



PATIENT

Cooper Fee

SPECIES

Canine

BREED

Wheaton Terrier

SEX

MN

AGE

11 Years

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Points East West
Veterinary Services

REFERRING VET

David Lane

INVOICE

50344

DATE

2-16-22

PRESENTING CLINICAL SIGNS

Subjective gait analysis and physical examination findings consistent with lumbar pain, including psoas major and iliopsoas tendon pain that failed to respond to the normal treatment program. Radiographs show no coxofemoral, lumbar, or lumbosacral issues. However, despite a lack of physical examination findings indicating stifle disease, there is mild effusion evident in both stifles, with no concurrent osteophytic lesions.

ULTRASONOGRAPHIC FINDINGS

Left iliopsoas muscles/tendons/insertion:

The displayed iliopsoas muscle shows a mildly abnormal pattern with hyperechoic patchy areas. Towards the insertion at the lesser trochanter (LT) a small hyperechoic structure of 0.16 cm is recognized presenting a small hypoechoic halo and distal acoustic shadowing. The bone surface at the level of the insertion is mildly irregular.

The psoas major muscle volume appears normal, muscle fibers are intact and seen in continuity.

There are no signs of fluid pooling within the muscle texture.

Right iliopsoas muscles/tendons/insertion:

On the right there is mild loss of detail noted caused by hyperechoic shadowing likely originating from the fascial and muscular layers. The displayed iliopsoas muscle appears diffusely hyperechoic, a normal echogenic texture is indicated. The muscle volume appears normal, muscle fibers appear intact and are seen in continuity. Fluid pooling within the muscle texture is not detected. The bone surface at the level of the insertion is mildly irregular.

Coxofemoral joint left/right:

There is no evidence of relevant synovial thickening or joint effusion. Both sides present subtle formation of osteophytes.

ULTRASONOGRAPHIC DIAGNOSIS

- Abnormal muscle pattern left iliopsoas with hyperechoic patchy areas and a small, mineralized structure at the level of the insertion LT
- Diffusely hyperechoic musculature right iliopsoas/psoas major muscles
- Subtle degenerative changes of the coxofemoral joints



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

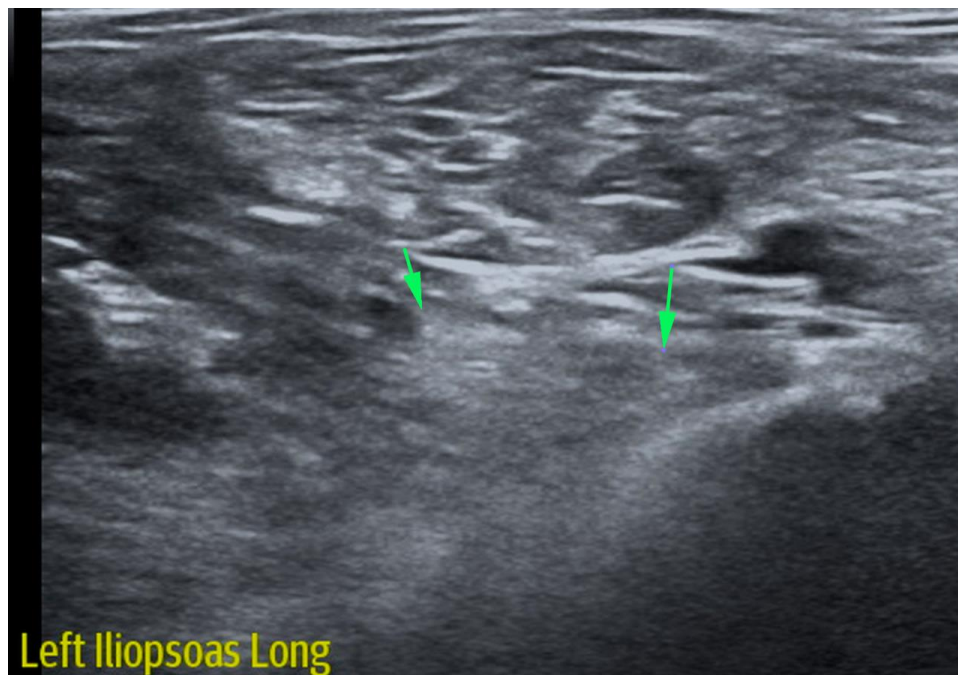
The hyperechoic patchy areas within the muscles on the left speak for a psoas-myopathy/myositis. Similar findings are possible on the right hidden by the diffusely hyperechoic musculature.

