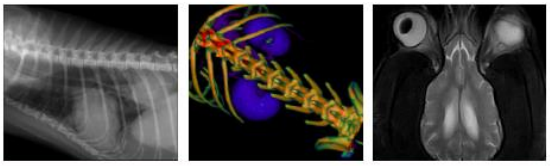

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Lucy Skopic

SPECIES

Canine

BREED

Labrador Retriever

SEX

Female Spayed

AGE

8 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Franklin Animal Clinic Inc.

REFERRING VET

Sam Doverspike

INVOICE

50551

DATE

2-24-22

PRESENTING CLINICAL SIGNS

Had TTA-2 Sx on Right Stifle in May 2021. At Sx the ACL was found to be completely torn. The medial meniscus appeared in tact and normal. Surgery, Recovery and Recuperation were uneventful. Lucy did well until August 2021...walked and used leg normal but with increasing exercise/activity would become lame. Initially this only happened ~ one time a month but has progressed to weekly. The only medications used were Tramadol and the rDVM did try 3 or 4 dosed of Adequan.
Abnormal PE/Chem/CBC/UA Results: January 2022: PE: Stifle thickened and painful on palpation. Radiographs indicate expected healing of TTA-2 Osteotomy site and some minor arthritic changes in the joint. We put her on 2 weeks of an NSAID. Follow up today: Much better on medication but after a few minutes of harder playing will start to favor leg. Recovers back to normal quickly after activity is stopped. I'm trying to figure out arthritis vs newly (or missed) Medial Meniscus Tear or even possibly a steroid responsive arthropathy????

ULTRASONOGRAPHIC FINDINGS

Right Stifle

Patient has a history of TTA and full cranial cruciate ligament rupture in May 2021.

A moderate amount of anechoic effusion is noted within the supra- and infra- patellar compartments of the right stifle joint. There is moderate swelling of the synovial membrane with synovial proliferations. A large amount of periarticular osteophytes is seen.

The lateral meniscus present within normal limits. The medial meniscus is in situ with smooth surface. No evidence of meniscal tearing is seen, however, multiple echogenic foci are seen within the medial meniscus and a hypoechoic vertical line compatible with tangential tie fiber scanning is present.

ULTRASONOGRAPHIC DIAGNOSIS

- Moderate osteoarthritis of the right stifle.
- No ultrasonographic evidence of meniscal injury or prolapse.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic study reveals moderate osteoarthritic changes. The amount of effusion appears relatively large and suggests potential for activated or other arthritis. A meniscal tear is not seen. The echogenic foci inside the meniscal tissue are compatible with degenerative changes secondary to increased wear.

TECHNICAL COMMENTS

Multiple factors render sound beam attenuation high and imaging difficult in this patient beginning with the thick and attenuating skin. Thickened soft tissues in particular, the joint capsule and synovial membrane as well as the presence of a relatively large amount of osteophytes which all interfere with sound beam penetration. Lowering the frequency as possible, switching to micro convex probe if available, changing the preset, switching harmonics off and on, all are potential remedies next to thorough preparation of the skin which obviously was not the cause of the poor sound beam attenuation in this patient.

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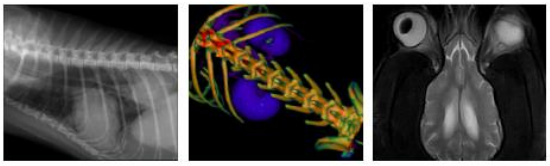

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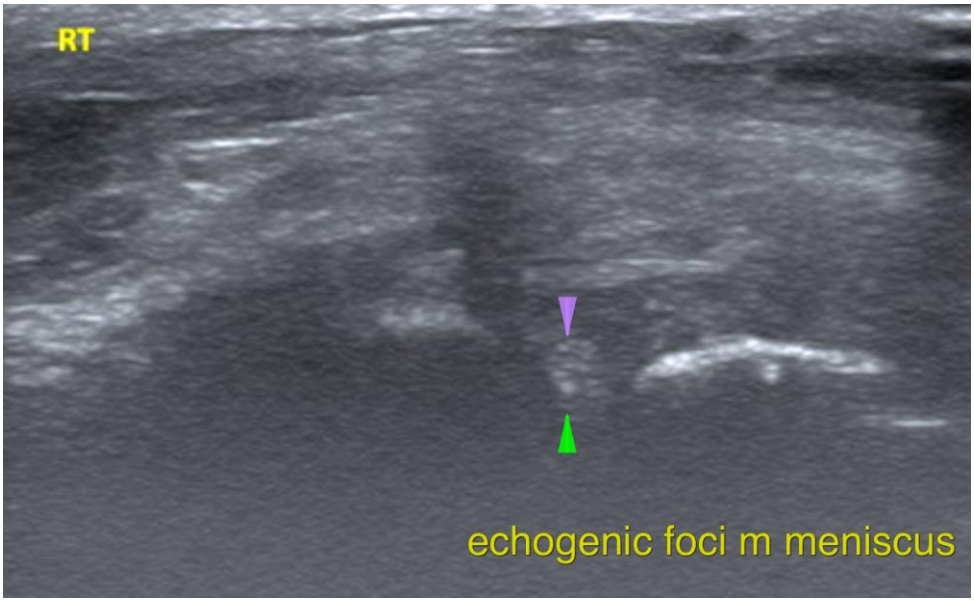

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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