



PATIENT

PRESENTING CLINICAL SIGNS

Simba Balachandran

Pain on extension and flexion of right carpus, pain on flexion of elbow, pain on palpation of biceps tendon insertion, pain on right elbow range of motion, pain on right shoulder range of motion, pain on palpation of right cranial scapula. Severe muscle atrophy of whole right thoracic limb pelvic limbs: No pain on digital or hock palpation/range of motion. No instability, creptius, or effusion of stifle. No laxity of patella. Pain bilaterally on hip range of motion or abduction.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE FRONT LIMBS

A plain CT study of the front limbs in a bone and soft tissue reconstruction is provided for review.

BREED

German Shepherd

COMPUTED TOMOGRAPHIC FINDINGS

The volume of the musculature of the right front limb is significantly decreased and the osseous structures of the right front limb present a generalized moderate decreased density.

SEX

The nerval structures of the brachial plexus bilaterally appear normal.

MN

The periarticular bones of the right shoulder joint present moderate osteophyte new bone formation and multiple shell like mineralization along the joint capsule. Significant exostosis formation is seen along the bicipital tendon, encompassing the bicipital tendon.

AGE

8

The periarticular bones of the left shoulder joint present moderate osteophyte new bone formation. In the subcutaneous tissue at the caudal aspect of the olecranon the bursa is significantly distended.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both elbow joints present mild osteophyte new bone formation. The medial coronoid process of the elbow joints is well-defined but very mild osteophyte formation.

The carpal joints bilaterally present without abnormalities of the osseous structures.

HOSPITAL NAME

Animal Health
Partners

At the lateropalmar aspect of the left carpal joint, distal to the accessory carpal bone a focal moderate soft tissue swelling is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Jeffery Biskup

- Advanced degenerative osteoarthritis right shoulder joint with marked exostosis formation in the bicipital groove of the humerus encompassing the bicipital tendon
- Moderate degenerative osteoarthritis left shoulder joint
- Focal soft tissue swelling lateropalmar aspect left carpal joint
- Marked muscle atrophy right front limb
- Hygroma left olecranon bursa
- Disuse atrophy of the osseous structures right front limb
- Mild degenerative osteoarthritis elbow joints bilaterally

INVOICE

56550

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

2-2-23

There is significant muscle atrophy and osteopenia of the right front limb and the main CT finding is the exostosis formation in the bicipital groove of the right shoulder joint impinging the bicipital tendon and advanced degenerative osteoarthritis of the right shoulder joint. Although the significant muscle atrophy would be concerning to be neurogenic in origin, no abnormalities of the spinal nerves can be appreciated, and the bone and muscle atrophy is considered as a sequela to long standing orthopedic disease. Ultrasound can be used for evaluation of the right bicipital



PATIENT

Simba Balachandran

tendon. If clinically the origin of the pain can be localized to the right shoulder joint, tenotomy of the bicipital tendon might be beneficial.

SPECIES

Canine

The soft tissue swelling at the palmar aspect of the left carpal joint can be inflammatory or less likely neoplastic in origin – correlate with clinical findings. FNA sampling can be performed for further workup.

