



PATIENT PRESENTING CLINICAL SIGNS

Mello Thompson

- Prior diagnosis of left long hallucis flexor myopathy that responded to treatment for several years.

SPECIES

Canine

- Now has intermittent LHL lameness flared by exercise. Pain is consistently elicited on stifle extension, even without manipulation of the tarsus
- Orthogonal lumbopelvic and hindlimb radiographs normal except marked OA of the left tarsus. However, the tarsal OA does not immediately explain the pain on stifle extension, so ultrasound of the caudal stifle was performed

BREED

Belgian Malinois

ULTRASONOGRAPHIC STUDY OF THE LEFT AND RIGHT GASTROCNEMIUS ORIGIN

ULTRASONOGRAPHIC FINDINGS

SEX

LEFT

F

Mild remodeling of the osseous surface of the left lateral fabella is seen. The surrounding muscle fibers of the lateral gastrocnemius origin present no evidence of structural changes. Echogenicity and fiber pattern are maintained. A regional hypoechoic area with partial loss of normal fiber pattern is noted in the medial gastrocnemius origin close to the medial fabella. Emerging focal mineralization is noted within the altered area suggestive of acute /active changes.

AGE

5yr

RIGHT

INTERPRETED BY

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

Mild remodeling of the osseous surface of the right lateral fabella is seen. The surrounding muscle fibers of the lateral gastrocnemius origin present no evidence of structural changes. Echogenicity and fiber pattern are maintained. An area of mixed echogenicity is seen within the medial gastrocnemius origin close to the medial fabella. Mild focal new bone formation is present on the visible surface of the medial fabella. No evidence of structural changes within the pes anserinas are noted.

HOSPITAL NAME

Points East West

ULTRASONOGRAPHIC DIAGNOSIS

- Bilateral gastrocnemius origin tendinopathy more acute on the left, more chronic on the right
- Bone changes of the medial fabella consistent with reactive changes secondary to musculotendinopathy

REFERRING VET

David Lane

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic findings correlate with intermittent lameness and pain on stifle extension. Early stage mineralization and low echogenicity on the left suggest active or acute pathology. The right side changes are more chronic in nature based on the ultrasonographic presentation.

INVOICE

24256

Conservative management may include rest, controlled exercise and anti-inflammatory therapy. Re-evaluation with ultrasound in 4-6 weeks can be considered to monitor progression or resolution depending on the clinical course of the disease. Adjunctive therapies such as physiotherapy, shockwave and/ or biological treatment can be considered depending on the severity of the clinical signs.

DATE

03/17/2026



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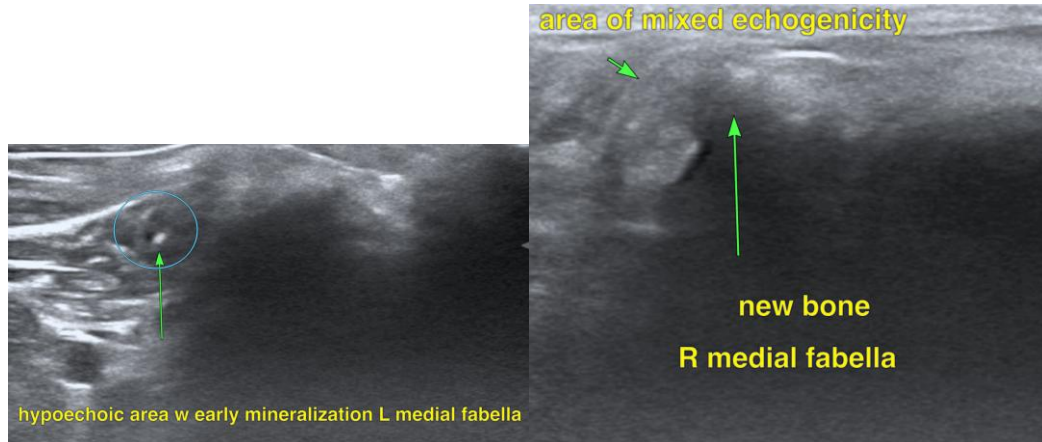
David Lane

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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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