The small, mineralized structure on the left could show a small avulsion/fragmentation/partial rupture or calcifying bursitis.

The mildly irregular bone surfaces at the lesser trochanter are still within normal limits.

The diffusely hyperechoic musculature on the right side may indicate an inflammatory process such as diffuse phlegmon/myositis. Abscess formation or relevant signs of hematoma, rupture etc. are not noted.

The changes of both coxofemoral joints reflect subtle degenerative joint disease, are age-appropriate and likely not of clinical relevance.





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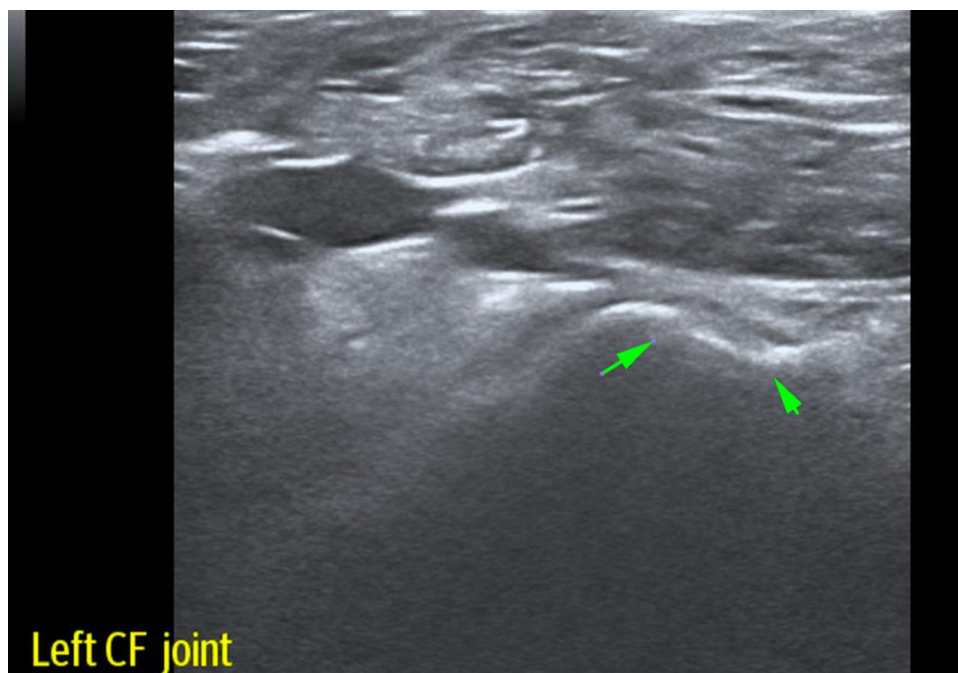
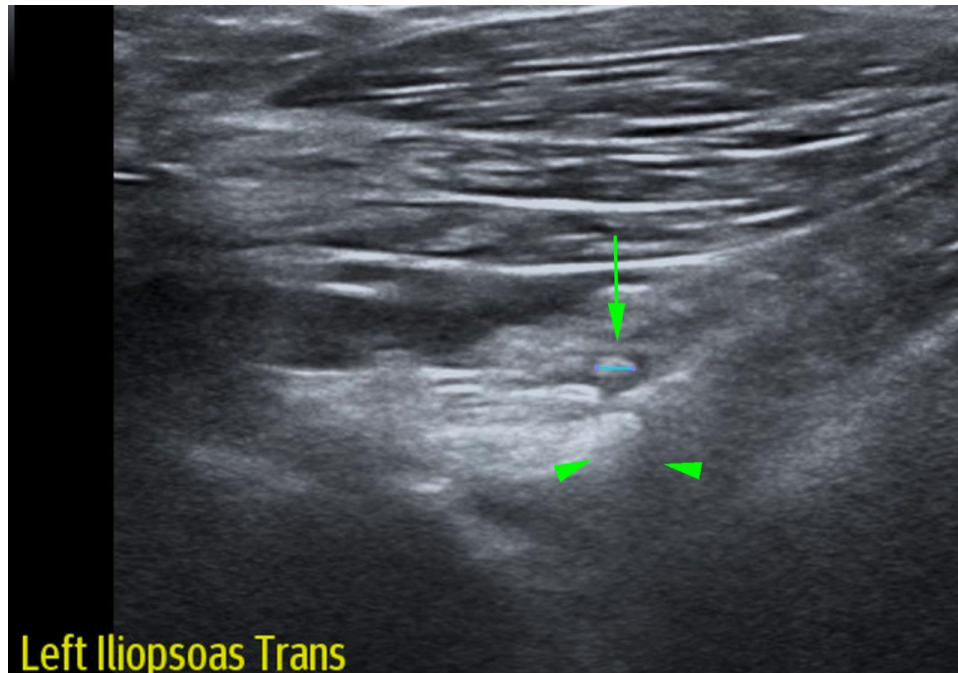
