



**PATIENT**

Lilly Writer

**PRESENTING CLINICAL SIGNS**

Bilateral elbow OA; bilateral Knee laxity on exam:

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

Right stifle:

There is mild joint effusion and significant synovial thickening noted especially at the level of the medial and lateral joint aspects. Patellar bone surface is mildly irregular at its cranial tip. There is no evidence of thickening or edema in the course of the patellar ligament. The femoral cartilage appears irregular and thinned. Formation of osteophytes is recognized at the lateral and medial margins of the femoral condyles and the proximal tibia.

**BREED**

Bull Dog

**SEX**

FS

The intraarticular fat body appears significantly inhomogeneous and hyperechoic with mild cystic changes. Continuity of the cranial cruciate ligament is indicated.

**AGE**

10

Both menisci are highly inhomogeneous with marked hyperechoic changes towards the joint space.

Left stifle:

There is mild to moderate joint effusion and synovial thickening noted especially at the level of the medial and lateral joint aspects (more than right). The patellar ligament is inconspicuous. The femoral cartilage appears irregular and thinned. Formation of osteophytes is recognized at the lateral and medial margins of the femoral condyles and the proximal tibia (more than right).

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

The intraarticular fat body appears significantly inhomogeneous and hyperechoic with cystic changes.

**HOSPITAL NAME**

Colorado Animal  
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Emergency

The cranial cruciate ligament is not seen in continuity. There is a hyperechoic ligamental stump with a halo of edema/joint effusion indicated.

Both menisci are highly inhomogeneous with marked hyperechoic changes towards the joint space.

**REFERRING VET**

James Gaynor

**ULTRASONOGRAPHIC DIAGNOSIS**

- Suspected complete rupture of the left cranial CL
- Severe degenerative changes of the stifle including osteoarthrosis/-arthritis, thinning of the joint cartilage, joint effusion and synovial thickening left more than right
- Significant bilateral meniscal degeneration

**INVOICE**

50294

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2-14-22



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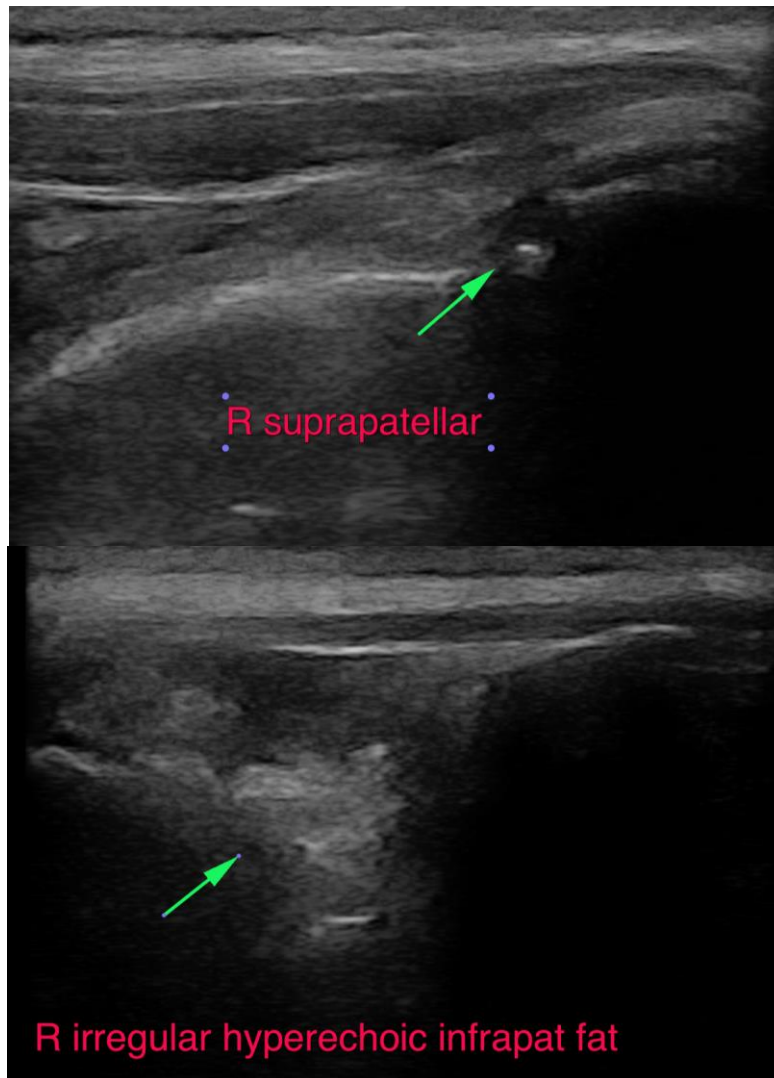
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2-14-22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The sonographic findings of the stifles must be correlated with the clinical presentation. Complete rupture of the cranial CL is suspected on the left side. Fibers of the right cranial CL are indicated aligning with the normal, expected course. Both stifles more obvious on the left side show significant and chronic degenerative changes including formation of osteophytes at all displayed joint levels, thinning of the joint cartilage and meniscal degeneration as well as synovial thickening.

