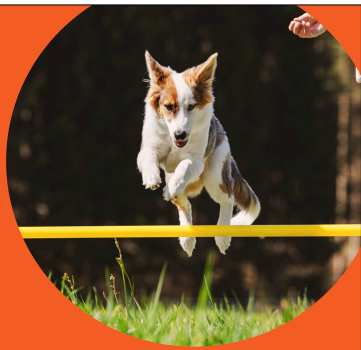


Ultrasound of the lateral and medial aspect of the stifle

Gilola Spattini
DVM, GP Cardio, CCRT, PhD, DECVI



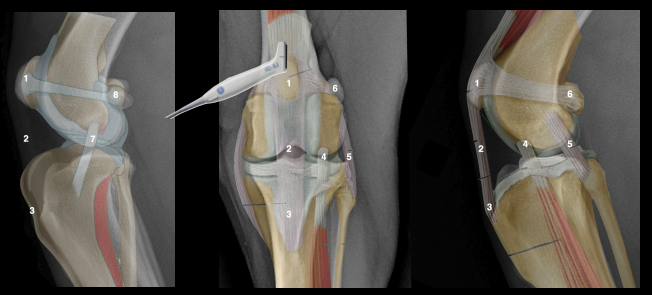
Thank to www.imaios.com

Stifle joint: 1-8

Medial face

Cranial face

Lateral face



Chupito, Shetland, MI, 4 months

- The patient was in the garden alone for one hour
- Since then (one week), abnormal gait right hind limb



Chupito, Shetland, MI, 4 months

Right tarsus hyperextension

Focal swelling lateral aspect of the right stifle



Left tarsus

Right tarsus

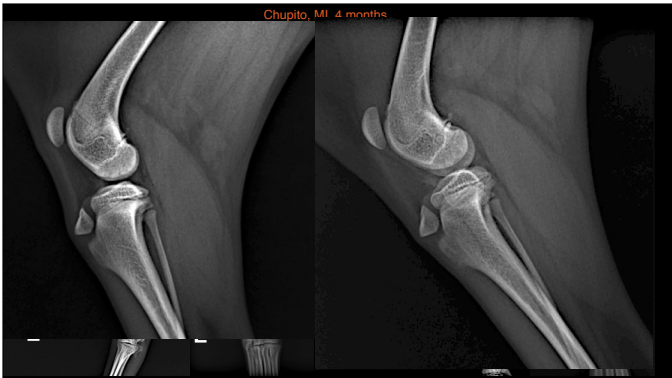


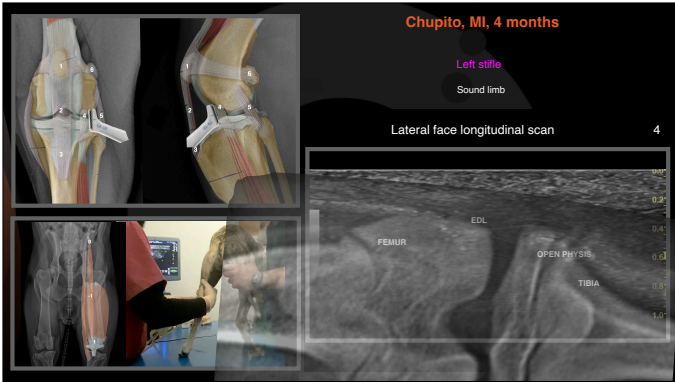
Chupito, MI, 4 months

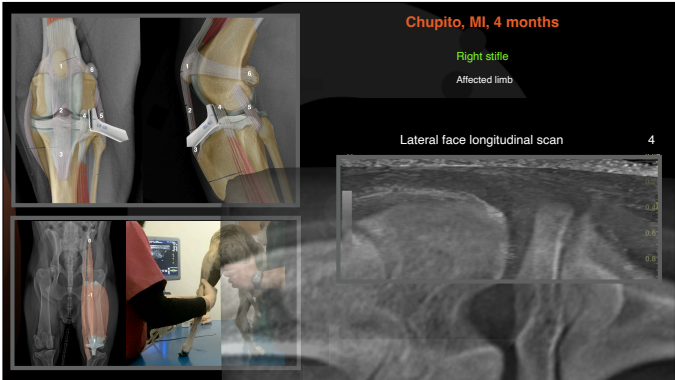


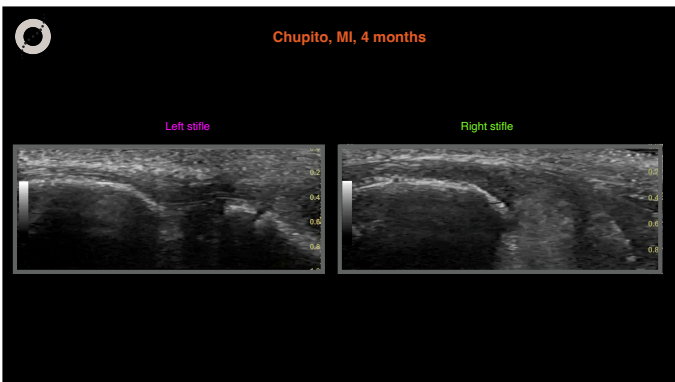
R

Chupito, MI 4 months









Chupito, Shetland , MI, 4 months

Ultrasonographic diagnoses:

