



PATIENT PRESENTING CLINICAL SIGNS

Rafiki Karimjee Acute lameness RH leg 7 June 2023. Had previously had TPLO R stifle. Developed marked edema to the leg shortly after and as this resolved, the medial hock appeared to present with swelling that persisted. Now walking but with some twisting of the hock and low carriage on the RH leg; stifle has chronic OA but no changes otherwise

SPECIES Abnormal PE/Chem/CBC/UA Results: Canine Medial hock feels thickened. Normal range of motion but medial aspect of hock feels slightly unstable when stressed. No pain on plate; popliteal LN initially mildly enlarged and reactive, normal now.

BREED ULTRASONOGRAPHIC STUDY OF THE RIGHT TARSOCRURAL JOINT

German Shepherd The image quality is very good considering the patient was non-sedated during the examination.

ULTRASONOGRAPHIC FINDINGS

SEX Moderate anechoic effusion is seen within the right tarsocrural joint. Moderate swelling of the tarsocrural joint’s synovium is noted. The tendon sheath of the deep digital flexor tendon presents moderate swelling and moderate anechoic effusion. The deep digital flexor tendon itself presents mild generalized swelling as well.

AGE The short and long lateral and medial collateral ligaments appear to be intact. The short medial collateral ligament is slightly irregular on individual loops which, however, cannot be repeated in all of the available images. Mild periarticular swelling with “inflammatory pattern” is noted.

There is mild smooth new bone formation in the periarticular margins of the distal tibia.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

ULTRASONOGRAPHIC DIAGNOSIS

- No injury of the medial lateral collateral ligament seen.
- Moderate effusion and synovialitis of the right tarsocrural joint with tendon sheath effusion of the deep digital flexor tendon.
- Mild potentially reactive deep digital flexor tendinitis.
- Early osteoarthritis of the right tarsocrural joint.

HOSPITAL NAME

Cedarview Animal
Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Nigel Gumley

Injury of the collateral ligaments is not overtly seen. There may be partial injury to the short medial collateral ligament; however, the significance of the mild noted changes remains uncertain since the changes are not repeatable from all points of view.

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Arthropathy of the right tarsocrural joint is a primary differential diagnosis which may be post-traumatic, associated with OC/OCD, immune mediated, and less likely degenerative. Correlation with the available radiographs recommended. Aspiration and analysis of synovia could be considered for further definition if not performed already. CT could be considered in case the radiographs are inconclusive on the presence of potential osseous injury.