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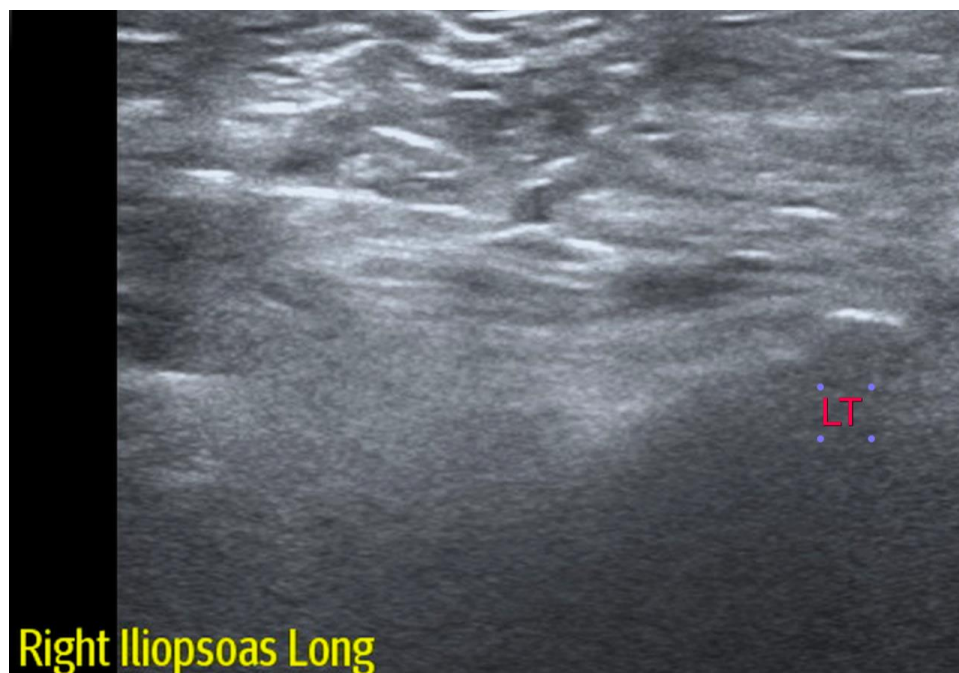
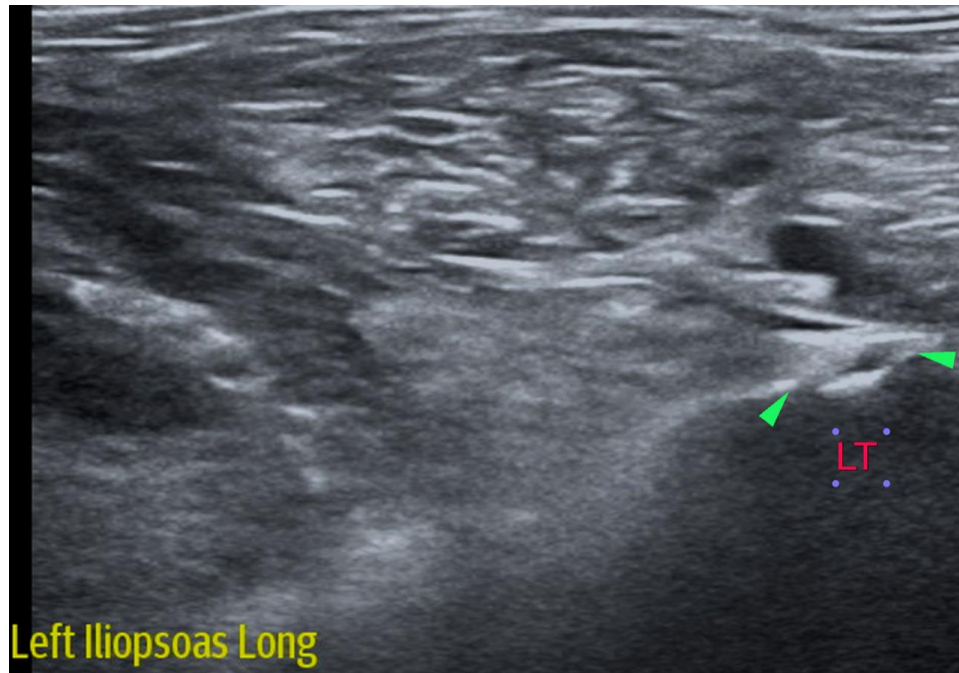
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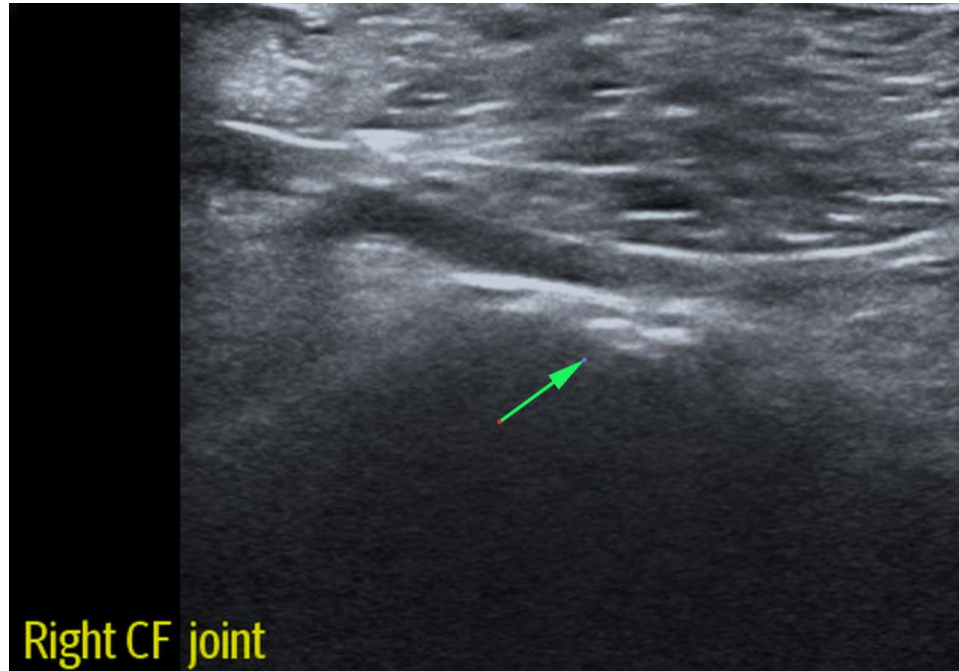
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
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