



PATIENT

Shelby Costello

PRESENTING CLINICAL SIGNS

1.5 years ago hiking with the owner and some one stepped on the LF foot and has been intermittent limping since. Owner states she limps more first thing in the morning. takes soloquin and vitamins.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE THORAX, LEFT FRONT LIMB, AND NECK

A high resolution pre- and post-contrast CT study of the left front limb, thorax and neck are provided for review.

BREED

Pitbull Mix

COMPUTED TOMOGRAPHIC FINDINGS

Left front limb

SEX

FS

Very mild exostosis formation is seen in the distal aspect of the intertubercular groove of the humerus.

The periarticular bones of the left front limb present mild osteophyte new bone formation. The tip of the medial coronoid process presents irregular margins and a mild hook shaped conformation.

AGE

3 Years, 7 Months

The osseous structures of the carpal joint have smooth osseous margins and the surrounding soft tissue structures are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVCI

Neck & Thorax

The bony and surrounding soft tissue structures are within normal limits.

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular are within normal limits. Multifocal mild mineralization of the pulmonary arteries – most accentuated of the caudal lung lobes is present.

REFERRING VET

Dr. Fugazzi

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

INVOICE

49691

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

1-19-22

- Coronoid pathology left elbow joint
- Mild degenerative osteoarthritis left elbow joint
- Very mild exostosis formation intertubercular groove humeri bilaterally
- Multifocal mild dystrophic mineralization of the pulmonary arteries



PATIENT • Structural normal cervical & thoracic spine

Shelby Costello

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The findings are consistent with mild chronic degenerative joint disease of the left elbow joint due to pathology of the medial coronoid process – no isolated osseous fragment is appreciated, but a non-vital tip is a consideration here. Check if pain can be elicited by manipulation & pressure on the medial compartment of the left elbow joint. If clinical examination is supporting the diagnosis, arthroscopy can be used to revise the elbow joint and remove potential fragments of the medial coronoid process.

BREED

Pitbull Mix

The mild exostosis formation in the intertubercular groove of the humeri bilaterally can indicate pathology of the bicipital tendon – ultrasound might be used as an advanced imaging modality for evaluation of the bicipital tendon.

SEX

FS

The mineralizations of the pulmonary arteries can be caused by preceding or ongoing parasitic infection, such as *Angiostrongylus* or *Dirofilaria*. Testing for potential infection following the guidelines of the “American Heartworm Society” <https://www.heartwormsociety.org> is recommended and complete workup may be complemented by a cardiac echo.

