



**PATIENT PRESENTING CLINICAL SIGNS**

**Cody Filz** P was referred from regular vet for chronic hx of bilateral forelimb lameness and elbo dysplasia with arthritic changes on rads  
**Abnormal PE/Chem/CBC/UA Results:** Bilateral elbow thickening, reduced ROM and crepitus on palpation

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE RIGHT AND LEFT THORACIC LIMBS**

**BREED**

Six CT series of the thoracic limbs, acquired prior to and following intravenous administration of the contrast media, are provided for review.

**GSD**

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

MN

**Right Thoracic Limb**

The medial coronoid process is irregular, sclerotic, with small irregular mineral structure attached, that could be a large adjacent osteophyte and/or fragmentation.

**AGE**

6 Years

The anconeal process is deformed, misshaped, sclerotic, with irregular borders, and adjacent osteophytes.

There is subchondral bone sclerosis along the trochlear notch of the ulna and radial incisures, and adjacent osteophytes along the medial and lateral humeral epicondyles, as well as the cranial aspect of the radial head.

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

There is subchondral bone sclerosis along the medial humeral condyle, kissing lesion.

Dorsal and long-axis plane images show radioulnar incongruity, as well as humeroulnar and humeroradial subluxation.

Diffuse humeral bone osteopenia is noted.

**HOSPITAL NAME**

Petroglyph Animal Hospital

There is moderate swelling of the soft tissue adjacent to the elbow joint.

The collimated shoulder joint is unremarkable.

**Left Thoracic Limb**

**REFERRING VET**

Kariana Atkinson

The medial coronoid process is irregular, sclerotic, and misshaped, associated to an adjacent osteophyte.

The anconeal process is deformed, misshaped, sclerotic, with irregular borders.

**INVOICE**

59058

There is subchondral bone sclerosis along the trochlear notch of the ulna and radial incisures, and adjacent osteophytes along the medial and lateral humeral epicondyles, as well as the cranial aspect of the radial head.

**DATE**

6-27-23

Large irregular mineral structures are noted, contiguous to the medial and lateral humeral epicondyles, large osteophytes and osteochondromas.



**PATIENT**

Cody Filz

There is subchondral bone sclerosis along the medial humeral condyle, kissing lesion.

Dorsal and long-axis plane images show radioulnar incongruency, as well as humeroulnar and humeroradial subluxation.

**SPECIES**

Canine

Diffuse humeral bone osteopenia is noted.

There is mild swelling of the soft tissue adjacent to the elbow joint.

**BREED**

GSD

The collimated shoulder joint is unremarkable.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

SEX

MN

AGE

6 Years

- Bilateral fragmentation and subluxation of the medial coronoid process with severe secondary osteoarthritis.
- Bilateral misshaped, irregular, and sclerotic anconeal process. These changes could be due to a severe instability in these joints or correlated to a concurrent ununited anconeal process. However, the specific fragments are not seen\*
- Bilateral, elbow joint swelling, more right.
- Bilateral diffuse humeral osteopenia, disuse.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The tomographic findings are correlated with the clinical signs of chronic lameness in the thoracic limbs, and the cause is correlated to the elbow dysplasia and severe secondary osteoarthritis.

\* The anconeal fragments could be reabsorbed or some technical factors for the position and quality of the images could be influenced in this categorization.

A combination treatment option to reduce the pain and for better comfort could be implemented.