A lesion of the right cranial CL such as chronic partial ruptures and meniscal tearing especially of the medial menisci cannot be fully excluded. The chronic and degenerative findings could have been a triggering factor for cranial CL lesion on both sides.





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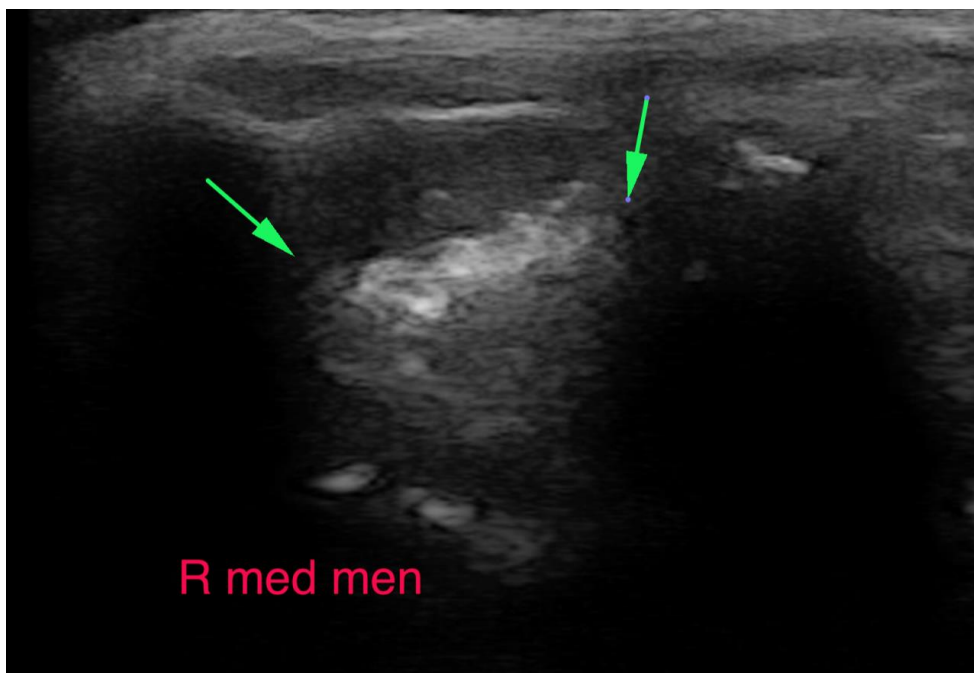
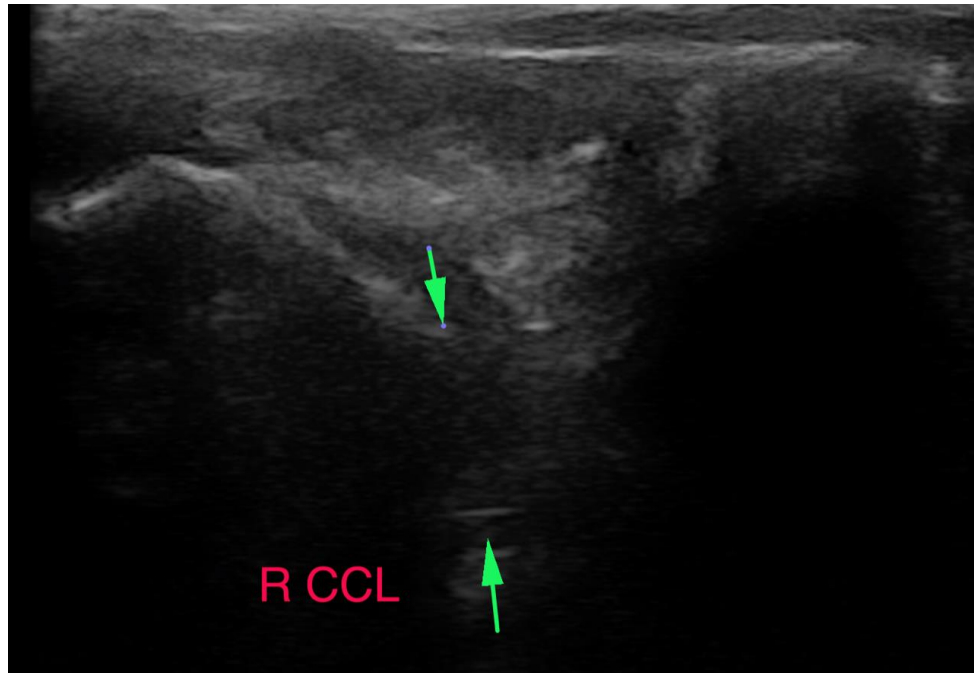
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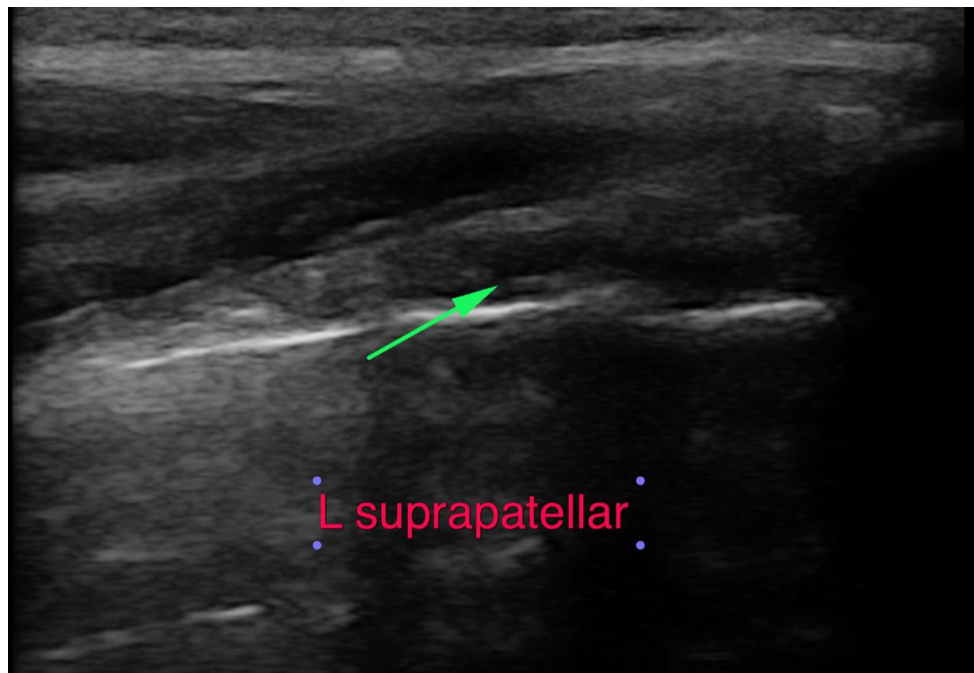
