

**PATIENT**

Koda Lowe

PRESENTING CLINICAL SIGNS

Attacked by another dog 4 weeks ago, limping since. on LF leg at scapulohumeral joint, very painful. Mild changes in cortex of bone - suspect osteosarcoma.
Abnormal PE/Chem/CBC/UA Results: Increased Eosinophils $1.65 \times 10^9/L$

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SHOULDER JOINTS

Plain studies of the left and right shoulder joints available for review.

BREED

Rotti X

COMPUTED TOMOGRAPHIC FINDINGSLeft Shoulder

The left scapular is not fully included, however, severe moth eaten osteolysis of the distal left scapular is seen with long and indistinct transition zones to the unaffected bone.

SEX

FS

There is peripheral subscapular and suprascapular soft tissue swelling with spiculated and amorphous periosteal new bone formation with random distribution throughout the subscapularis, infra- and supra- spinatus muscles.

AGE

11 Years

The lytic changes do not cross the joint.

The humerus appears to be unaffected.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The degree of osteolysis appears to be severe, however, no evidence of pathologic fracture is seen at this point.

Right Shoulder

Mild signs of degenerative joint disease are seen in the right shoulder joint.

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic lesion of the left scapular.
- Mild osteoarthritis of the right shoulder.

REFERRING VET

Dr. C. Nichol

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for primary neoplasia of bone of the left scapular with osteosarcoma or chondrosarcoma being by far most likely. Secondary neoplasia of bone and hematogenous osteomyelitis can never be ruled out entirely in theory, however, they are unfortunately considered by far less likely, especially in a dog of the pertinent age and breed. Final diagnosis would require sampling for histology which could be considered if the owners were interested in pursuing staging and palliative treatment.

INVOICE

47893

DATE

10-21-21



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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.

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