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**HOSPITAL NAME**

Petroglyph Animal Hospital

**REFERRING VET**

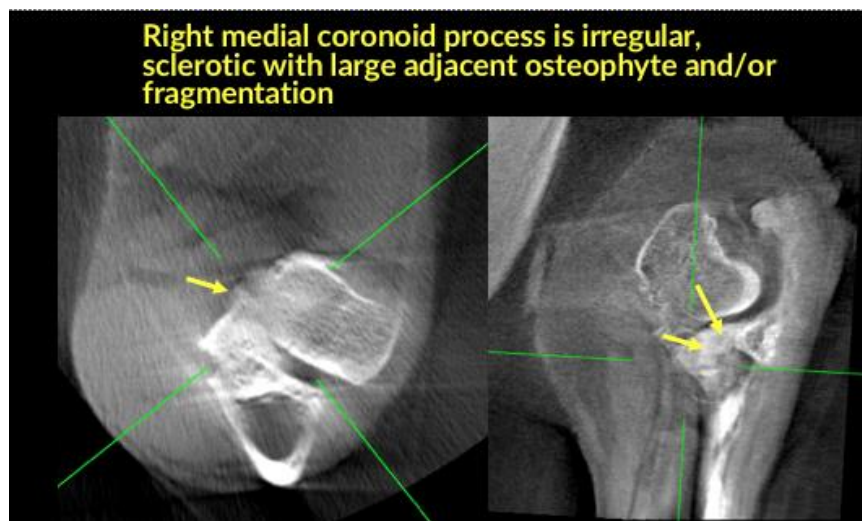
Kariana Atkinson

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**PATIENT**

Cody Filz

**SPECIES**

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**BREED**

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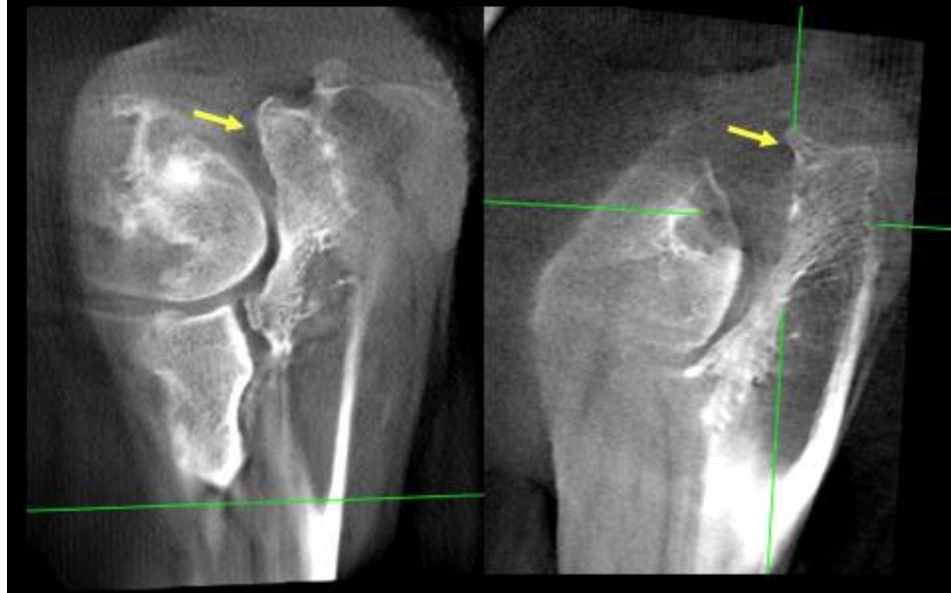
**SEX**

MN

**AGE**

6 Years

**Right misshaped, sclerotic anconeal process adjacent osteophytes.**



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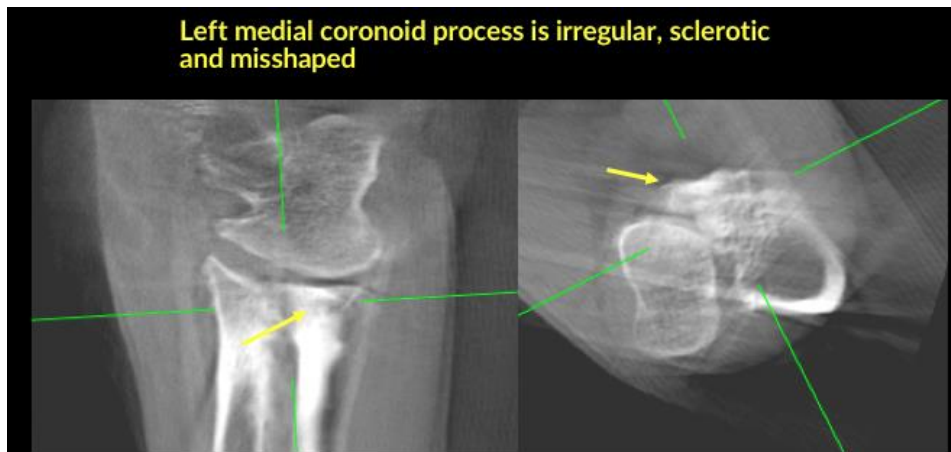
**HOSPITAL NAME**

Petroglyph Animal  
Hospital

**REFERRING VET**

Kariana Atkinson

**Left medial coronoid process is irregular, sclerotic and misshaped**



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**PATIENT**

Cody Filz

**SPECIES**

Canine

**BREED**

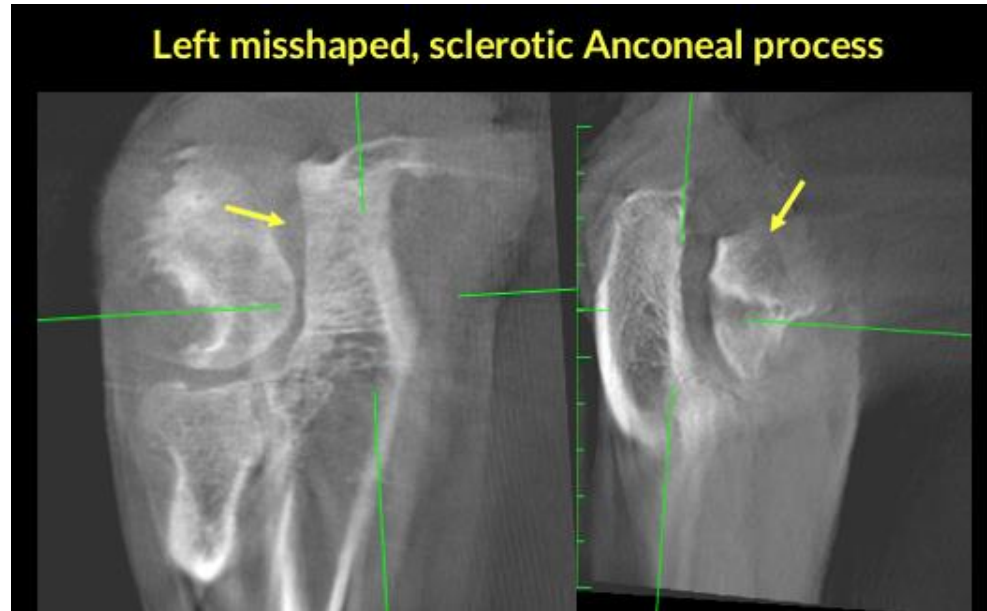
GSD

**SEX**

MN

**AGE**

6 Years



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.

**INTERPRETED BY**

Tilde Rodrigues Froes,  
DMV, MSc., Dr. Med  
Vet., Dipl. CBraRVet

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.

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet**  
info@sonopath.com

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