DATE

6-27-23



PATIENT

Rafiki Karimjee

SPECIES

Canine

BREED

German Shepherd

SEX

MN

AGE

7 Years

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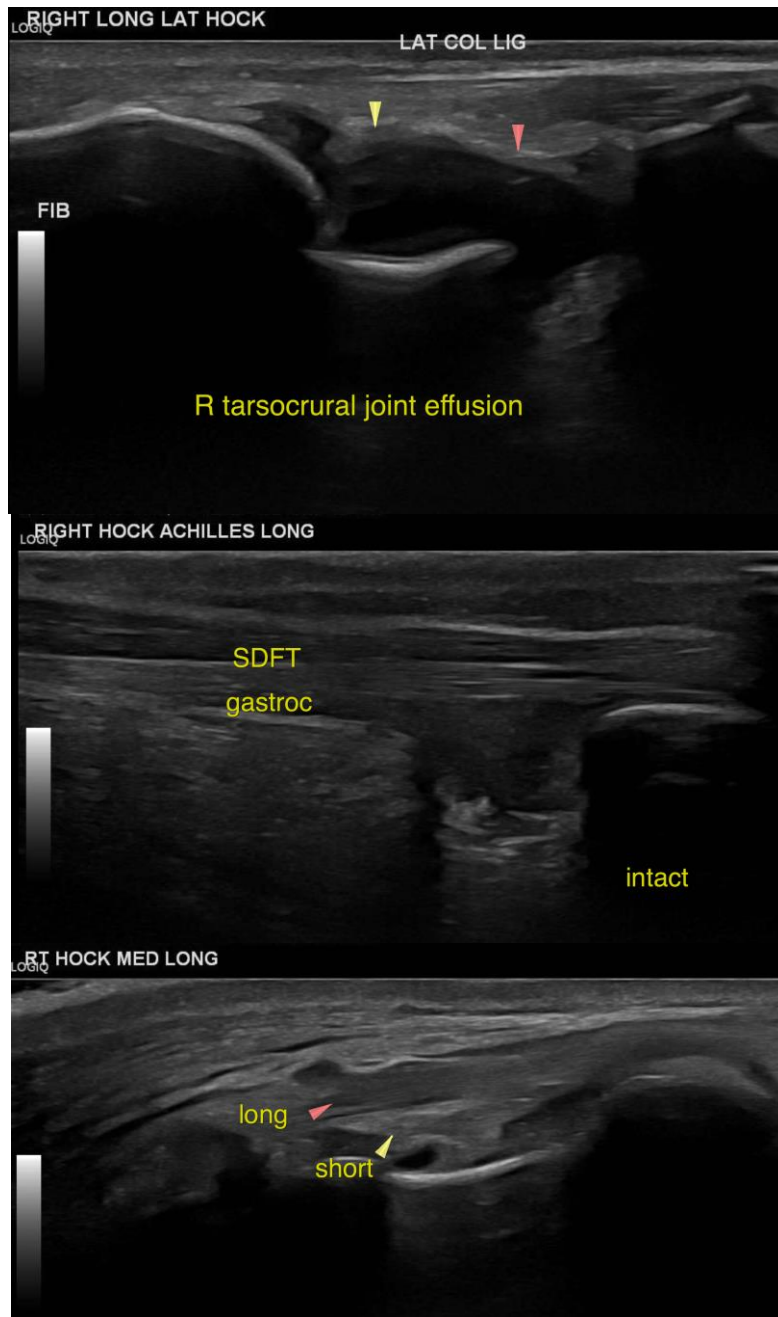
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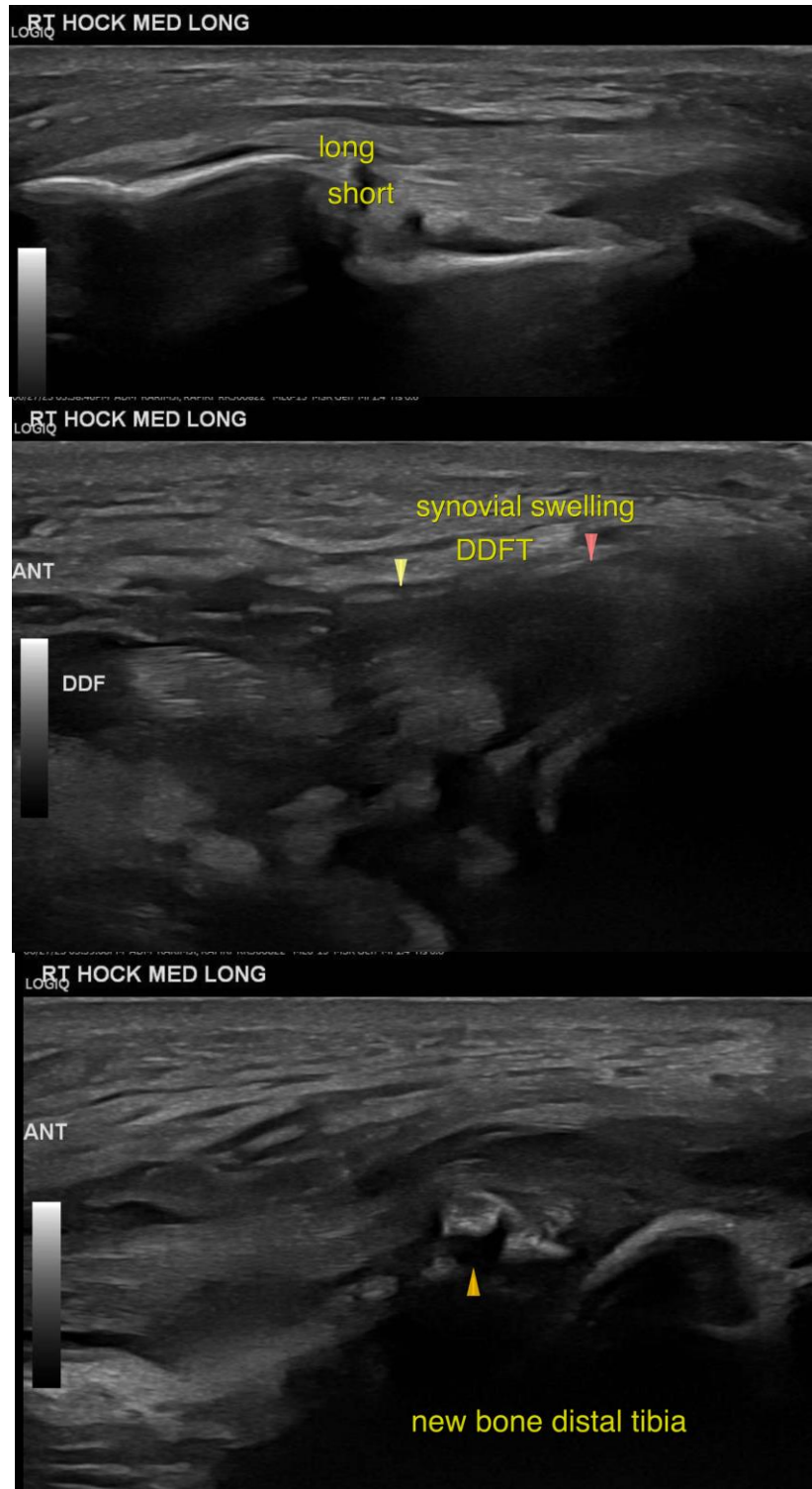
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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