



PATIENT

Pizookie Eichler

PRESENTING CLINICAL SIGNS

bilateral cruciate repairs, one performed 1 year ago and one performed 4 years ago acutely lame, limping mainly on left leg, clicking concerned for issues with hips and lower spine/pelvis p was playing in yard and became painful shortly after

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, STIFLES, LUMBOSACRAL JUNCTION, & PELVIS

Plain and post contrast studies of the head, stifles, lumbosacral junction, and pelvis available for review.

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Lab

COMPUTED TOMOGRAPHIC FINDINGS

Stifles

Patient has a history of bilateral TTA surgery due to cranial cruciate ligament rupture.

SEX

Female Spayed

The osteotomies are healed completely.

AGE

10 Years

The left hind limb presents reduced muscle volume.

Bilateral moderate articular swelling of the stifle joint is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Multifocal subchondral bone erosion and cystic defects in the subchondral bone are seen in the proximal tibia and distal femur in both stifles; left more than right.

The implants appear to be in situ and intact.

The popliteal lymph nodes present within normal limits.

HOSPITAL NAME

Animal Emergency
Hospital Volusia

Pelvis & Lumbosacral Junction

Both coxofemoral joints present mild osteoarthritic changes; the right more than the left.

Moderate degenerative lumbosacral stenosis with moderate intervertebral disc protrusion, sclerosis of the vertebral end plates, vertebral end plate remodeling, and spondylosis deformans is seen.

REFERRING VET

Dr. Van Nieuwal

The remainder of the lumbar spine presents within normal limits.

A subcutaneous nodule is noted in the caudodorsal midline.

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Head

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

DATE

7-28-22

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous



PATIENT lining of the nasal cavities is intact.

Pizookie Eichler Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

SPECIES Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

Canine

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5 , the attenuation and contrast enhancement pattern is uniform.

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The salivary glands present within normal limits.

The visible dentition is within normal limits.

SEX

COMPUTED TOMOGRAPHIC DIAGNOSIS

Female Spayed

- History of bilateral TTA.
- Bilateral chronic erosive arthropathy of the stifles.
- Suspect degenerative lumbosacral stenosis.
- Mild bilateral coxofemoral joint osteoarthritis – right more than left.
- Atrophy of the left hind limb musculature – likely due to disuse.

AGE

10 Years

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The CT study reveals bilateral chronic erosive arthropathy of the stifles which is more pronounced in the left when compared with the right stifle; however, bilateral. Immune mediated and vector induced arthritis are primary differential diagnoses. Septic arthritis is a secondary differential diagnosis that cannot be ruled out entirely. Further definition by means of aspiration and analysis of synovia is recommended. The potential for articular neoplasia appears to be low.

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Note the presence of degenerative lumbosacral stenosis which may influence the clinical picture as well. Differential diagnosis includes chronic low grade discospondylitis.

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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.

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.

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