- A suspected avulsed small fragment from the right extensor fossa
- Partial avulsion of the insertion of the right extensor digitorum longus



How to arrive to Conclusions:

- PE examination
- Blood works
- Ultrasonographic findings
- Literature



Literature

The screenshot shows a PubMed search results page. The search query is "extensor longus avulsion canine". The results are sorted by "Best match" and show 3 results. The first result is "Latter: Avulsion of the extensor digitorum longus muscle in the dog." by Sponopoulou KA, van der Kooij TS, van der Kooij TS, published in J Small Anim Pract 2019 Jun;17(5):478. The second result is "Avulsion of the extensor digitorum longus muscle in the dog: a report of four cases." by Pined M, published in J Small Anim Pract 2017 Dec;15(12):785-96. The third result is "Avulsion of the origin of the tendon of the extensor digitorum longus muscle in a Doberman pinscher." by Stokich A, published in J Equine Vet Science 2019 Jun;39(6):1111-1113. The page also includes a "RESULTS BY YEAR" graph showing a peak in 2019, and various filters for text availability, article attributes, and article types.

Chupito, Shetland, MI, 6 months

Two months recheck

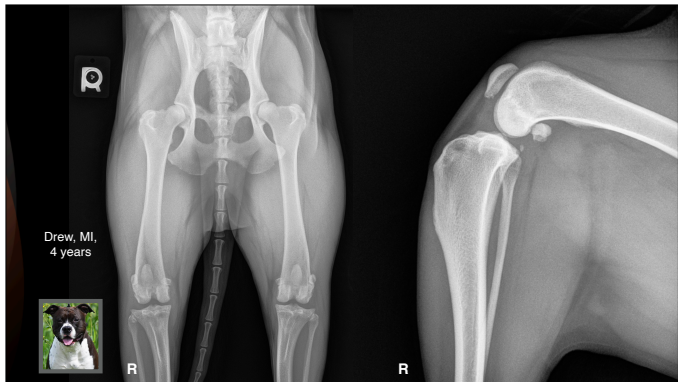
- Clinically fine
- Housed in an active family

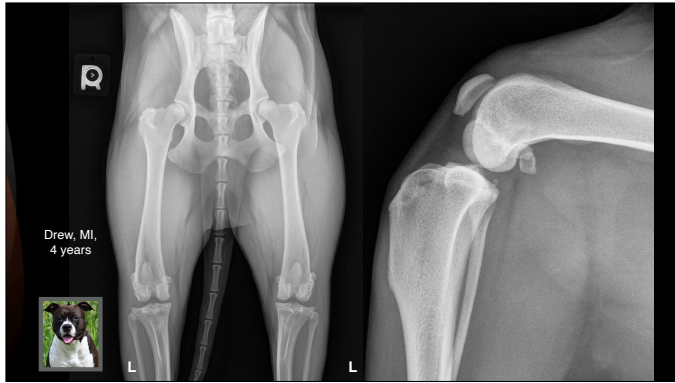


Drew, American Staffordshire, MI, 4 years

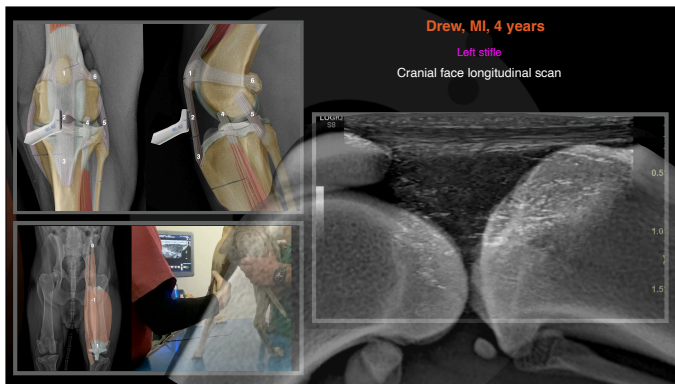
- Abnormal gait in the last two months
- Stable stifles on sedation
- Stoic patient
- Suspected pain on right stifle