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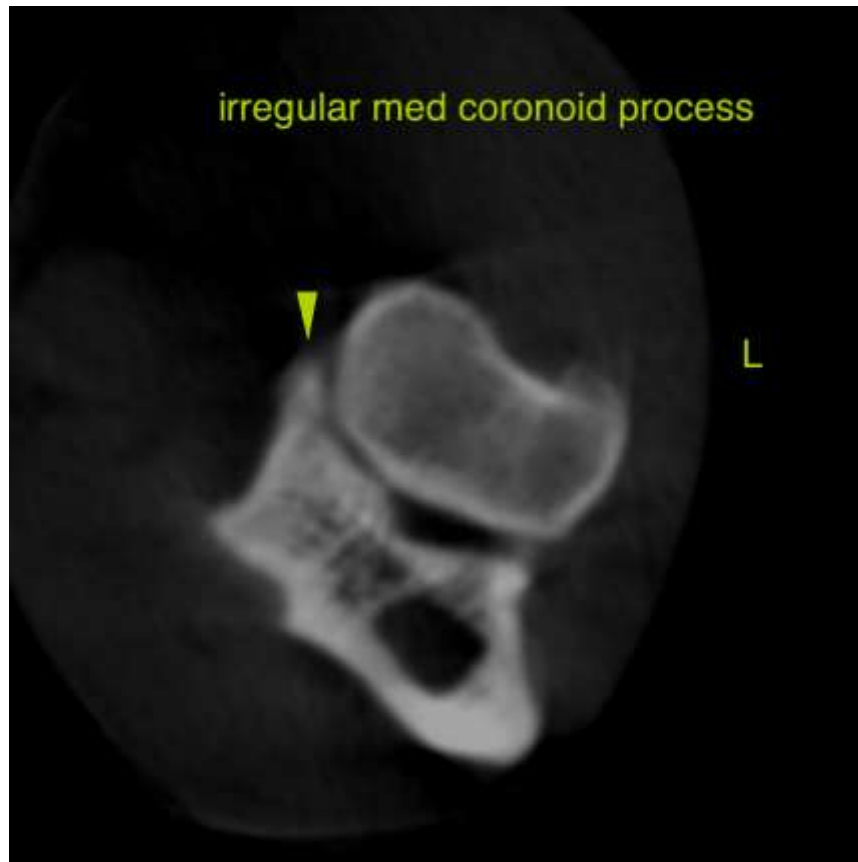
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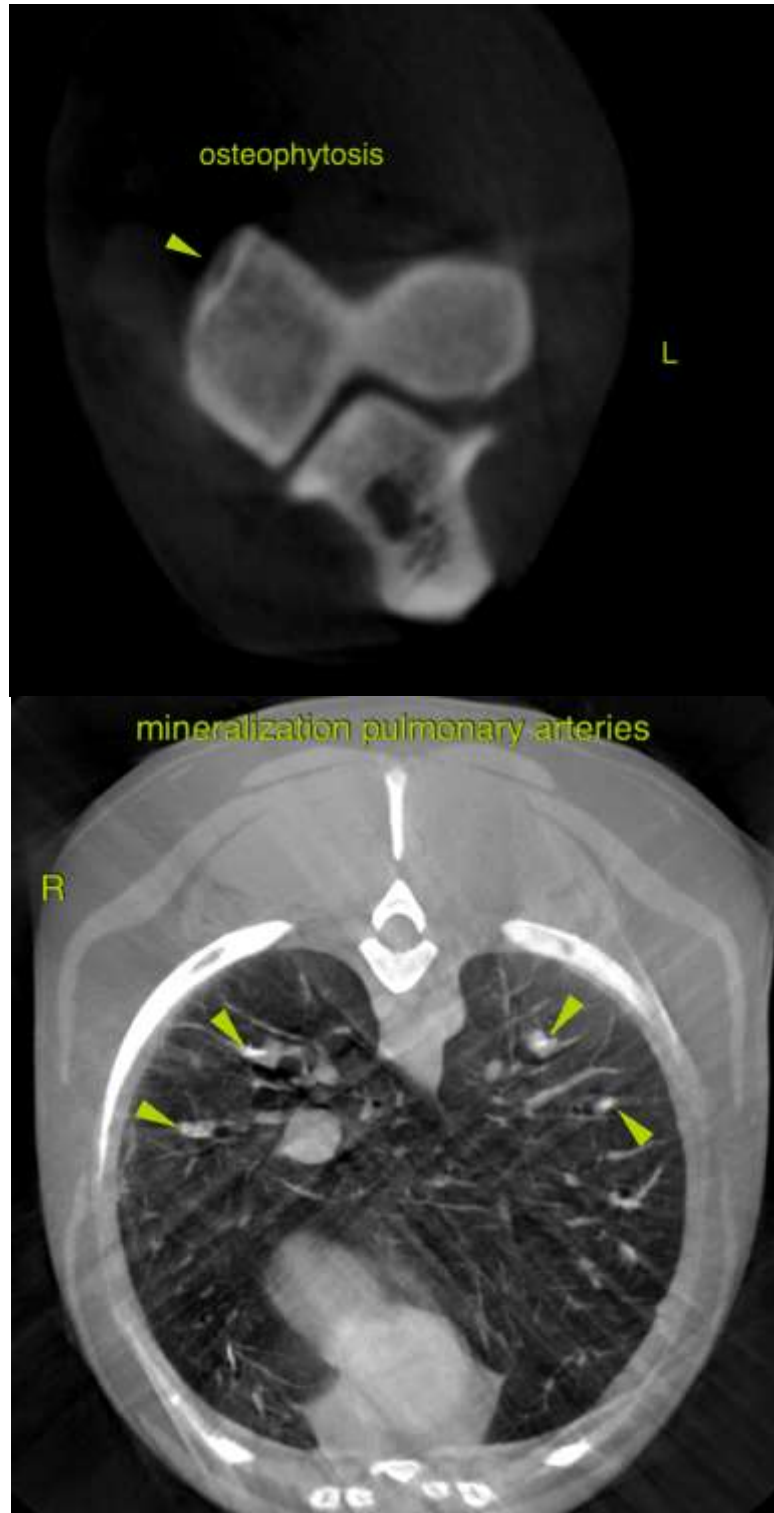
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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