



**PATIENT PRESENTING CLINICAL SIGNS**

**Toby Gervais** History: LH lameness for ~ 6 months, slowly getting worse until rehab and gabapentin started; now a significant improvement.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Bilateral grade 2 MPL with crepitus Pain in L caudomedial stifle joint. Moderate spasms and pin in L hip flexors and pain in both iliopsoas muscles; pain at L5/6  
**Canine**

**ULTRASONOGRAPHIC EXAMINATION OF THE STIFLES**

**BREED Right Stifle**

**Bichon Frise** There is subtle joint effusion and mild synovial thickening noted. The femoral trochlea shows subchondral irregularities with prominent formation of osteophytes at the femoral condyles and the medial and lateral bony surfaces.

**SEX**

**Neutered Male** The medial collateral ligament is not clearly defined and appears irregular and thickened. Mild accumulation of subcutaneous fluid is suspected caudal and medial to the joint.

**AGE**

**4 Years** The lateral collateral ligament is considered to be normal.  
 The intraarticular fat body appears mildly inhomogeneous.

**INTERPRETED BY**

Sebastian Jawinski,  
 German Board  
 Certified Vet Specialist  
 in Diagnostic Imaging

The cranial cruciate ligament is predominantly seen in continuity with an aligned course and mild hypoechoic halo. A small stump-like area is recognized.

Both menisci show a mildly irregular texture but no overt signs of displacement/tearing.

**Left Stifle**

**HOSPITAL NAME**

Cedarview AH

There is moderate joint effusion and moderate synovial thickening noted. The femoral cartilage shows marked chondral irregularities with prominent formation of osteophytes at the femoral condyles and the medial and lateral bony surfaces.

**REFERRING VET**

Nigel Gumley

Both collateral ligaments are considered to be normal.

The intraarticular fat body appears mildly inhomogeneous.

**INVOICE**

12685

The cranial cruciate ligament appears hypoechoic and is ill-defined with peripheral halo and hyperechoic, stump-like tissue. Partial alignment is assumed.

Both menisci show a mildly irregular texture but no overt signs of displacement/tearing.

**DATE**

11/26/21

**ULTRASONOGRAPHIC DIAGNOSIS**



**PATIENT**

Toby Gervais

- Bilateral degenerative changes of the stifles including osteoarthritis/-arthritis, joint effusion, synovial thickening and suspected chondropathy, more pronounced on the left
- Suspected (chronic) partial rupture of the left CCL
- Suspected (chronic) lesion of the right CCL
- Questionable subcutaneous fluid right medial/caudal (artificial?)

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Bichon Frise

The sonographic findings reflect the reported left hind lameness since partial rupture of the left CCL is suspected and degenerative changes are more prominent on the left side. Both sides show at least residual intact and aligned fibers, complete rupture therefore is unlikely from a sonographic perspective. Additional meniscal lesions cannot be fully excluded.

**SEX**

Neutered Male

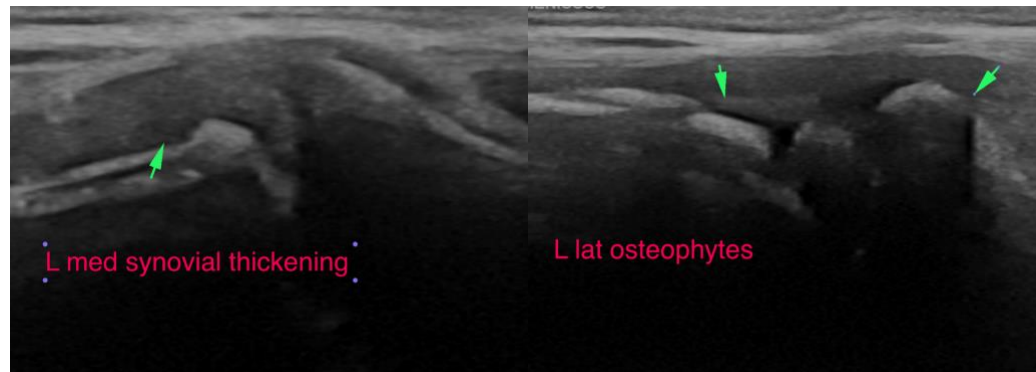
Degenerative joint disease is present on both sides again more on the left. These are more chronic findings, active/activated osteoarthritis however is possible especially on the left. This may be a predisposing factor for CCL lesions/ruptures. Findings must be correlated with the clinical presentation. Further diagnostic could be synovial sampling and/or intra-articular injection of the left stifle.

