

**PATIENT**

Fergie Metzger

PRESENTING CLINICAL SIGNS

P has been intermittently limping for about 1 month. Received radiographs of hind legs at that time but not of Left Shoulder. Received Left Shoulder radiographs 10/26/21.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE LEFT SHOULDER

2 mediolateral views of the left shoulder available for review.

BREED

Greyhound

RADIOGRAPHIC FINDINGS

Reduced muscle volume of the left front limb is noted.

SEX

FS

There is a permeative aggressive osteolytic lesion within the left proximal humerus blending from the proximal metaphysis into the epiphysis and diaphysis. The transition zones are long and indistinct. Multifocal endosteal scalloping and cortical bone thinning is seen. There is a moderate amount of amorphous periosteal new bone. No articular lesion of the shoulder joint is seen.

AGE

6

RADIOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic lesion of the proximal left humerus.
- Disuse atrophy of the left front limb musculature.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings are highly suggestive for primary neoplasia of bone such as osteosarcoma. Chondrosarcoma, hemangiosarcoma, fibrosarcoma, and lymphosarcoma cannot be ruled out but are thought less likely. Theoretically, fungal osteomyelitis cannot be ruled out entirely should the patient have been to an endemic area. However, this is considered highly unlikely as a differential diagnosis, especially with the patient demographics. Bone biopsy could be considered to confirm the tentative diagnosis along with full staging if the owners are interested in pursuing palliative treatment.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

POCONO PEAK
VETERINARY
CENTER

REFERRING VET

Dr. Nicole Norris-
Carney

INVOICE

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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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