

PATIENT PRESENTING CLINICAL SIGNS

Stella Lopez History: Bilateral hindlimb lameness. Non-weight bearing left hindleg. Has immune-mediated polyarthritis.

SPECIES Abnormal PE/Chem/CBC/UA Results: QAR mms-pink EEnt-enucleated right eye (from previous tumor) Ln-wnl skin-wnl Ms- cranial cruciate tear right hind. bilaterally painful swollen knees. Severe Crepitus palpated on left .
Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS

BREED

Chihuahua

A high resolution pre- and post-contrast CT study of the hind limbs is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Spayed Female

The medial iliac lymph nodes are prominent.

The lumbosacral junction presents no abnormalities.

AGE

8 Years 5 Months

Advanced atrophy of the musculature of the left hind limb is seen and the osseous structures of the left hind limb present a decreased width of the cortices.

The osseous and surrounding soft tissue structures of the pelvis are within normal limits. Both coxofemoral joints present smooth osseous margins and congruent joint spaces.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The periarticular bones of both stifle joints present moderate osteophyte new bone formation, L>R. The synovial lining of the left stifle joint is moderately thickened. Both stifle joints present a significant intracapsular soft tissue swelling, displacing the fascial plane caudally and the infrapatellar fat-pad cranially. The tibial plateau of the stifle joints is elongated caudally. The subchondral bone of the tibial plateau bilaterally and the femoral condyles is mildly irregular. The joint space of the stifle joints is narrowed.

HOSPITAL NAME

Mobile Pet Imaging

The tarsal joints present without abnormalities.

REFERRING VET

Dr. Meaux

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of immune mediated polyarthritis – possibly erosive if affecting the stifle joints
- Caudal elongation tibial plateau bilaterally
- Narrowed joint space stifle joints bilaterally
- Marked articular swelling stifle joints bilaterally
- Advanced disuse atrophy musculature left hind limb and accompanying osteopenia
- Lymphadenopathy medial iliac lymph nodes

INVOICE

21793

DATE

3/24/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Stella Lopez

The changes of both stifle joints are suggestive for bilateral chronic failure of the cranial cruciate ligament. The narrowed joint space is concerning for accompanying meniscal pathology and loss of joint cartilage. The small defects of the subchondral bone – accentuated the lateral femoral condyle – can be either due to degenerative osseous cyst like lesions or is a sequela to erosive arthritis (history of immune mediated arthritis) or infectious arthritis. Recommend complementing workup by a synovial tap of the stifle joints. Check clinically for positive drawer sign/tibial compression test.

SPECIES

Canine

The advanced changes of the stifle joints are a plausible explanation for the hind limb lameness. As the appreciated osseous changes + likely damage of the joint cartilage of the stifle joint are irreversible, the prognosis for remission of lameness is guarded.

BREED

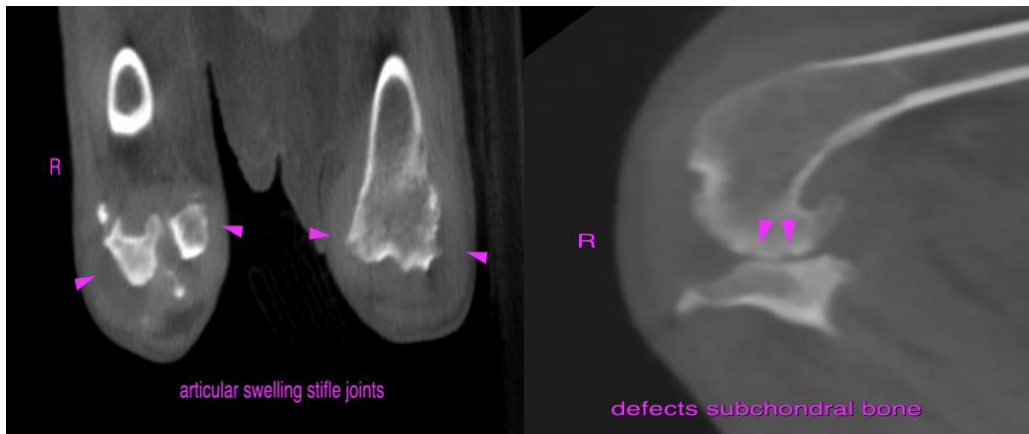
Chihuahua

SEX

Spayed Female

AGE

8 Years 5 Months



articular swelling stifle joints

defects subchondral bone

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collapsed joint space stifle joint

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Dr. Meaux

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.

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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 Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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Chihuahua

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