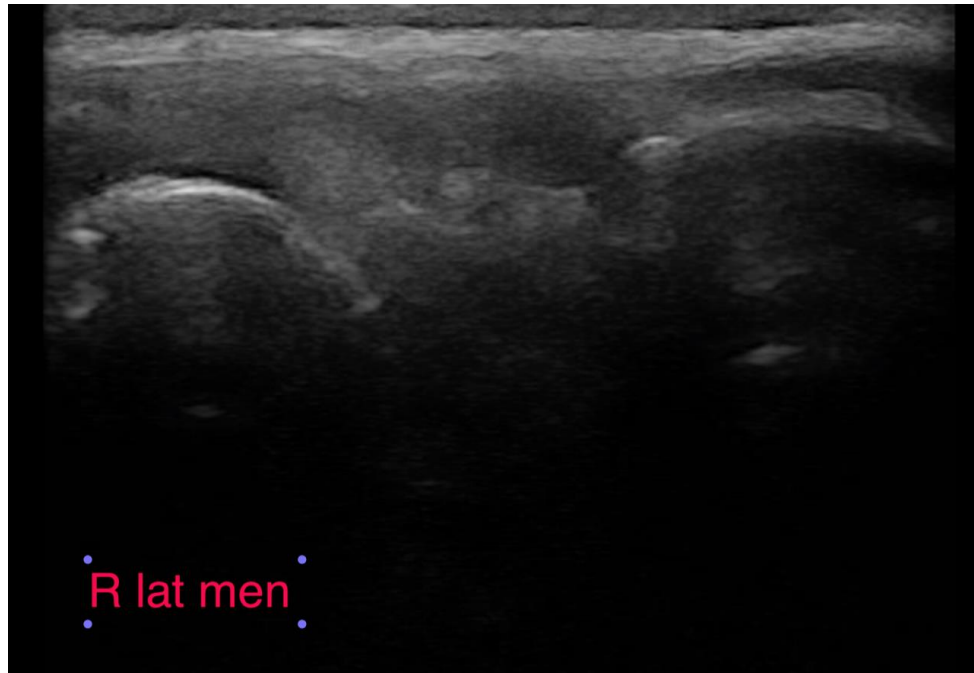
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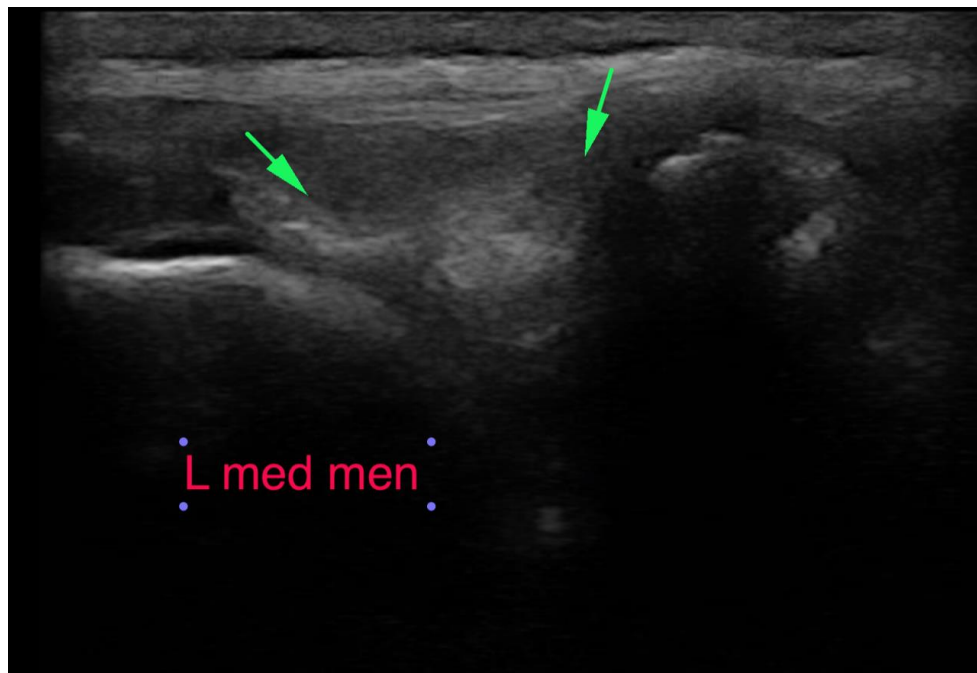
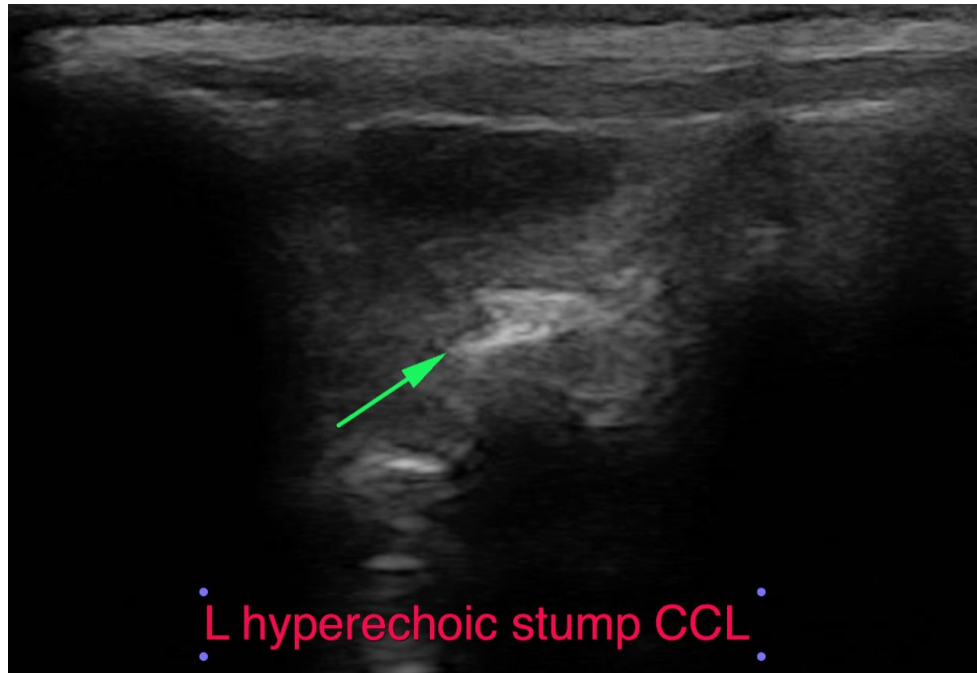
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