



PATIENT

Petra Massart

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed Female

AGE

7

WEIGHT

32.4 kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Lucy Thornhill

HOSPITAL NAME

Bridgwater VH & WC

REFERRING VET

Dr. Pushpinder Mander

INVOICE

35640

DATE

1/30/26

PRESENTING CLINICAL SIGNS

- Limping on the right front leg since end of December. Owner had accidentally stepped on the RFL.
- Abnormal PE/Chem/CBC/UA Results: Low normal ALKP 19U/L. On physical exam, decreased weight bearing on RFL, head bob present. Also noted soft nodular swelling in the thorax while radiographing the shoulder joint.

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND FRONT LIMBS

A high resolution pre- and post-contrast CT study of the thorax and front limbs is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

The vertebral endplates T5/T6 present mild spondylosis formation.

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.

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.

The esophagus is generalized mild to moderately distended by gas.

Front Limbs

The periarticular bones of both shoulder joints present mild to moderate osteophyte new bone formation.

The elbow joints present smooth margins of the periarticular bones. The medial coronoid process of both elbow joints is well-defined and has a homogeneous density.

The antebrachium bilaterally presents no abnormalities of the osseous and surrounding soft tissue structures.

Along the dorsal aspect of the carpus bilaterally, mild osteophyte new bone formation is seen.

The periarticular bones of the metacarpophalangeal joint of the first phalanx presents moderate osteophyte new bone formation. The remainder of the osseous and surrounding soft tissue structures of the front paws are within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Osteoarthritis shoulder joint bilaterally
- Very mild osteoarthritis carpus bilaterally



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- Osteoarthritis metacarpophalangeal joint first digit bilaterally
- Spondylosis deformans T5/T6
- No evidence of pulmonary metastatic disease

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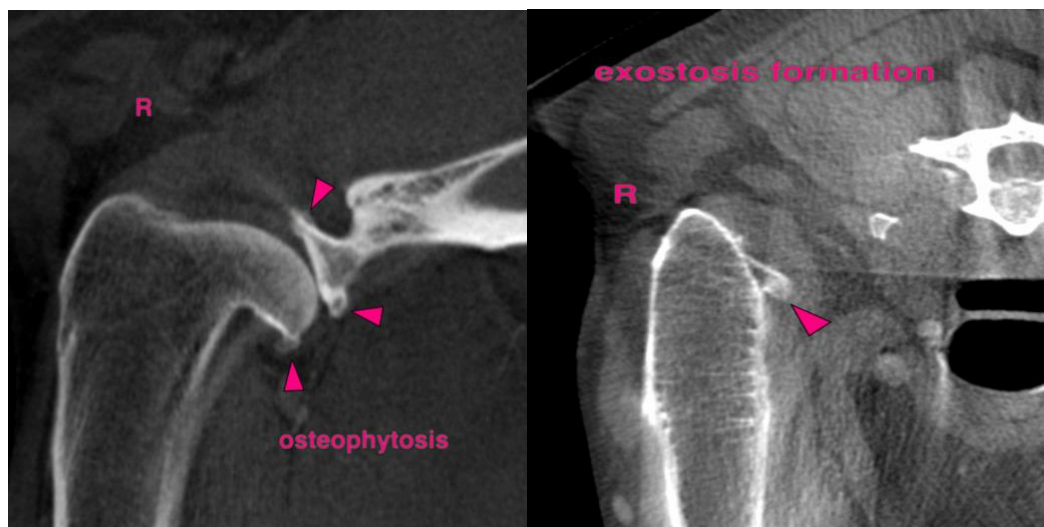
DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most accentuated finding is the degenerative joint disease of both shoulder joints that can be indicative for underlying pathology of the bicipital tendon or rotator cuff injury. An ultrasound examination of the shoulder joints can be used as advanced imaging modality.

No additional clinically relevant abnormalities are appreciated.



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, DVM, Dr. med. vet. DipECVDI
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