**AGE**

4 Years

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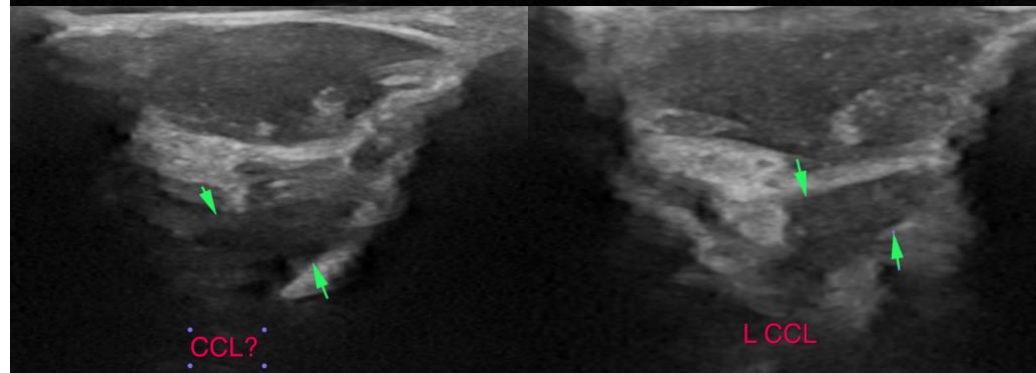


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**PATIENT**

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**SPECIES**

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**BREED**

Bichon Frise

**SEX**

Neutered Male

**AGE**

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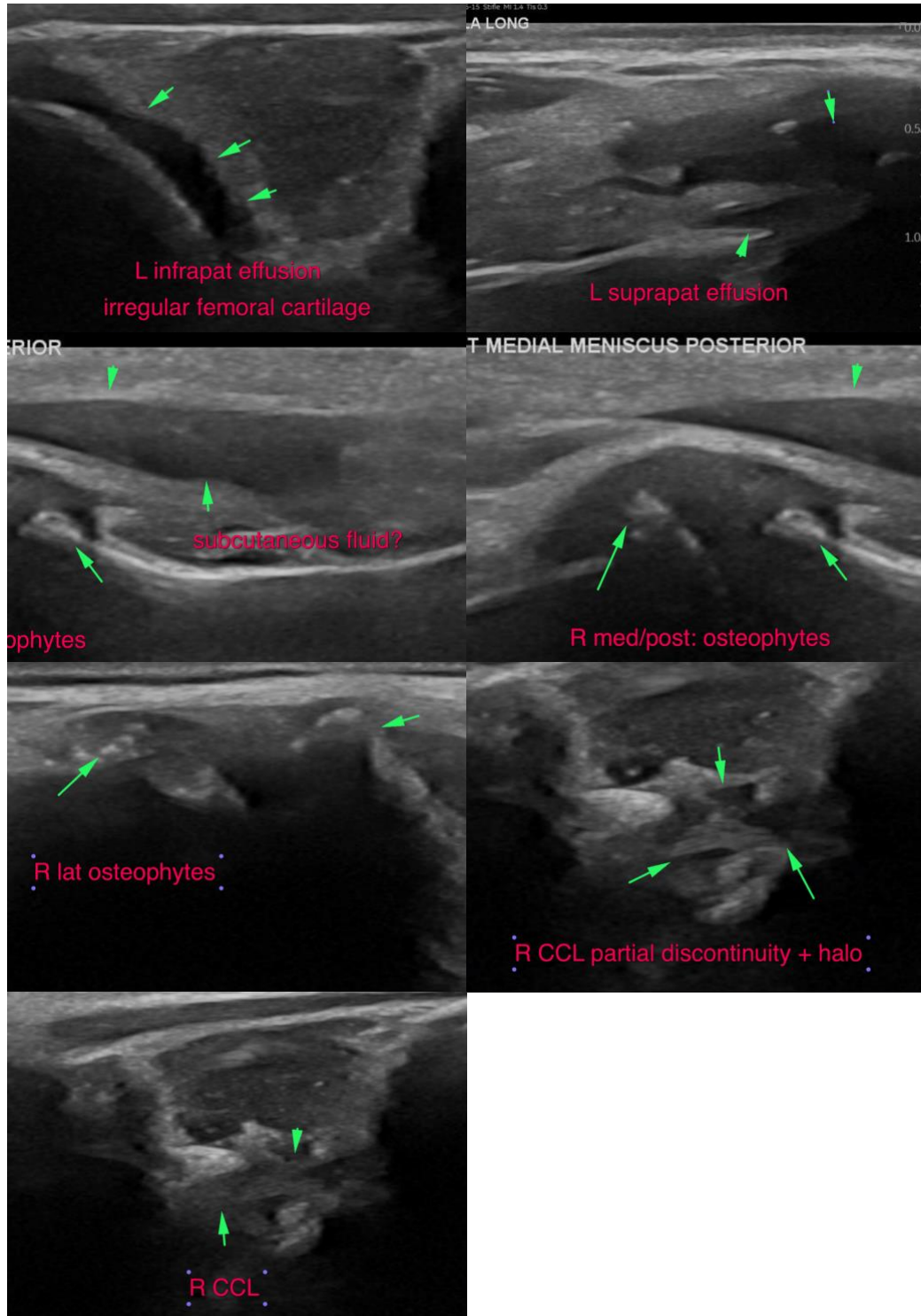
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**PATIENT**

Toby Gervais

**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.**

**SPECIES**

Canine

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  
info@sonopath.com

**BREED**

Bichon Frise

**SEX**

Neutered Male

**AGE**

4 Years

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