



PATIENT PRESENTING CLINICAL SIGNS

Haskel Doyle Had bilateral medial patellar surgery at 1 year of age. Recently started limping on left hind. Radiographs on 10/14/22 revealed an aggressive bone lesion in the proximal left tibia. On 10/20/22 bone biopsy report: extensive necrosis is present obscuring this tissue however despite necrosis there is a population of polygonal to spindloid cells arranged in sheets and bundles multifocally surrounding eosinophilic matrix. Occasional areas of osteoid proliferation are present. Mildly to moderately atypical spindle cells are present dissecting through viable bony tissue. **UPDATED INTERPRETATION: Necrotic sarcoma, favor osteosarcoma.**
 Abnormal PE/Chem/CBC/UA Results: Unremarkable CBC/Chem (ALKP 62)

BREED COMPUTED TOMOGRAPHY OF THE LEFT STIFLE JOINT

Labrador A high resolution plain CT study of the left stifle joint is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX Two surgical pins are seen in the proximal tibia, running from the tibial tuberosity in a craniocaudal direction. The proximal diaphysis of the tibia presents an ill-defined zone with permeative osteolytic lesions and destruction of the cortex in the caudomedial aspect. Amorphous periosteal new bone formation is appreciated along the caudomedial aspect of the left proximal tibia.

AGE 6 The periarticular bones of the left stifle joint present moderate osteophyte new bone formation and mild intracapsular soft tissue swelling is appreciated. The patella is in situ.

INTERPRETED BY COMPUTED TOMOGRAPHIC DIAGNOSIS

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

- Monostotic aggressive osteolytic lesion left proximal tibia
- History of left tibial tuberosity transposition due to medial patellar luxation
- Moderate degenerative osteoarthritis left stifle joint
- Mild articular swelling left stifle joint

HOSPITAL NAME INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Animal Surgical Center

The findings are supporting the diagnosis of implant related osteosarcoma of the left proximal tibia. Amputation of the affected limb can be considered as possible treatment option.

Consider full tumor staging.

REFERRING VET

Brookville Animal Hospital

INVOICE

54839

DATE

10-27-22



PATIENT

Haskel Doyle

SPECIES

Canine

BREED

Labrador

SEX

MN

AGE

6

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Surgical
Center

REFERRING VET

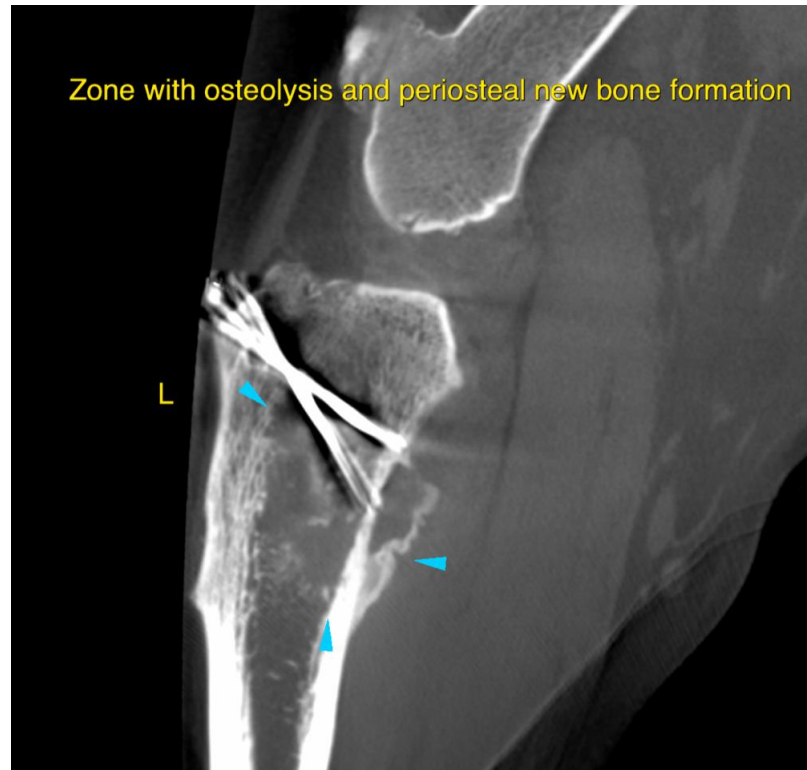
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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