**DATE PRESENTING CLINICAL SIGNS**

12-21-22 Suffered left hind limb laceration injury end of October. Underwent laceration repair at PDVM. Medications: Dasuquin, Welactin. No other medications to our knowledge.

**PATIENT ULTRASONOGRAPHIC FINDINGS**

Hux Anne Arundel **Left Achilles Tendon**

**SPECIES**

Canine

**BREED**

Belgian Malinois

Severe regional thickening and loss of echoarchitecture of the left superficial digital flexor tendon is seen starting 1.8 cm proximal to the calcaneal tubercle up to the calcaneal tubercle. The tendon is severely thickened by approximately eight-fold its original diameter. Complete loss of the fiber pattern of the left superficial digital flexor tendon is seen in this area and replaced by heterogeneously hypoechoic tissue with no recognizable fiber pattern and nonuniform echoarchitecture. A proximal and distal tendon stump are seen. Suture material presumably representing one or two suture loops is seen within the defect of the superficial digital flexor tendon. There is extensive circumferential soft tissue swelling of the dermal and subcutaneous tissues as well as moderate to severe distension of the calcaneal bursa. The gastrocnemius tendon presents continuous and within normal limits.

The deeper layers of the left achilles tendon present within normal limits as well.

**SEX**

Male Intact

Lateral and medial flexor retinacular thickening with partial loss of their echoarchitecture is seen.

**Right Achilles Tendon****AGE**

The right achilles tendon is scanned for comparison and presents within normal limits.

July 12, 2019 **ULTRASONOGRAPHIC DIAGNOSIS**

- Subacute complete left superficial digital flexor tendon rupture with severe regional cellulitis and bursitis.
- Suspect desmitis of the left lateral and medial flexor retinacular of the superficial digital flexor tendon.
- No evidence of injury of the left deep achilles tendon.

**INTERPRETED BY**

Nele Ondreka, DVM  
Dr. med. vet.,  
DipECVDI

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The injury appears to be confined to the superficial digital flexor tendon with concurrent regional cellulitis and bursitis. Suture material can be seen within the left superficial digital flexor tendon's defect representing a maximum of two small loops of suture material. The quality of the tissue within the defect is likely to represent organizing hematoma or granulation tissue. No fibers of moderate length and increased echogenicity are seen within the defect which would indicate appropriate healing with replacement / scar tissue formation. At this point, the injury has to be considered unstable.

