



PATIENT PRESENTING CLINICAL SIGNS

Zoey Preston TTA in ~2020 and did well post-op. Lameness has recurred and is now toe-touching left pelvic limb.

COMPUTED TOMOGRAPHIC STUDY OF THE STIFLES & THORAX

SPECIES
Canine
Plain and post contrast studies of the stifles and the post contrast study of the thorax available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Stifles

German Shepard Patient has a history of TTA of the left stifle in 2020.

SEX
The left hind limb presents moderate atrophy of the musculature and bone.

FS The fork and cage of the TTA are intact and in situ. The osteotomy is mostly filled with osseous callous with regular architecture.

AGE
6 Years Moderate to severe swelling of the left stifle joint is seen with extensive thickening of the joint's synovium and fluid accumulation within the supra- and infra- patellar recesses. There is a moderate to severe amount of periarticular new bone which in part presents a mildly unsharp surface. Small cystic subchondral bone defects are seen within the proximal tibia and distal femur. No overt aggressive osteolytic lesions are noted.

INTERPRETED BY Thorax

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

HOSPITAL NAME

Mobile Pet Imaging The cardiovascular structures including the pulmonary vasculature are within normal limits.

CFL The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

REFERRING VET

Borecky The lung parenchyma presents the expected architecture and attenuation behavior. The left lung presents moderate atelectasis.
Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

INVOICE

52069

DATE

5-12-22

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Arthropathy with moderate to severe osteoarthritic changes of the left stifle approximately two years after TTA - no evidence of implant failure or loosening.
- Moderate to severe disuse atrophy of the musculature and bone in the left hind limb.



PATIENT • Normal age related CT findings of the thorax.

Zoey Preston

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The CT study reveals left stifle arthropathy with moderate to severe signs of osteoarthritis and extensive articular swelling two years after TTA. Differential diagnosis includes meniscopathy such as medial meniscal injury, arthritis, and less likely early articular neoplasia. Consider the following steps to further define: 1. Aspiration and analysis of synovia as well as fine needle aspiration or biopsy of the joint capsule; 2. MRI of the stifle in order to rule out meniscal injury, which usually should be possible after TTA.

BREED

German Shepard

SEX

FS

AGE

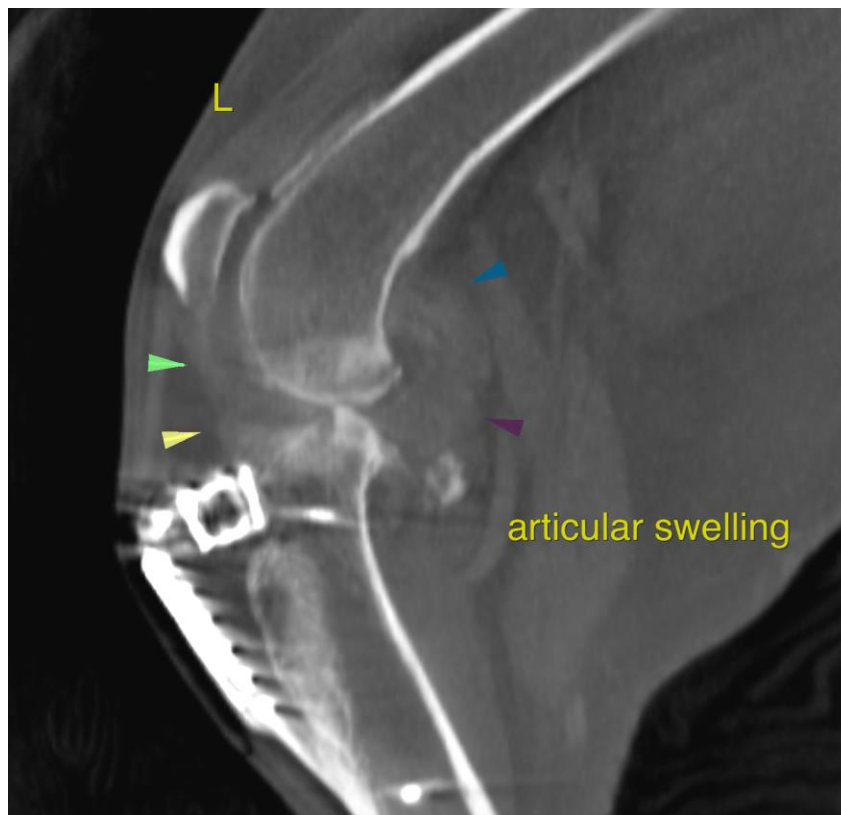
6 Years

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
CFL



REFERRING VET

Borecky

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.

INVOICE

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