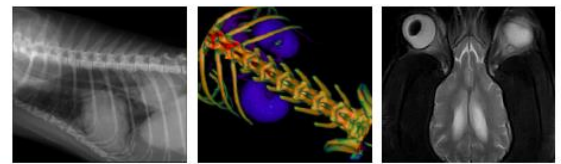
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The CT study is consistent with the history of an ununited anconeal process of the right elbow joint and potential accompanying pathology of the medial coronoid process. Acute on chronic insult may have caused acute onset of the clinical signs. Arthroscopy/arthrotomy to remove the loose anconeal process and evaluation of the medial coronoid process is considered as the therapy of choice.

**DATE**

12-29-22



**PATIENT**

Odin Oneill

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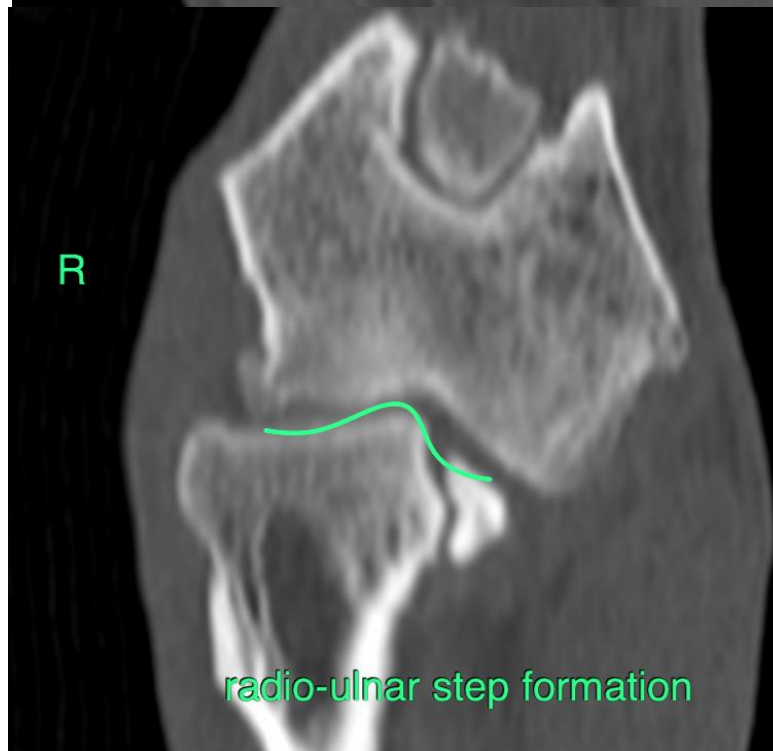
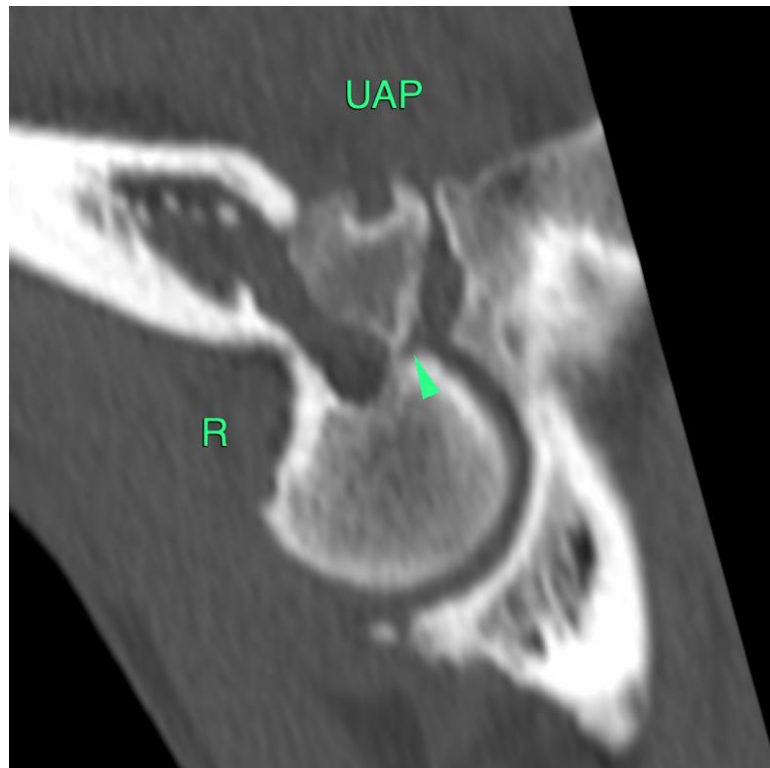
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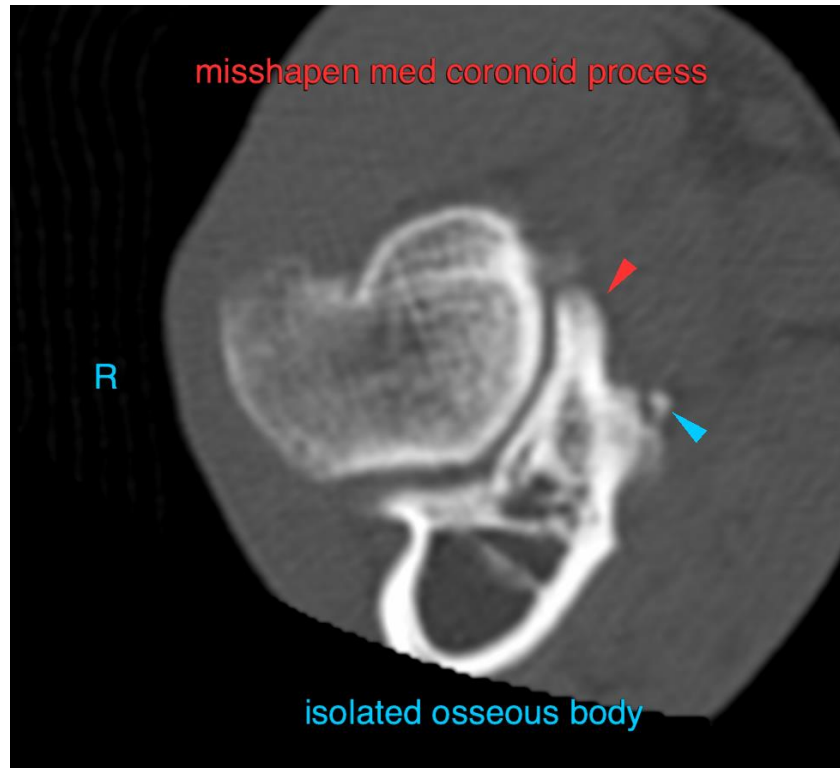
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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