



**PATIENT**

Rocco Dercole

**PRESENTING CLINICAL SIGNS**

Rocco presented with a history of a LHL lameness following having his left leg become entangled in a leash. He had been treated for iliopsoas tendinopathy elsewhere with no improvement. Video provided by the owner shows bilateral abnormal hindlimb gait when descending stairs, and more recently a skipping RHL lameness when descending stairs. On examination, there was evidence of non-specific back pain, but the lameness has not responded to treatment of the back as expected. I have not appreciated iliopsoas pain. Radiographic images of the thoracolumbopelvic region and stifles was collected with the sole abnormality being apparent soft tissue mineralizations associated with one of the right fabellae evident on the lateral view.

**SPECIES**

Canine

**BREED**

American Bully

**ULTRASONOGRAPHIC FINDINGS**

**Left Iliopsoas**

**SEX**

MN

A nonshadowing pinpoint hyperechoic focus is seen within the left psoas major tendon 10mm cranial to the attachment of the tendon to the lesser trochanter of the femur. The remainder of the tendon presents within expected limits. The peritendineum is smooth and thin. The attachment to the lesser trochanter and the musculotendinous junction is smooth.

**AGE**

2 Years

No abnormality is noted in the medial aspect of the left coxofemoral joint.

The left lateral fabella and gastrocnemius origin present within normal limits.

**Right Iliopsoas**

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The right iliopsoas tendon presents within normal limits. The peritendineum is intact and thin. The tendon echoarchitecture and echogenicity are uniform and hypoechoic. The attachment to the lesser trochanter in the musculotendinous junction presents smooth.

No abnormality is noted in the medial aspect of the right coxofemoral joint.

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**Musculature caudal to the right stifle joint**

Multiple small foci of mineralization with acoustic shadowing are seen at the right lateral fabella accentuating its caudal and medial aspect. Regional loss of echoarchitecture with decreased echogenicity and loss of the regular muscle fiber pattern is seen immediately caudal and medial to the right lateral fabella as well.

**REFERRING VET**

David Lane

**ULTRASONOGRAPHIC DIAGNOSIS**

- Suspect focal fibrosis within the left iliopsoas tendon.
- Right lateral gastrocnemius musculotendinopathy.

**INVOICE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The ultrasonographic findings strongly support the presence of lateral gastrocnemius musculotendinopathy in the right hind limb. The degree of ultrasonographic abnormality is mild to moderate. The mineralization indicates chronicity of the musculotendinopathy.

**DATE**

3-30-23

The presumed focal fibrosis within the left psoas major tendon may represent focal scarring after



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chronic or healed iliopsoas injury or fibrosis secondary to tendinosis/chronic repetitive microfiber damage.