**HOSPITAL NAME**

Nexus Veterinary  
Hospital

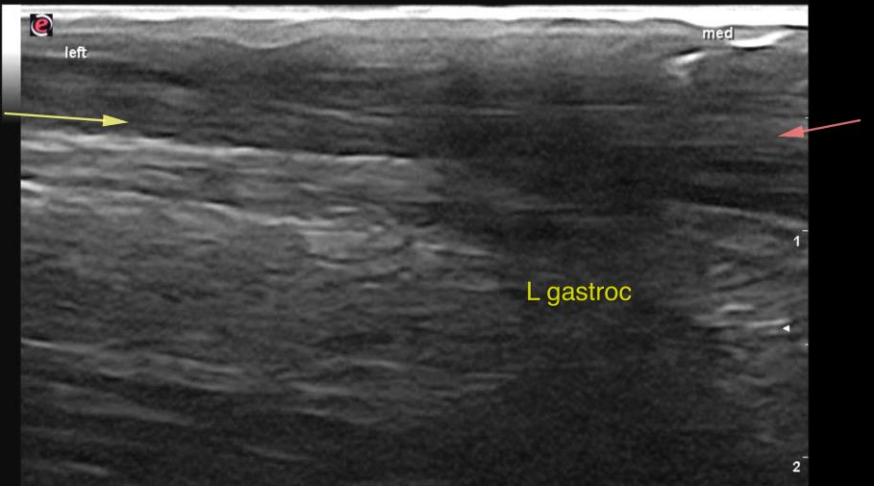
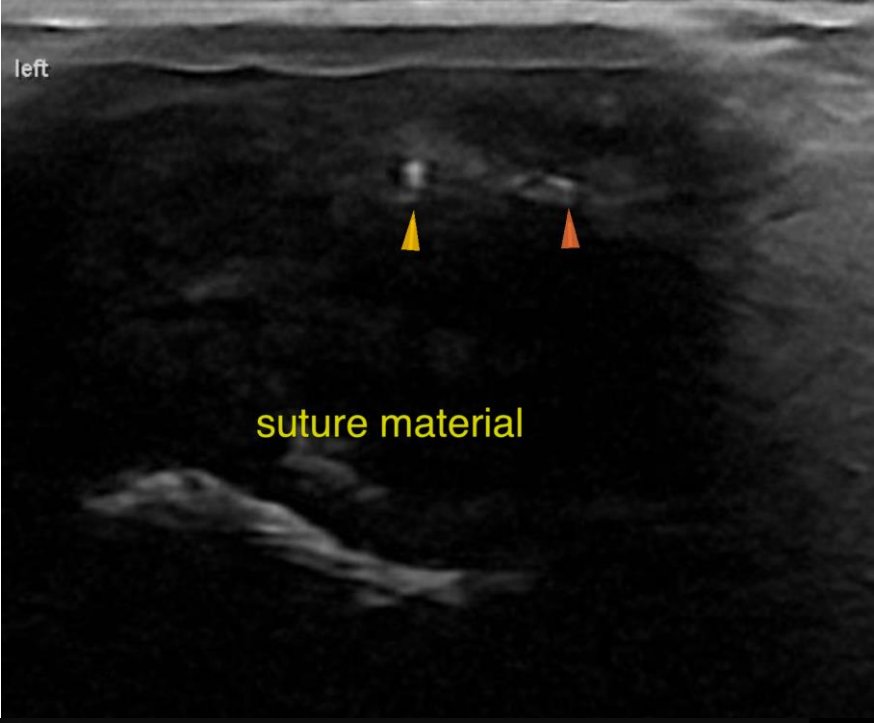
The changes of the flexor retinacular may represent concurrent desmitis or rupture.

