



PATIENT

Shelby Tschoke

PRESENTING CLINICAL SIGNS

Occult RFL lameness since July

COMPUTED TOMOGRAPHY OF THE THORAX AND FRONT LIMBS

SPECIES

Canine

A high resolution plain CT study of the thorax including the neck and the front limbs is provided for review.

BREED

Bouvier Des Flandres

COMPUTED TOMOGRAPHIC FINDINGS

The osseous and soft tissue structures of the neck are within normal limits.

The periarticular bones of both shoulder joints present mild osteophyte new bone formation. Mild exostosis formation is seen in the bicipital groove of the humerus bilaterally, L>R.

The right olecranon, distal to the olecranon tuber presents an ill-defined zone with permeative osteolytic lesions and perforation of the cortex medially and laterally.

SEX

FS

The periarticular bones of both elbow joints present mild osteophyte new bone formation. The tip of the medial coronoid process of both elbow joints is mildly irregular and has a mild irregular density.

AGE

10 Years

The osseous and soft tissue structures of the antebrachium and the carpal joints bilaterally present without abnormalities.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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 structures including the pulmonary vasculature are within normal limits.

HOSPITAL NAME

Animal Surgical
Center

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, but small regions of dystelectasis of the cranioventral aspects of the lung.

REFERRING VET

Shirley Animal
Hospital

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic lesion right olecranon/proximal ulna
- Mild degenerative osteoarthritis shoulder joints bilaterally with exostosis formation of the bicipital groove bilaterally
- Evidence of coronoid disease with secondary mild degenerative osteoarthritis of the elbow joints
- Regions with dystelectasis of the lung parenchyma, due to general anesthesia
- No evidence of pulmonary metastatic disease

INVOICE

54771

DATE

10-24-22



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The osteolytic lesion of the right olecranon is compatible either with primary osseous neoplasia (e.g. osteosarcoma, chondrosarcoma, fibrosarcoma, round cell tumor) or due to the unusual position osseous metastasis. Theoretically mycotic osteomyelitis is a potential. Recommend FNA sampling ± bone biopsy of the right olecranon as well as screening for possible primary neoplasm in a different location.





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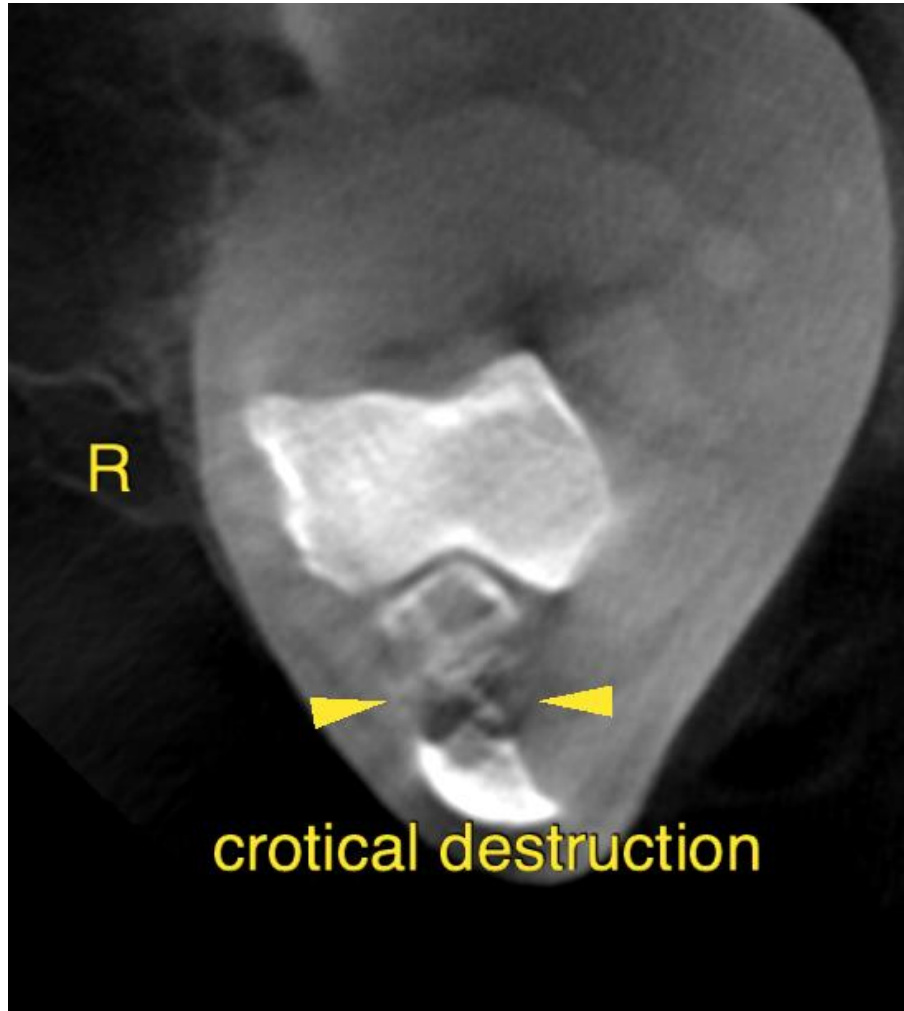
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
sebast.schaub@gmail.com