

PATIENT PRESENTING CLINICAL SIGNS

Madison Smith P presented for bilateral Achilles US due to lameness in LR and firm swelling dorsal to calcaneus

ULTRASONOGRAPHIC STUDY OF THE BILATERAL ACHILLES TENDON

SPECIES ULTRASONOGRAPHIC FINDINGS

Canine

LEFT

BREED Marked enlargement and severe disruption of the deep component of the common calcaneal tendon complex is seen. The affected tendon segment measures ~ 40 mm in length and is up to 15 mm in maximal thickness representing nearly 3x the expected tendon diameter. The tendon architecture is severely distorted with heterogeneous echogenicity including extensive hypoechoic regions intermixed with smaller hypoechoic areas. Regional peritendinous fluid accumulation is present. Mild effusion of the calcaneal bursa is seen. The findings are consistent with a near complete rupture of the deep composed calcaneal tendon component.

Lab

SEX

FS

The gastrocnemius tendon remains largely intact.

AGE

The superficial digital flexor tendon is mildly enlarged but maintains overall fiber continuity and architecture.

9yr

Peritendineum appears to be intact.

INTERPRETED BY

No ultrasonographic evidence of avulsion from the tuber calcaneus is identified.

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

RIGHT

The right common calcaneal tendon complex is normal in thickness, echogenicity, continuity and fiber architecture. No tendon disruption, mineralization, peritendinous fluid accumulation or enthesopathic changes are identified.

HOSPITAL NAME

ULTRASONOGRAPHIC DIAGNOSIS

Shallowford Animal Hospital

- Severe injury of the deep composed component of the common calcaneal tendon complex characterized by a near complete rupture.
- Gastrocnemius tendon largely preserved.
- Mild reactive enlargement of the superficial digital flexor tendon.
- Normal ultrasonographic presentation of the right common calcaneal tendon complex.

REFERRING VET

Dr Eads

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

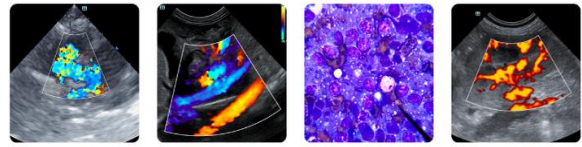
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The left side findings are consistent with severe chronic active common calcaneal tendon injury and correlate well with reported swelling and lameness given the degree of tendon disruption and enlargement.

DATE

Surgical consultation is recommended if not already pursued. Prognosis depends on the extent of remaining functional tendon fibers and the chosen method of stabilization and repair.

06/02/2026



PATIENT

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HOSPITAL NAME

Shallowford Animal
 Hospital

REFERRING VET

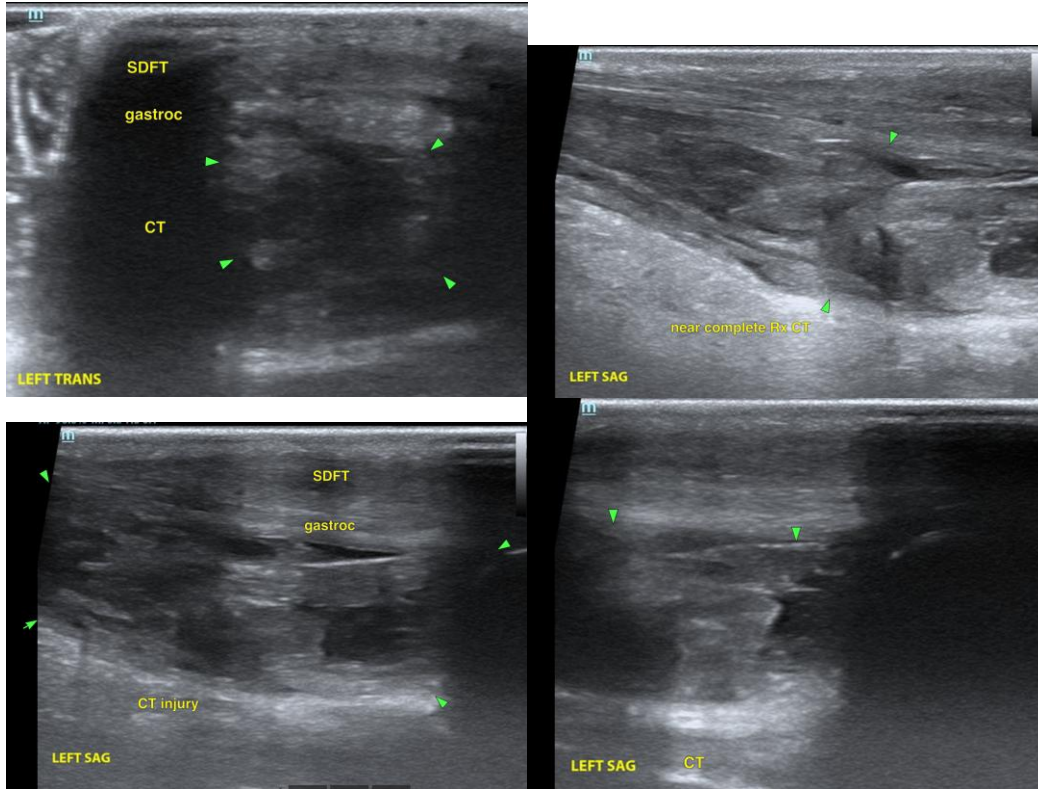
Dr Eads

INVOICE

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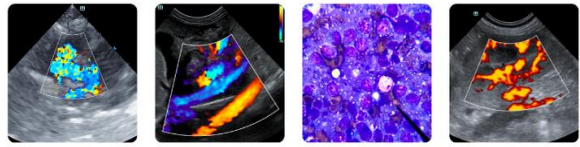
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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 Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.
info@sonopath.com



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