



PATIENT

Peyton Brecko

PRESENTING CLINICAL SIGNS

Started to limp about 10 days ago. Not sure how he did it. He did jump off the sons bed and that's when it seem to get worse. There seems to be a small bug bite on the outside of the leg and then there is a big lump on the inside of the leg. The bump on the inside of the leg has gotten bigger. Abnormal PE/Chem/CBC/UA Results: PE: Looked healthy just that lump on the inside of the left hind leg. NO RECENT LABS

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE PELVIS & STIFLES

BREED

Potcake

Lateral and ventrodorsal hip extended views of the pelvis and mediolateral and craniocaudal views of the right and left stifle joints totaling 5 images available for review.

SEX

Neutered

Pelvis

The lumbosacral junction presents within normal limits.

Severe bilateral canine hip dysplasia with severe secondary osteoarthritic changes is seen.

AGE

10 Years, 3 Months

Atrophy of the hind limb musculature appears to be present in both hind limbs. The degree of muscle atrophy is moderate in the right and severe in the left hind limb.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Stifles

Permeative aggressive osteolytic changes of the left proximal tibia are seen with a large amount of spiculated and amorphous periosteal new bone formation circumferential to the proximal left tibia. The fibula is spared. The transition zone to the unaffected bone in the left proximal tibia is long and indistinct.

HOSPITAL NAME

Elizabeth Animal
Hospital

A partially mineralized irregular shaped soft tissue mass is seen circumferential to the left proximal tibia accentuating the medial aspect. No evidence of concurrent articular swelling is seen.

The right stifle joint presents within normal limits.

REFERRING VET

Leon Anderson, DVM

The left and right popliteal lymph node appear to be symmetric in size and within normal limits.

RADIOGRAPHIC DIAGNOSIS

INVOICE

57503

- Monostotic aggressive osteolytic lesion of the left proximal tibia with expansile soft tissue mass.
- Severe atrophy of the left hind limb musculature.
- Severe bilateral canine hip dysplasia with secondary coxofemoral joint osteoarthritis.
- Moderate right hind limb muscle atrophy.

DATE

3-27-23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals a monostotic aggressive osteolytic lesion of the left proximal tibia compatible with primary neoplasia of bone such as osteosarcoma. Other neoplasia of bone and



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fungal osteomyelitis cannot be ruled out entirely as differential diagnoses but are thought by far less likely. Final diagnosis could be achieved by means of biopsy and histologic examination.

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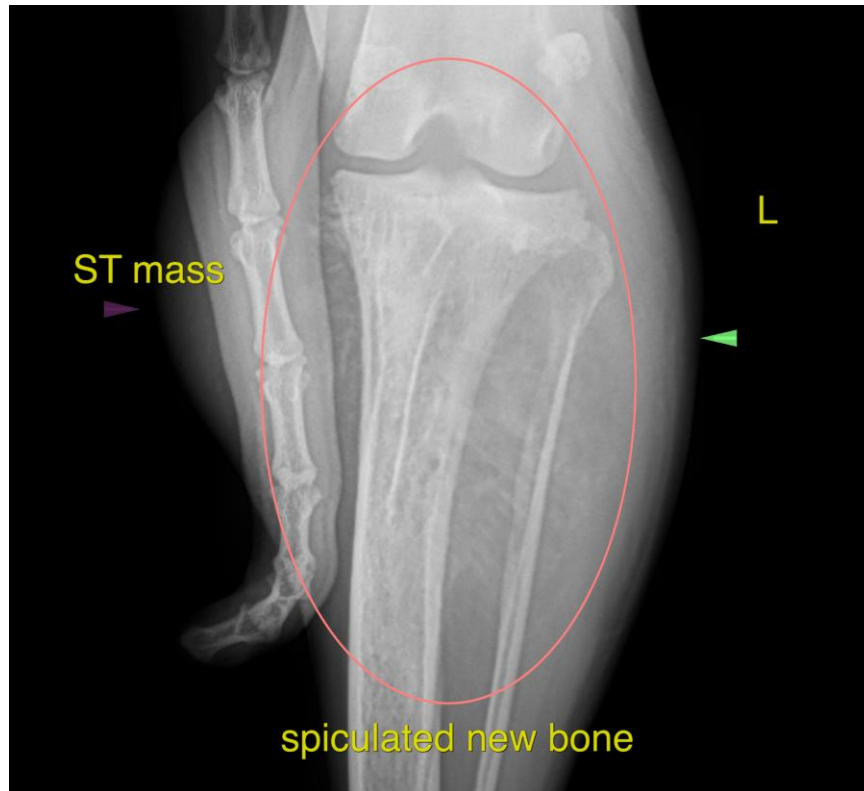
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

REFERRING VET

Leon Anderson, DVM

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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