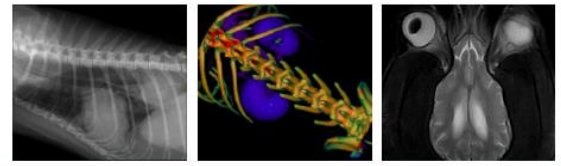
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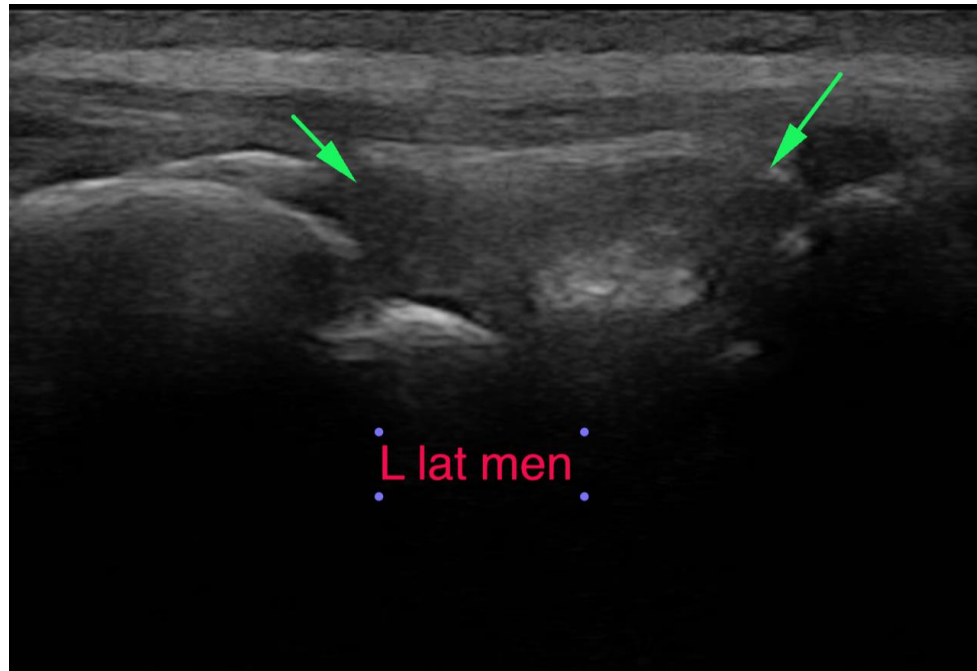
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**  
Sebastian.Jawinski@sonopath.com