



## PATIENT PRESENTING CLINICAL SIGNS

Soul Maclean

- 4cmx2cm mildly enlarged area over plantar aspect of pes distal to hock. contralateral leg has similar enlargement that I suspect is variation of normal, but on RH the enlargement is mildly more pronounced and firm. not painful, dog may be slightly favoring leg at rest but is 100% weightbearing. no rads have been performed.

## SPECIES

Canine

- Owner is curious as to what it might be and how intricately it's attached to underlying structures. FNA would be difficult due to diffuse nature.

## BREED

Doberman

Abnormal PE/Chem/CBC/UA Results: Very slight shifting away from RH when standing at rest. otherwise NSF. Elevated ALT - full abdominal ultrasound has been performed and submitted as a separate study.

## SEX

M

## AGE

7yr

## ULTRASONOGRAPHIC STUDY OF THE RIGHT HIND LIMB PLANTAR AND DISTAL TO THE HOCK

### ULTRASONOGRAPHIC FINDINGS

The ultrasonographic examination of the plantar aspect of the right pes distal to the tarsus reveals diffuse soft tissue swelling. The changes are characterized by thickening of the deep digital flexor tendon and superficial digital flexor tendon in the region proximal to and involving the level of the manica flexoria. The tendon architecture appears generally preserved with no macroscopic fiber disruption or discrete fiber tearing being identified.

The changes are diffuse rather than focal or mass like. No well circumscribed fluid collection, abscessation, mineralization or discrete soft tissue mass is identified.

## INTERPRETED BY

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

The surrounding soft tissues appear mildly thickened consistent with generalized soft tissue enlargement.

Comparative clinical information indicates similar though less pronounced enlargement of the contralateral limb suggesting possible component of bilateral or conformational involvement.

## HOSPITAL NAME

Kelowna Veterinary  
Hospital

### ULTRASONOGRAPHIC DIAGNOSIS

- Tendinopathy of the deep and superficial digital flexor tendons distal to the hock in the right hind limb characterized by diffuse tendon thickening without overt fiber rupture

## REFERRING VET

Dr Lavroff

### INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Differential considerations include chronic or subacute tendinopathy /tendinosis, low grade strain or overuse injury and conformational or breed associated tendon thickening. The findings do not support infiltrative soft tissue processes at this point. The appearance is generally non-acute and indicates non-rupture tendon pathology. While ultrasound provides useful information it has limited sensitivity for subtle intratendinous pathology. MRI is considered the modality of choice for further characterization if more definitive and more comprehensive assessment is required particularly of internal tendon structure, extent of involvement and relationship to adjacent soft tissues and bones.

## INVOICE

23830

## DATE

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Note that Doberman Pinschers are predisposed to flexor tendon and Achilles mechanism disorders



**PATIENT**

Soul Maclean

and whenever tendon pathology is suspected it is recommended that both hind limbs are evaluated including the entire flexor tendon apparatus including the region proximal to the hock (Achilles tendon complex).

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**REFERRING VET**

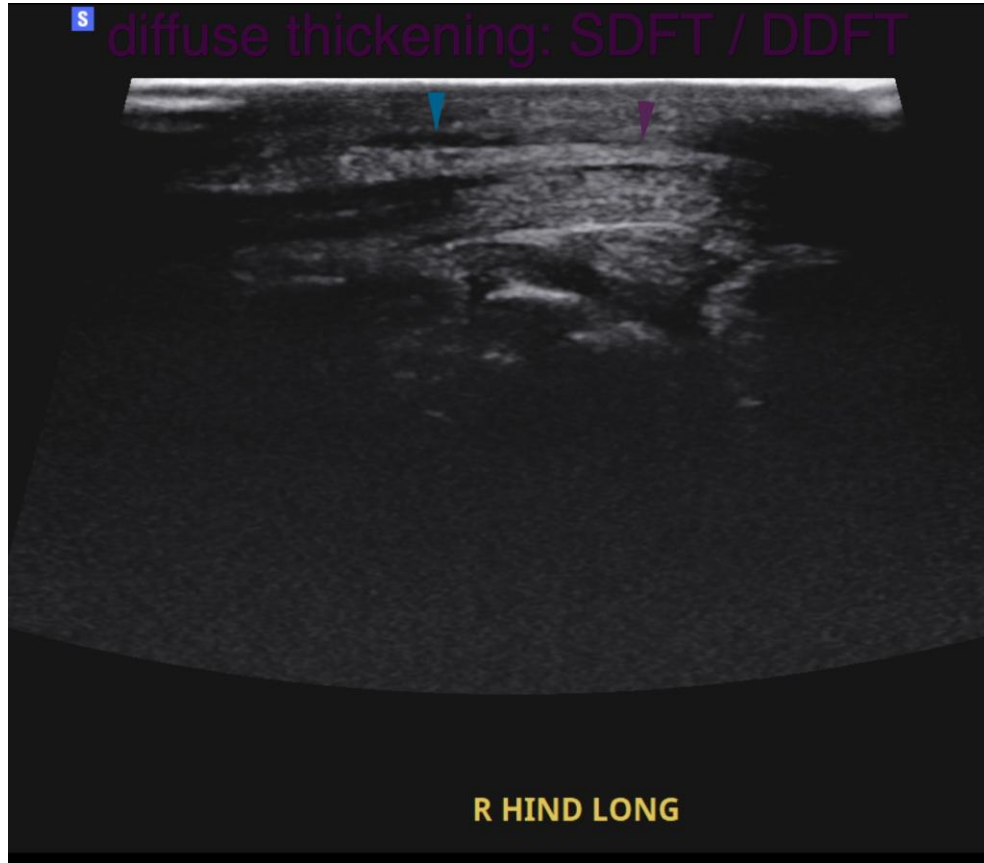
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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