



PATIENT PRESENTING CLINICAL SIGNS

Reid Koch Left front intermittent lameness, improved for 1 week following acupuncture. Radiographs showed mild haziness around left elbow but no obvious lytic or proliferative lesion. Nodule in right lung field on radiograph.

SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND FRONT LIMBS

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED
DSH Both shoulder joints present moderate osteophyte new bone formation and small mineralizations along the joint capsule are appreciated.

The osseous margins of the pictured aspects of the elbow joints are smooth. A well-defined linear mineralized body is seen level with the joint capsule proximal to the anconeal process of the right elbow joint.

SEX

Male Neutered The distal aspects of both front limbs present without abnormalities.

AGE

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

The cardiovascular structures including the pulmonary vasculature are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The dorsal aspects of the right cranial lung lobe and right caudal lung lobe present consolidated parenchymal regions with air-bronchograms and a moderately decreased volume. Multiple interstitial bands are extending from the periphery into the lung parenchyma. The caudal part of the left cranial lung lobe presents consolidation of multiple peripheral bronchial segments with interspersed granular mineralization.

HOSPITAL NAME

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Clinic

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Engleschall

- Thickened interstitial bands in all lung lobes
- Segmental bronchial obstruction and broncholithiasis caudal part left cranial lung lobe
- Moderate degenerative osteoarthritis shoulder joints bilaterally + mild synovial osteochondromatosis
- Mild synovial osteochondromatosis right elbow joint

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

51974

The pulmonary changes are compatible with inflammatory lower airway disease with mild interstitial pulmonary scarring and bronchial plugging and broncholithiasis. Theoretically bronchogenic carcinoma can present with bronchial plugging and mineralization of the bronchial tree as well, but the odds are considered low.

DATE

5-6-22

The degenerative changes of the shoulder joint might be a source for pain – acute on chronic pathology might be present.



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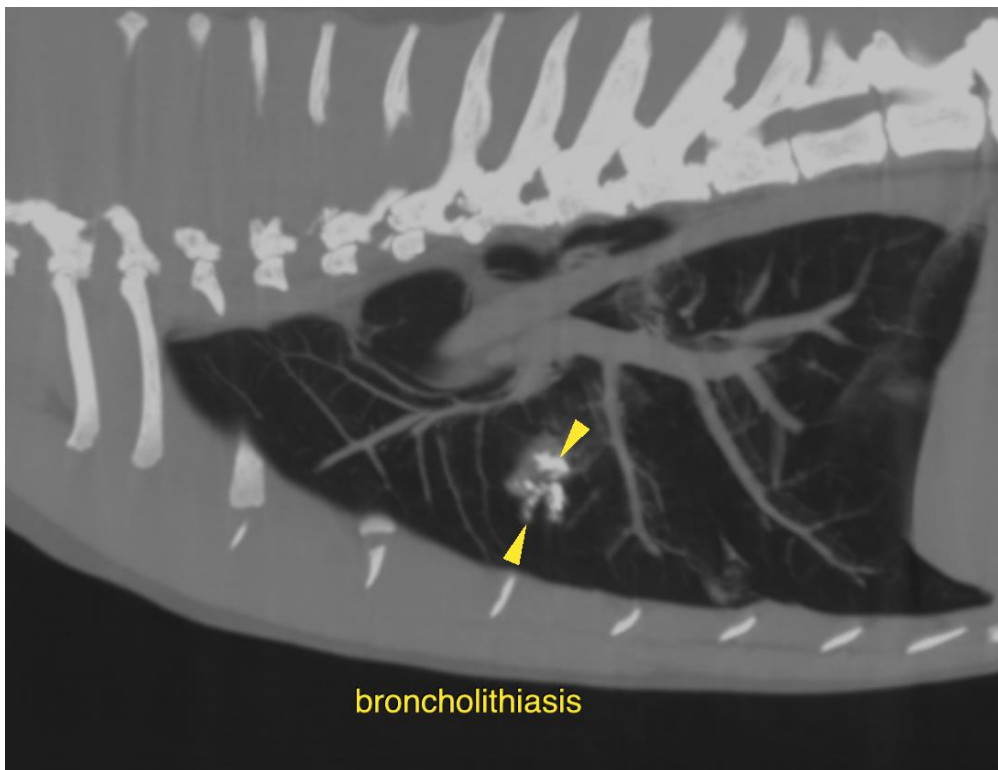
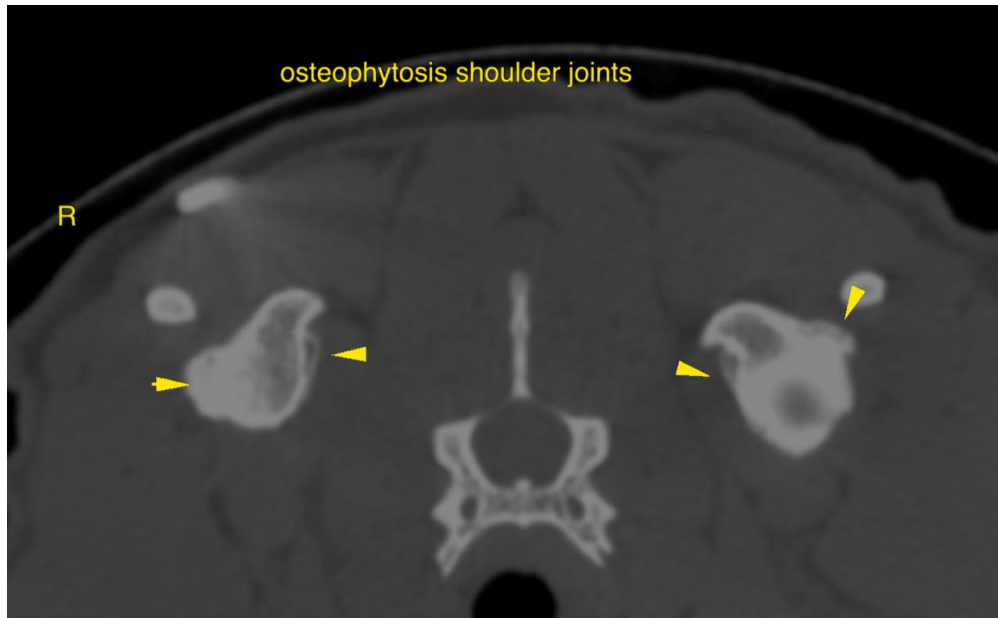
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SPECIES

Canine

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.

BREED

DSH

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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Male Neutered

AGE

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