



PATIENT

Diesel Allen

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered Male

AGE

12

WEIGHT

72.8

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Dr Sara Granberg

HOSPITAL NAME

Michiana Animal
Rehab Services

REFERRING VET

Dr Sara Granberg

INVOICE

74704

DATE

4-21-26

PRESENTING CLINICAL SIGNS

- Initial swelling March 2025
- Lateral and medial joint instability
- Initially performed laser therapy of R hock and swelling had decreased the next day, but increased by the next week
- Full hock swelling has decreased to a firm mass around the joint
- X-rays show soft tissue swelling and osteophytes but no bony changes
- Ultrasound showed mass and pockets of fluid
- Samples of mass and fluid sent off to lab

ULTRASONOGRAPHIC FINDINGS

Right Tarsus

There is marked joint distension of the right tarsocrural joint characterized by a large volume of anechoic effusion. The joint capsule is severely thickened with pronounced synovial proliferation. No discrete articular or periarticular mass lesion is identified. The synovial proliferation appears diffuse and villous in character consistent with chronic inflammatory arthropathy.

On the medial aspect of the tarsus, the deep digital flexor tendon sheath is markedly distended with anechoic fluid consistent with tenosynovitis. There is anatomic communication between the deep digital flexor tendon sheath and the tarsocrural joint suggesting extension of the joint effusion and arthropathy into the tendon sheath. The tendon itself is intact without evidence of tear. No obvious cortical irregularity or mineralized periarticular mass is seen sonographically. Complementary radiographic assessment should be used for interpretation.

ULTRASONOGRAPHIC DIAGNOSIS

- Severe tarsocrural joint effusion with marked synovial hypertrophy suggesting severe synovitis.
- Concurrent deep digital flexor tenosynovitis with communication to the tarsocrural joint.
- No discrete mass lesion identified.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The findings are most consistent with severe chronic inflammatory arthropathy. A discrete mass lesion is not identified, and the pattern of joint capsule and synovial thickening is more suggestive of chronic inflammation rather than neoplastic infiltration.

Correlate with radiographs for assessment of osseous/articular changes not visible on ultrasound. Synovial fluid analysis and culture are recommended if not already performed. Correlation with the pending results of cytology/histopathology is recommended as well.



PATIENT

Diesel Allen

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered Male

AGE

12

WEIGHT

72.8

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Dr Sara Granberg

HOSPITAL NAME

Michiana Animal
Rehab Services

REFERRING VET

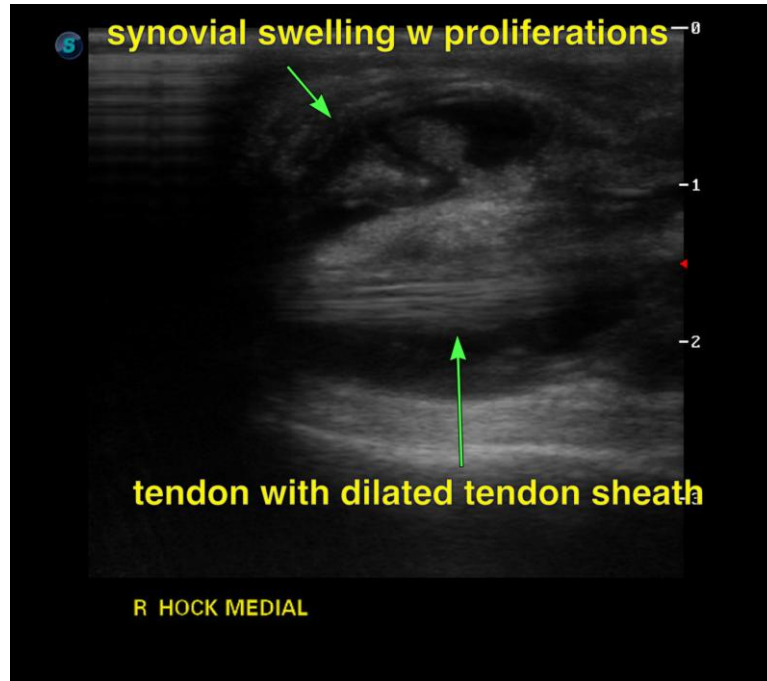
Dr Sara Granberg

INVOICE

74704

DATE

4-21-26



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.

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.
info@sonopath.com