



PATIENT PRESENTING CLINICAL SIGNS

Zeus Moore Stifle effusion on rads and positive cranial drawer on sedated exam, suspect CCL tear bilaterally. Clinically only showing lameness in the right. - see x-rays and x-ray report for supporting documents Would like to determine neoplasia vs chronic tearing/inflammation to planning a TPLO

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC - NSF Chem - mildly low phos at 0.68mmol/L; mildly elevated Glob at 46g/L; otherwise NSF (Ca is normal) attached - x-rays and rad report for your supporting documents

BREED

Mixed Breed

ULTRASONOGRAPHIC FINDINGS

Right Stifle

SEX

MN

Moderate irregular thickening of the synovium of the right stifle joint is seen in the femoral tibial and femoral patella compartments. The synovial thickening is accentuated in the caudomedial aspect of the femoral tibial joint. The caudomedial aspect of the proximal right tibia shows extensive new bone formation at the same level. The regular layered pattern of the synovium is partially lost, and moderate irregular luminal synovial proliferations are seen. No discrete mass effect can be identified. Mild periarticular new bone formation is noted in the remainder of the periarticular margins.

AGE

6 Years

The cranial cruciate ligament is continuous and presents mild generalized thickening with partial loss of its internal echoarchitecture.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The medial meniscus is in situ with smoothly delineated margins and uniform internal echoarchitecture.

The infrapatellar fat pad and patella tendon present within normal limits.

ULTRASONOGRAPHIC DIAGNOSIS

- Right stifle arthropathy with proliferative synovial changes and periarticular new bone formation.
- Minor cranial cruciate ligament pathology with continuous cranial cruciate ligament.

HOSPITAL NAME

Petworks Veterinary Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Trudeau

The ultrasonographic changes of the cranial cruciate ligament support the presence of secondary edema rather than primary cranial cruciate ligament injury in terms of rupture or partial rupture. No evidence of meniscopathy is seen.

INVOICE

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There is proliferative synoviopathy with generalized synovial proliferation and periarticular new bone formation accentuated in the caudomedial aspect of the femoral tibial joint. Differential diagnosis includes proliferative arthropathy such as immune mediated, villonodular synovitis, myositis ossificans, and less likely osteomyelitis or neoplasia including emerging synovial cell sarcoma, histiocytic sarcoma, and chondroma or metastases.

DATE

8-11-22

Consider aspiration and analysis of synovia as well as biopsy of the synovium ideally in the caudomedial aspect of the femoral tibial joint for further definition.



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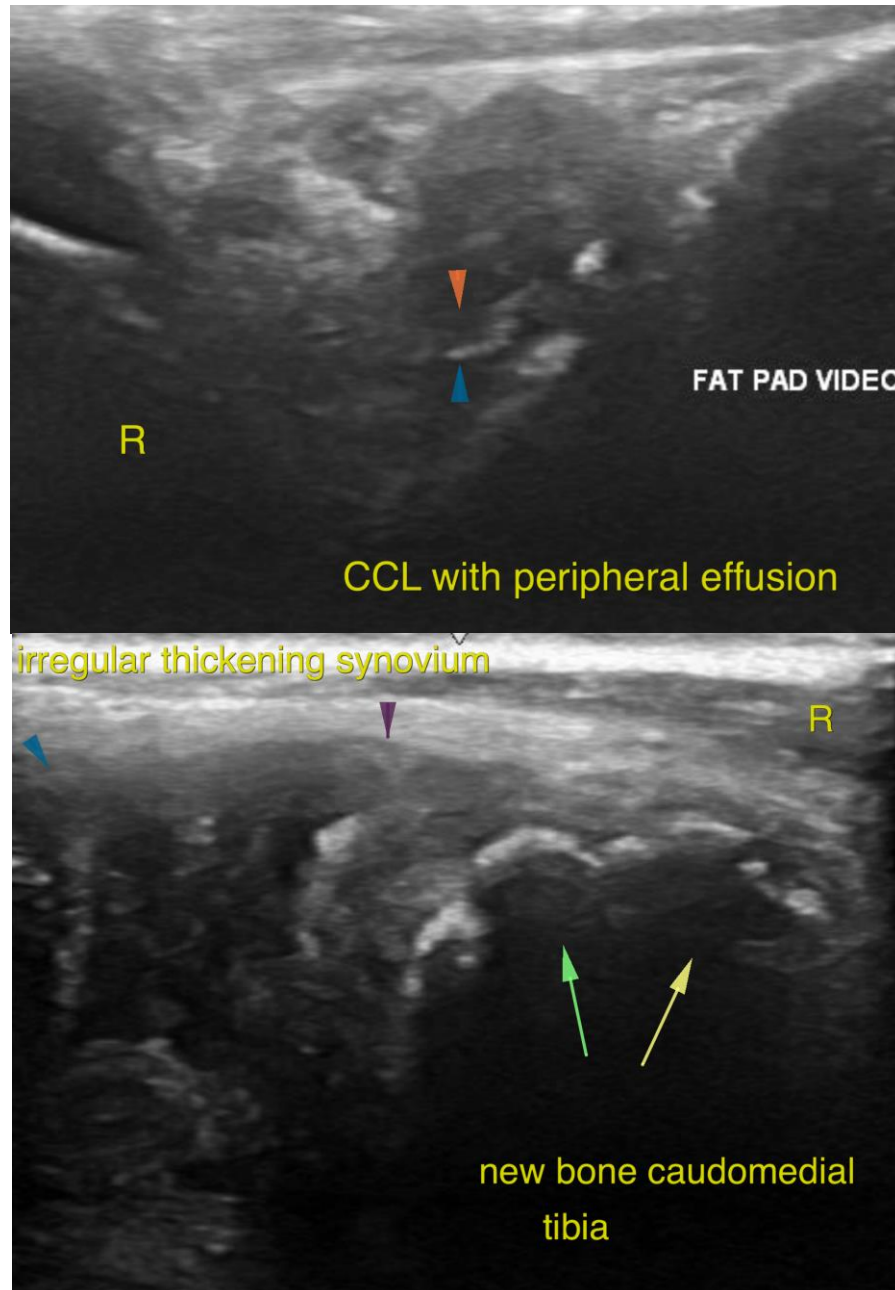
Dr. Trudeau

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PATIENT

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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.

SPECIES

Canine

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.

BREED

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