



PATIENT

Harley Schultz

PRESENTING CLINICAL SIGNS

RH CCL surgery 09/2015. Did well after surgery but for past couple years has received Galliprant 50mg SID for worsening RH lameness. In past 1 month lameness has dramatically worsened and now minimal to non weight bearing. Patient has been on a milk thistle holistic chewable supplement for elevated liver values. Markedly thickened R stifle w pain on palpation and manipulation, slight cranial drawer present. Patient also has mild dec range of motion with discomfort on extension bilateral CFJs
 Abnormal PE/Chem/CBC/UA Results: Unremarkable cbc/chems except: 12/14/20 - alt 215, alp 859 07/06/21 - alt 205, alp 715 09/29/21 - alt 224, alp 1156

SPECIES

Canine

BREED

Australian Shpd

COMPUTED TOMOGRAPHIC STUDY OF THE STIFLES

Plain study available for review.

SEX

FS

COMPUTED TOMOGRAPHIC FINDINGS

Patient has a history of cranial cruciate ligament repair with extracapsular technique. A metal sleeve is seen lateral of the femoral tibial joint and unfortunately causes significant beam hardening and streak artifacts.

AGE

13 Years

The right stifle joint presents articular swelling. Severe periarticular osteophyte formation is noted. The patella is in situ. No evidence of aggressive bone lesions is seen.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The assessment of the articular structures including the cruciate ligaments and menisci is, however, not possible on a plain study.

The popliteal lymph node presents mild symmetric enlargement.

There is no evidence of significant subchondral bone erosion.

HOSPITAL NAME

Family Pet Veterinary
 Center

The right hind limb musculature is reduced in volume when compared with the left side.

The CT presentation of the left stifle is within normal age related limits. The patella is in situ. No cranial subluxation is seen. There is no evidence of articular swelling, osteophytes, or aggressive bone lesions.

REFERRING VET

Ryan Southard

The left popliteal lymph node presents within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe osteoarthritis of the right stifle with history of cranial cruciate ligament injury and extracapsular repair.
- Mild regional lymphadenomegaly.

INVOICE

47866

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

10-18-21

The CT study reveals no evidence of aggressive bone lesions. The assessment is limited owing to beam hardening and streak artifacts emerging from the metal sleeve lateral of the knee; however, assessment of the menisci and cruciate ligaments in general is not possible with plain CT. If CT is to be used as a diagnostic tool in the knee, a CT arthrogram is required. However, in this case, I



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doubt this will significantly improve the diagnostic yield owing to the artifacts associated with the metal implant. This may also limit the assessment with MRI, however, it should be possible to retrieve useful information with MRI using the right technique and sequences. Other options would be ultrasound, aspiration and analysis of synovia, and/or arthroscopy.

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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.

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.

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