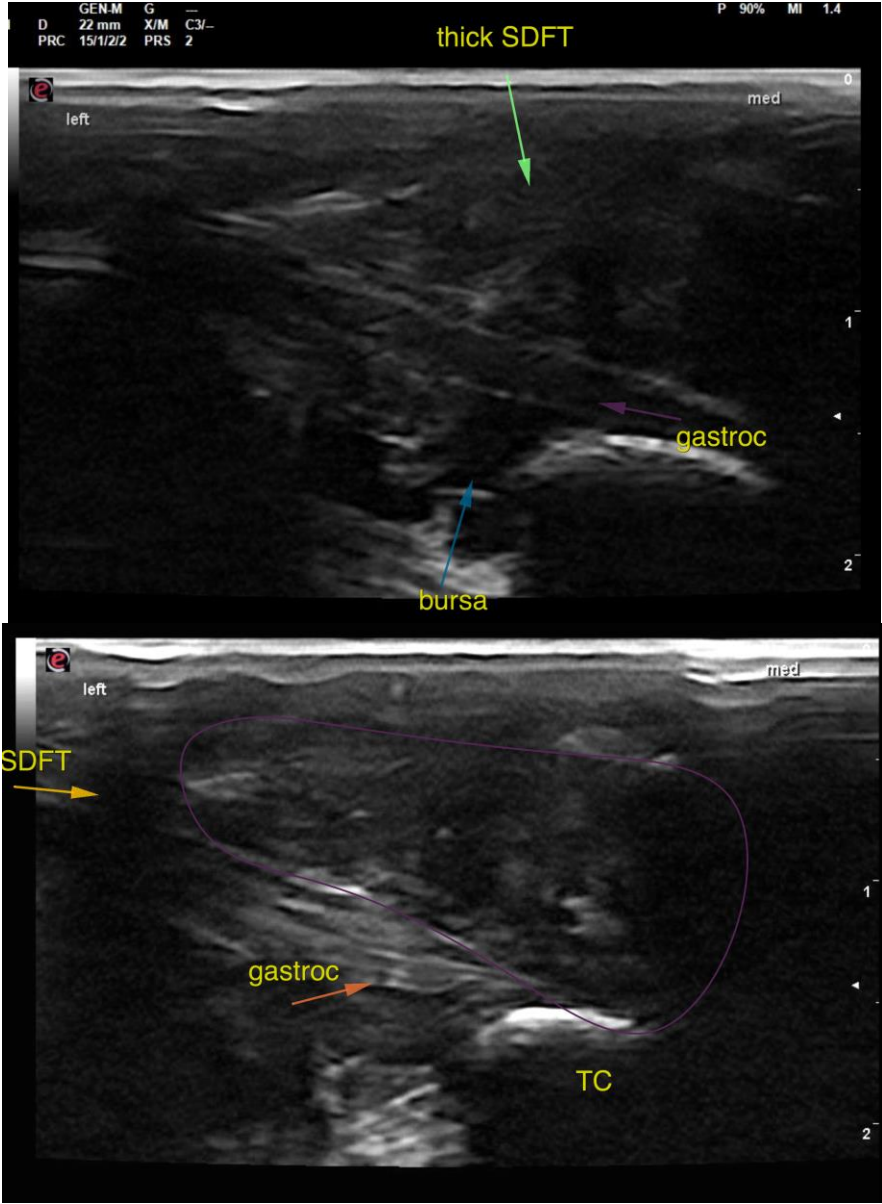
**REFERRING VET**

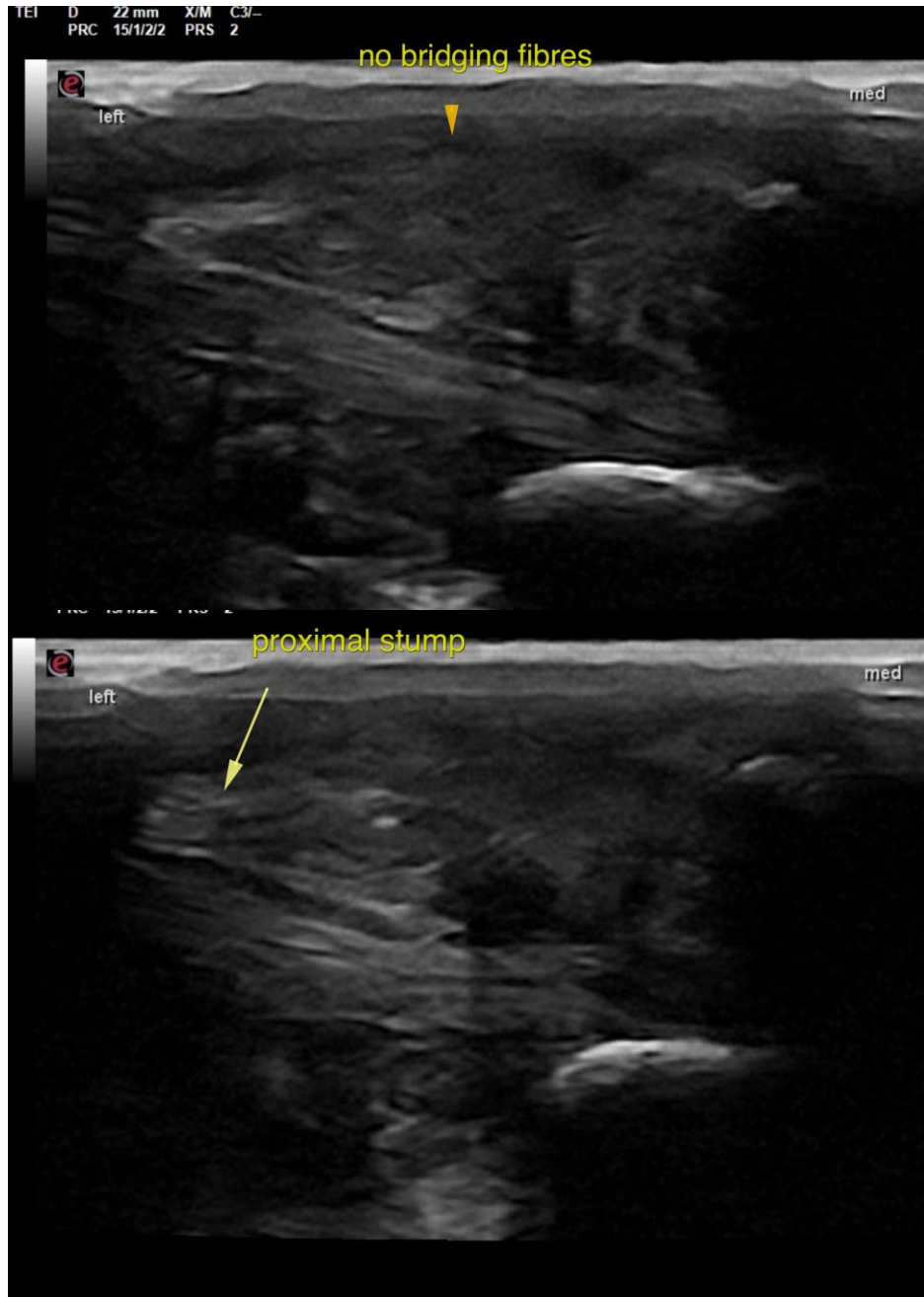
David Dycus

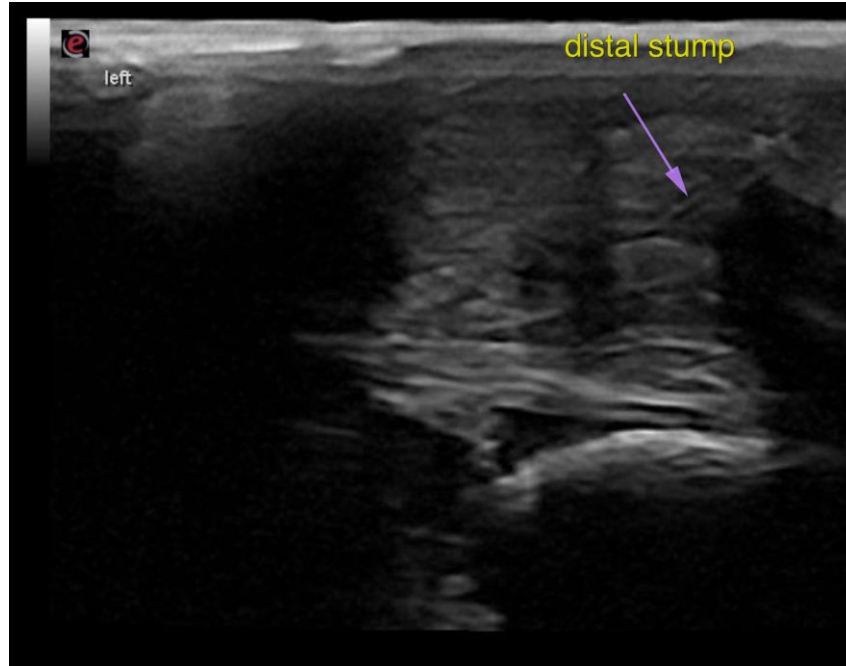
**INVOICE**

55761









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 (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.  
Nele.Eley@sonopath.com