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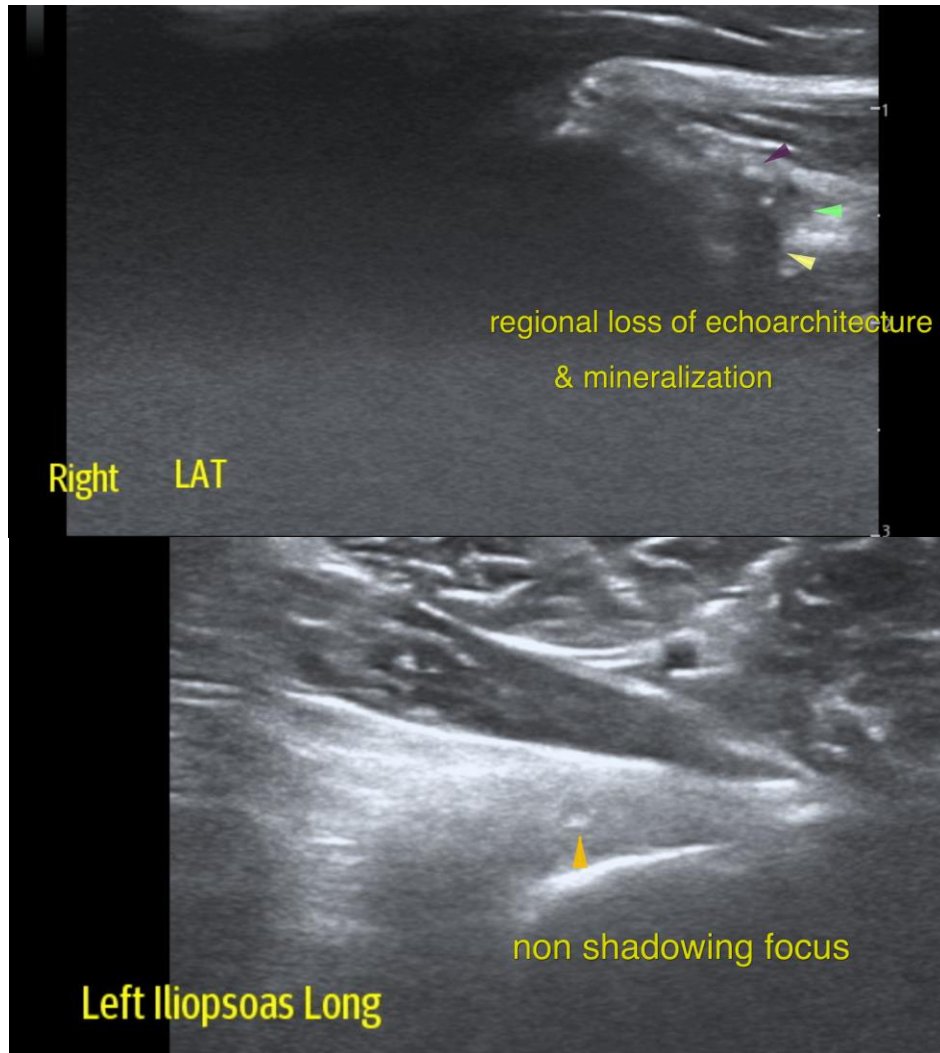
David Lane

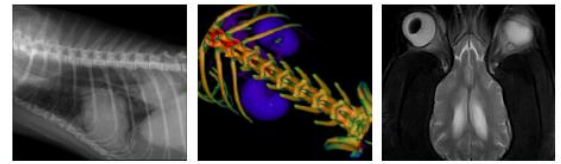
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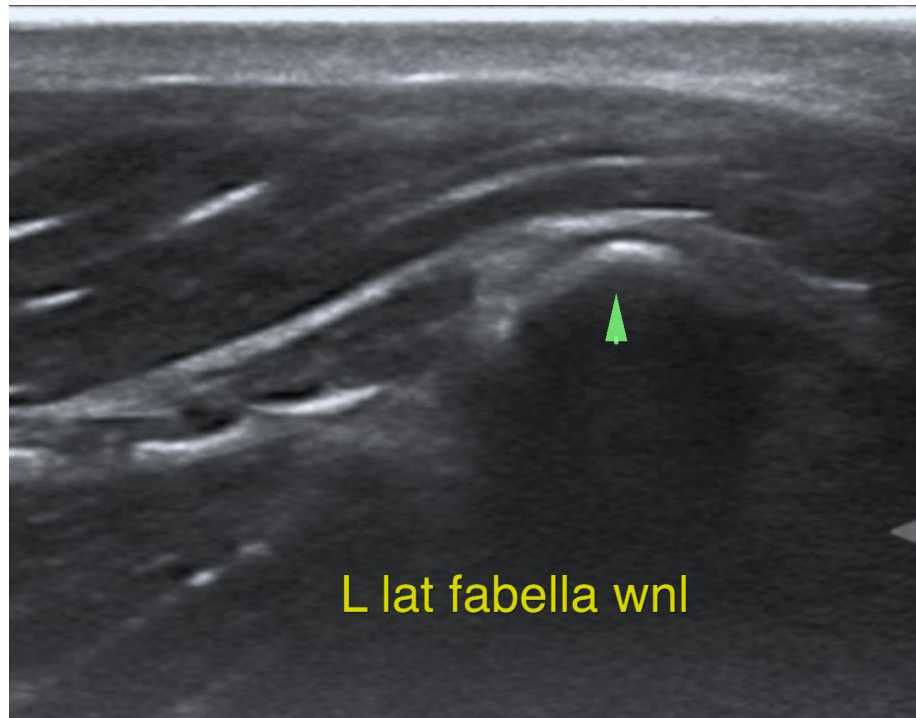
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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