BREED

German Shepherd

SEX

MN

AGE

8

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

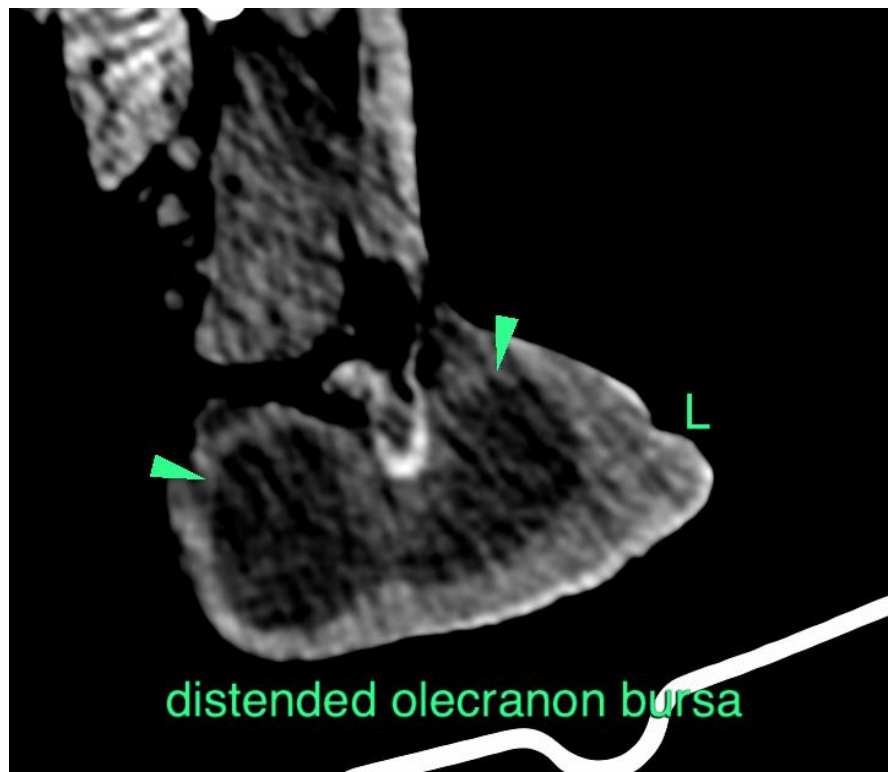
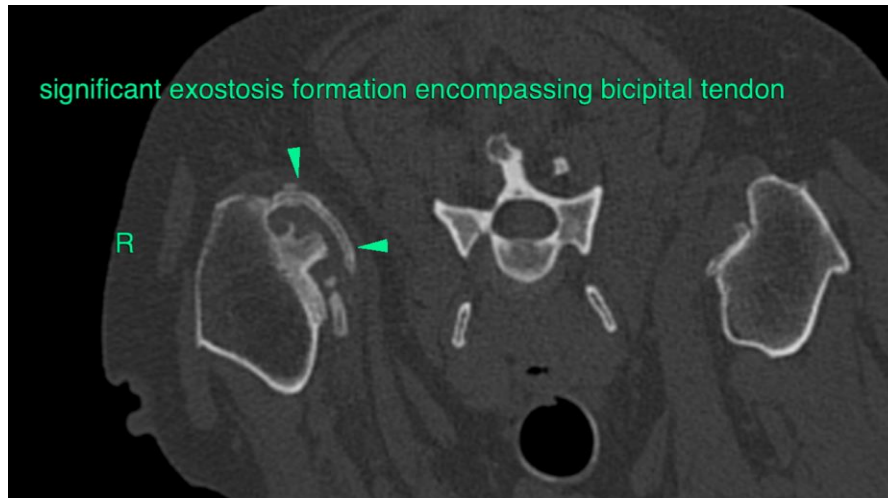
Dr. Jeffery Biskup

INVOICE

56550

DATE

2-2-23





PATIENT

Simba Balachandran

SPECIES

Canine

BREED

German Shepherd

SEX

MN

AGE

8

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

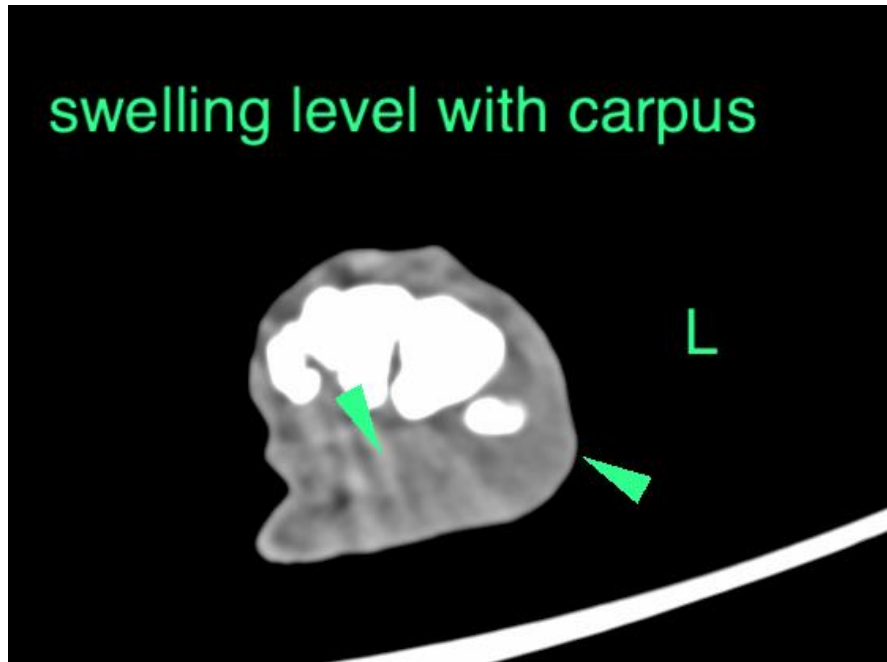
Dr. Jeffery Biskup

INVOICE

56550

DATE

2-2-23



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