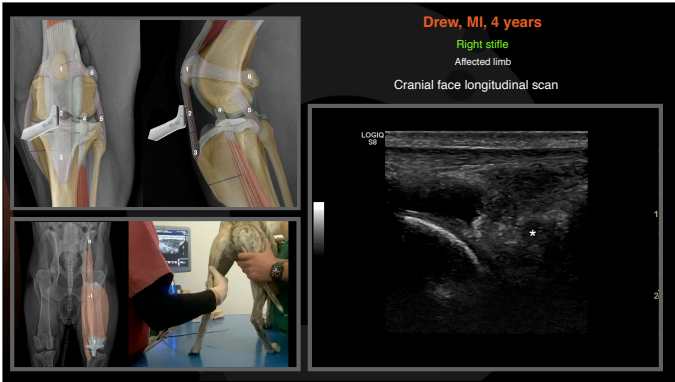
Drew, M, 4 years
 Left stifle
 Lateral face longitudinal scan

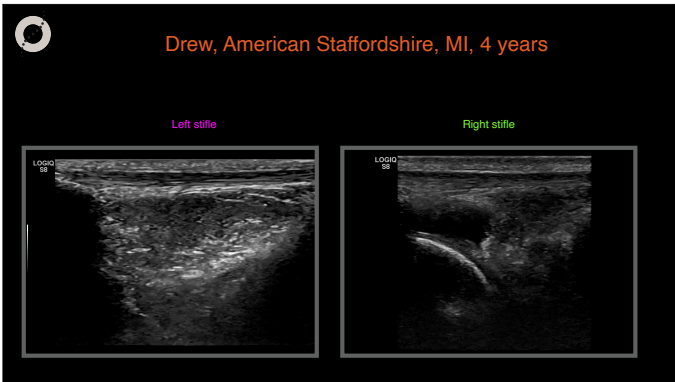
EXTENSOR DIGITORUM LONGUS
 MENISCUS
 FEMUR
 TIBIA

Drew, M, 4 years
 Left stifle
 Lateral face longitudinal scan

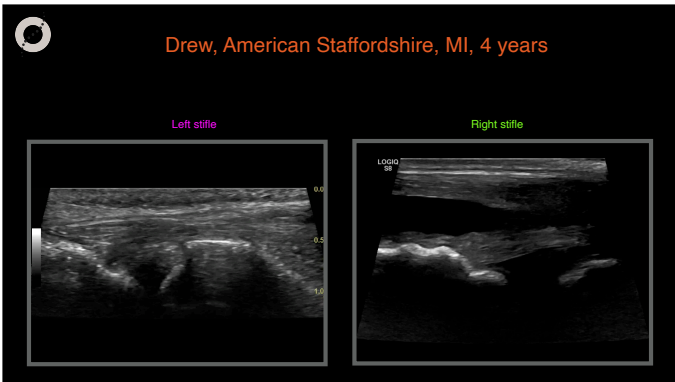
LOGO

Drew, M, 4 years
 Left stifle
 Medial face longitudinal scan

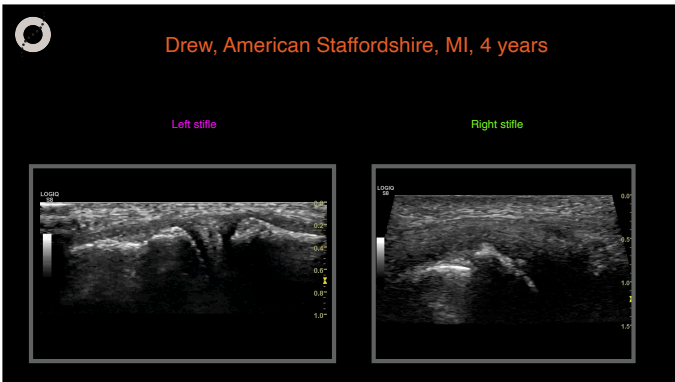












Drew, American Staffordshire, MI, 4 years

Ultrasonographic diagnoses:

- Right stifle effusion
- Distended right extensor digitorum longus
- Suspected medial meniscal tear

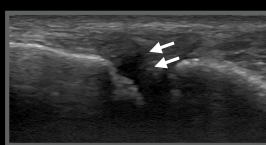
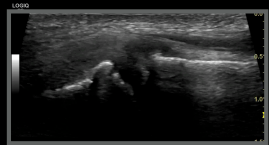
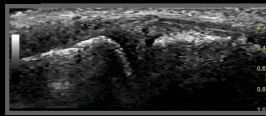


Conclusions:

- Partial CCL rupture and medial meniscus tear identified at surgery

US of the meniscus

Comparison of ultrasonography and magnetic resonance imaging to arthroscopy for diagnosing medial meniscal lesions in dogs with cranial cruciate ligament deficiency



Thank you



Diagnostic Mindset

www.diagnosticmindset.com
