



PATIENT

Dookie De Caries

PRESENTING CLINICAL SIGNS

Limping in Sept 2021 for about 1.5 weeks. Was playing and her leg gave out. X-rays of right hindlimb revealed marked decalcification at distal femur. Thorax x-rays - mild increase in tracheo bronchiolar lymph node size, mild small tiny metastasis. Owners opted for no right hindlimb amputation. Abnormalities suspected of left elbow on exam CT performed of thorax, abdomen and left elbow (requested by Dr. Biskup

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE THORAX, LEFT FRONT LIMB AND ABDOMEN

BREED

Cane Corso

A pre- and post-contrast CT study of the thorax, left front limb and abdomen in a soft tissue, lung and soft tissue reconstruction are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Thorax

FS

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

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 and contrast enhancement pattern is uniform and considered within normal limits.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Animal Health
Partners

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

Left front limb

REFERRING VET

Dr. Jeffery Biskup

The periarticular bones of the left elbow joint present marked osteophyte new bone formation. The anconeal process is not appreciated and an isolated mineralized body, presenting an irregular conformation, is seen proximal to the base of the anconeal process. The isolated mineralized body is measuring 1.5 x 1.5 x 2.0 cm in size., impinging the humerus level with and proximal to the supratrochlear foramen and a large region of pressure atrophy of the humerus at the same level is seen, walled off by an irregular sclerotic rim. Post contrast administration, a marked thickening of the synovial lining of the left elbow joint is visible, extending into the defect of the humerus, as well as mild to moderate intracapsular soft tissue swelling.

INVOICE

48713

Abdomen

DATE

12-1-21

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast



PATIENT administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

Dookie De Carias The adrenal glands are within normal limits for size, shape and organ architecture.

SPECIES The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Canine In the dorsal aspect of one of the left liver lobes, a pre- and post- contrast well-defined, roundish parenchymal filling defect is visible.

BREED The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

Cane Corso The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

SEX Both coxofemoral joints present mild osteophyte new bone formation.

FS

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Marked thickening synovial lining left elbow joint with monostotic semi-aggressive osteolytic lesions of the right elbow joint and advanced osteophyte new bone formation
- Solitary hepatic cyst
- Mild degenerative osteoarthritis coxofemoral joints bilaterally
- Normal thorax, no evidence of pulmonary metastatic disease

8 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes seen are most concerning for articular neoplasia such as synovial cell carcinoma, chondrosarcoma or round cell tumor with secondary lysis and dystrophic mineralization. Although the degree of potential lysis is unusual, an isolated anconeal process causing pressure erosion and advanced degenerative joint disease of the left elbow joint is a differential and I would consider the odds equal. Recommend FNA sampling and biopsy for further workup and decision making of potential palliative treatment options -e.g. removal of the osseous fragment in case of ununited anconeal process.

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Jeffery Biskup

No additional clinically relevant pathology is appreciated.

INVOICE

48713

DATE

12-1-21



PATIENT

Dookie De Caries

SPECIES

Canine

BREED

Cane Corso

SEX

FS

AGE

8 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

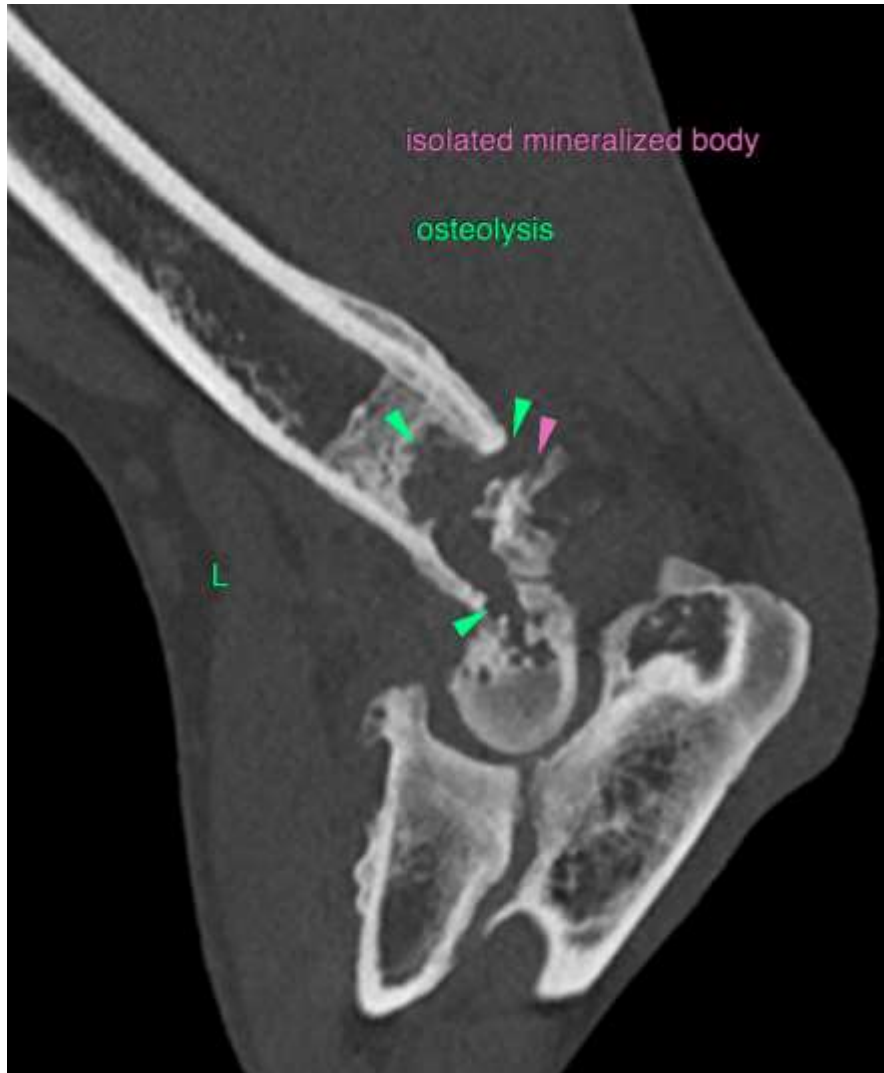
Dr. Jeffery Biskup

INVOICE

48713

DATE

12-1-21



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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com