



PATIENT PRESENTING CLINICAL SIGNS

Sophie Teal History: follow up radiographs from July 22,2021. Still limping on right hind, non responsive to meloxicam. knee is swollen. Previous submission was from July 22,2021, invoice number 12170. Abnormal PE/Chem/CBC/UA Results:

SPECIES RADIOGRAPHIC STUDY OF THE STIFLES

Canine

The muscle mass of the right leg is severely reduced. Soft tissue swelling surrounds the joint but is most prominent on the lateral aspect. The fat pad is reduced in size and opacity. The fascial plains are displaced caudally by a soft tissue opacity at the proximal tibia.

BREED

Great Pyrenees

The proximal tibia is sclerotic with very little visible trabecular structure. Spiculated and slightly fluffy new bone is present on the medial aspect of the proximal tibia and continues into a smoother layer of new bone further distally. A radiolucent line has formed between tibia and the new bone. Amorphous new bone is present on the central and caudal tibial plateau.

SEX

Spayed Female

As smooth bone spur extends proximally from the tibial crest and the bone on the distal tibial crest has increased in size.

AGE

2 Years

The region of the popliteal lymph node appears similar to the previous study.

RADIOGRAPHIC DIAGNOSIS

- Bone tumor

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are compatible with a primary bone tumor (e.g. sclerotic osteosarcoma) which is rather unusual at such a young age; for an infection the changes are, however, too localized. With hindsight one could argue that the trabecular structure of the right tibia on the images from 07/22/21 was already less well organized than on the left.

HOSPITAL NAME

Sunridge VC

Should treatment be considered, further diagnostic tests are indicated and include obtaining a sample as well as imaging the lungs for metastatic spread. It may be sufficient to obtain an ultrasound guided FNA from the swelling and scraping the periosteum at a level of bony irregularity. Should this sample not be diagnostic, a bone biopsy is needed.

REFERRING VET

Dr. Ross Duncan

INVOICE

13763

DATE

10/14/21



PATIENT

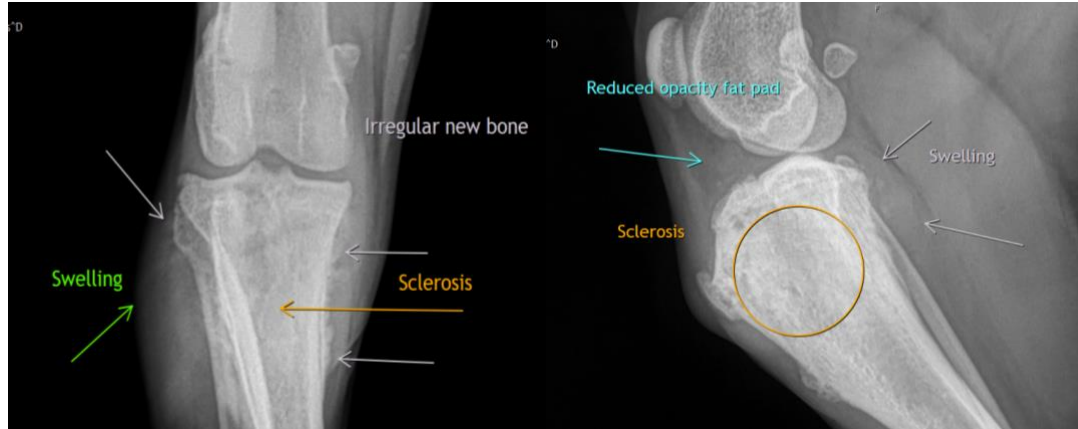
Sophie Teal

SPECIES

Canine

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SEX

Spayed Female

AGE

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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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