



PATIENT

Shirley Shields

PRESENTING CLINICAL SIGNS

This is Dr. Burge with Neighborhood Pet Health Center. I have a case that I'm not sure exactly what is going on, and would appreciate some guidance or suggestions. Shirley, 8y F(S) Border Collie Mix that is 66lbs, originally presented to VEG for a mid-diaphyseal uncomplicated fracture of the right tibia. The owner elected for medical management at that time. Pt wore a splint for 2 months and then slowly returned to activity in May after an appropriate callus was appreciated radiographically. The owner says that the patient has been doing well since. 1 week ago, swelling at the fracture sight was seen. The owner says that the patient is limping intermittently now. Attached are the radiographs from May, and also today (8/22/22). If any surgeons are available to consult on this case, I would greatly appreciate it. I can be contacted at (817) 605-8888 at your earliest convenience. Thank you, Brandon Burge

SPECIES

Canine

BREED

Border Collie Mix

RADIOGRAPHIC STUDY OF THE RIGHT TIBIA

SEX

Female Spayed

Mediolateral and craniocaudal views of the right tibia totaling 2 images available for review in jpeg format.

At this time, the submission does not include the image from May for comparison. However, I don't deem it necessary to submit it unless you have open questions with the prior radiographs.

AGE

8

Punched out aggressive osteolysis is seen in the medial aspect of the distal right tibia what is which I assume the prior fracture area since tibial and fibular synostosis is seen. There is a Codman's triangle proximal and distal to the large round osteolytic defect. A large defect within the medial cortex of the tibia is seen at the same level. Mild circumferential soft tissue swelling is noted and there is mild heterogeneity of the medullary cavity of the tibia with an indistinct transition zone to the unaffected bone.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

RADIOGRAPHIC FINDINGS

HOSPITAL NAME

Neighborhood Pet Health Center

- Monostotic aggressive osteolytic lesion of the distal right tibia after completed fracture healing of a tibiofibular fracture.

RADIOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Brandon Burge

The radiographic study reveals a monostotic aggressive osteolytic lesion of the distal right tibia. Neoplasia of bone is considered the most likely differential diagnosis with secondary neoplasia of bone such as fracture site sarcoma, metastatic disease of another primary tumor, and round cell neoplasia being considered slightly more likely than primary neoplasia of bone such as osteosarcoma, chondrosarcoma, or other. Final diagnosis however will require sampling by means of bone biopsy.

INVOICE

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The findings are not typical for osteomyelitis since significant osteoproliferative changes as a reaction to the local infection are lacking and the soft tissue swelling appears to be strictly limited to the area where the bone is protruding from its original medial surface. However, fungal osteomyelitis such as with local infection with cryptococcus and other fungi may occasionally present like this radiographically.

DATE

8-22-22



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Neighborhood Pet
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REFERRING VET

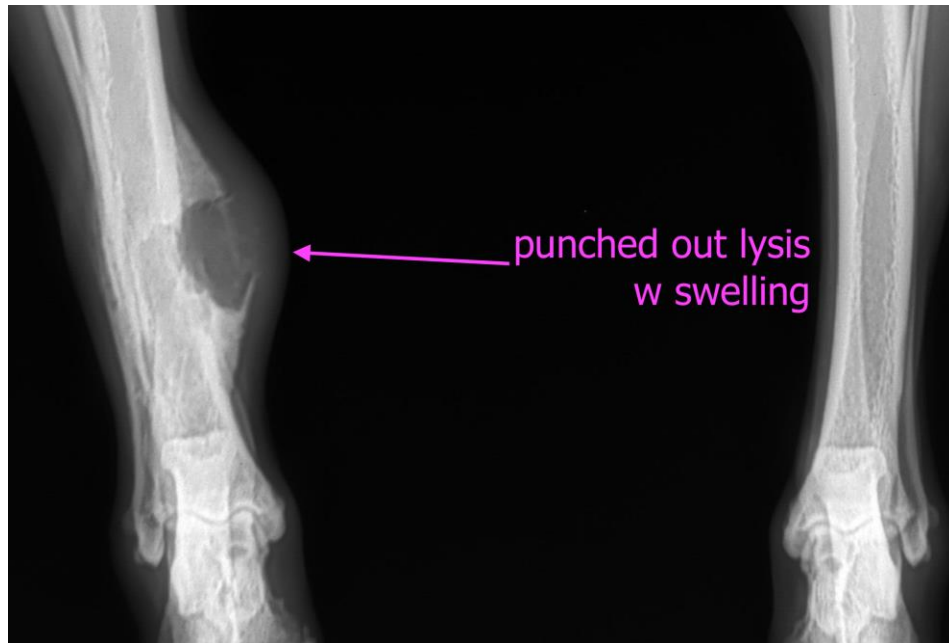
Dr. Brandon Burge

INVOICE

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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.

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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