

**PATIENT PRESENTING CLINICAL SIGNS**

Stella Backer History: Right front grade 2 lameness. No response to rimadyl

RADIOGRAPHIC STUDY OF THE SHOULDERS AND FORE PAWS**SPECIES**

Canine

Shoulder

The proximal 6cm of the right humerus, including humeral head, show a marked loss of trabecular structure which causes in a patchy lucency. Slightly irregular periosteal reaction is located on the cranial and caudal cortex and appears to extend cranially to the distal third of the humerus. The central portion of the medulla appears also patchy. On one view a circular soft tissue opacity is superimposed onto the lesser tubercle.

BREED

Neopolitan Mastiff

A separate centre of ossification is present on the caudal glenoid of the scapula.

SEX

Spayed Female

The left shoulder is physiological.

Paws**AGE**

10 Years 3 Months

Cortical-medullary development and differentiation of the long bones are physiological. Sesamoid bones and joints are physiological.

RADIOGRAPHIC DIAGNOSIS**INTERPRETED BY**

Right shoulder

Heike Rudolf, DVM,
Dr. med. Vet.,
DipECVDI DVR

- Mono-ostotic osteolytic lesion
- Separate center of ossification caudal glenoid (incidental finding)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**HOSPITAL NAME**

Blairstown AH

The changes of the proximal humerus are compatible with a bone tumor, most likely osteosarcoma, but fibrosarcoma is a differential diagnosis. Thus, should treatment be considered, a sample should be obtained to allow treatment planning (e.g. radiotherapy). Chest imaging is necessary (the best imaging method is CT) and the lymph nodes should be checked for size and samples may have to be obtained. The soft tissue structure is most likely a superimposed skin nodule which should be sampled as well.

REFERRING VET

Dr. Lovell

INVOICE

15787

DATE

5/27/22



PATIENT

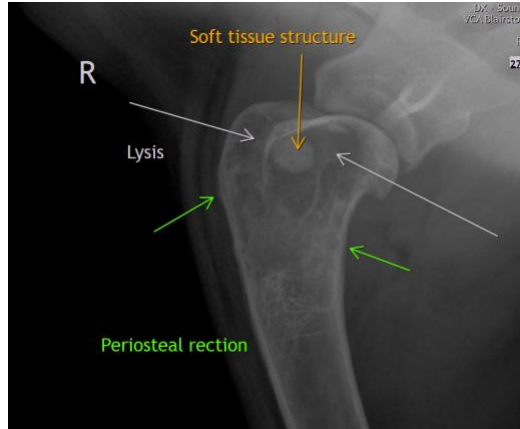
Stella Backer

SPECIES

Canine

BREED

Neapolitan Mastiff



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.

SEX

Spayed Female

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.

AGE

10 Years 3 Months

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