



PATIENT

Silva Brzezniak

SPECIES

Canine

BREED

Bullmastiff

SEX

F

AGE

7Y

WEIGHT

70kg

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

IMAGING PERFORMED BY

J Allan

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

REFERRING VET

Dr Rimon Ekladous

INVOICE

73478

DATE

1-26-26

PRESENTING CLINICAL SIGNS

History:

- Acute onset of severe non-weight-bearing lameness started last week. The patient was fine in the morning and then by 3 PM could not put any weight on the leg. A fever developed later that night, requiring hospitalization.
- * Relevant Medical History:
 - - Plate placed in the leg approximately 2 years ago for a TPLO
 - - Was not eating for a couple of days but is now eating and drinking well.
 - - Required a towel sling to be moved due to inability to bear weight. Has started to put slight weight on the leg in the last couple of days but is still hobbling.
- Diagnostic Test Results:
 - - X-rays performed last week: No significant findings noted.
 - - Joint tap performed last week: Showed "lots of inflammatory cells" but no bacteria.
- *Assessment
 - - Summary: Acute, severe lameness in a leg with a pre-existing surgical plate. Initial diagnostics (X-ray, joint tap) suggest a significant inflammatory process without evidence of infection, although infection has not been completely ruled out. A fever was noted post-incident.
 - - Differential Diagnoses:
 - - Inflammatory reaction to the surgical implant.
 - - Meniscal tear.
 - - Septic arthritis (despite negative culture on joint tap).
 - CT Femur/Stifles

COMPUTED TOMOGRAPHY OF THE STIFLES

Plain studies provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The lumbosacral transition shows a severe disc protrusion at the level of L7-S1 with dorsal elevation and an indicated compression of the cauda. There is marked degeneration noted with formation of ventral spondylosis. The bony structures of the pelvis are inconspicuous with breed-appropriate dysplastic coxofemoral joints. Relevant degenerative findings are not noted at this level. Both femurs are inconspicuous.

On the right side markedly reduced bone density is noted in the intercondylar region of the distal femur, with narrowed cortical lines and cystic erosive changes. There are severe osteophytic new bone formations noted at all joint levels with marked articular swelling.

The plate in the proximal tibia, which is not fully displayed, appears without relevant reactions.

Findings are nearly similar on the left side, but less obvious. The left stifle presents moderate osteoarthritis with osteophytic reactions at all joint levels and mild to moderate synovial thickening and articular swelling.



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The musculature of the thighs shows mildly right-pronounced atrophy.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severely reduced bone density intercondylar region right distal femur with severe chronic degenerative joint disease and signs of an active osteoarthritis/synovitis
- Moderate osteoarthritis, left stifle.
- Suspected compression equine cauda L7-S1

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes in the bone density of the intercondylar region on the right side do match with the clinically reported symptoms and likely represent bone edema due to bone bruise and/or an aggressive bone lesion as seen with severe osteomyelitis. I do not suspect neoplasia. The stifle itself presents advanced and severe osteoarthritis with an assumed activation.

The displayed parts of the tibial plate are inconspicuous. The left stifle shows moderate osteoarthritis.

The findings of the lumbosacral transition must be correlated with the clinical presentation. A higher grade of compression of the equine cauda is possible under dynamic conditions.





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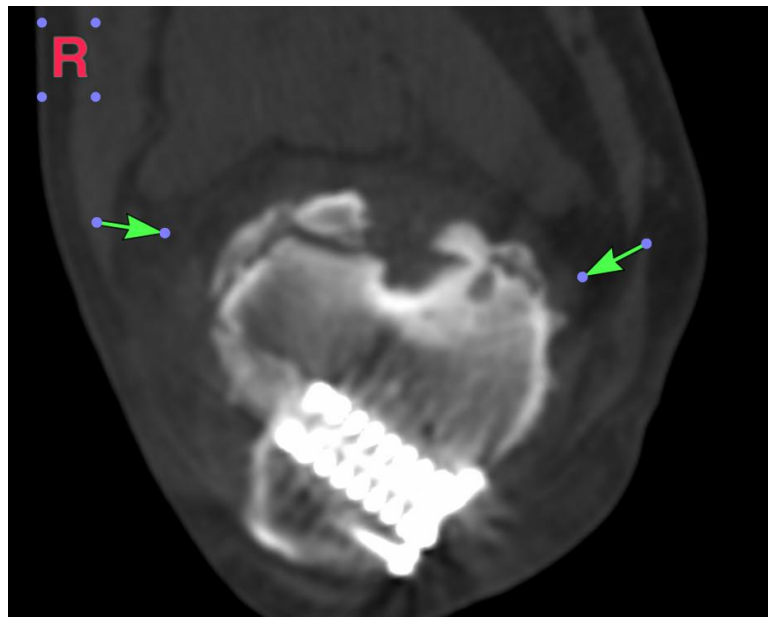
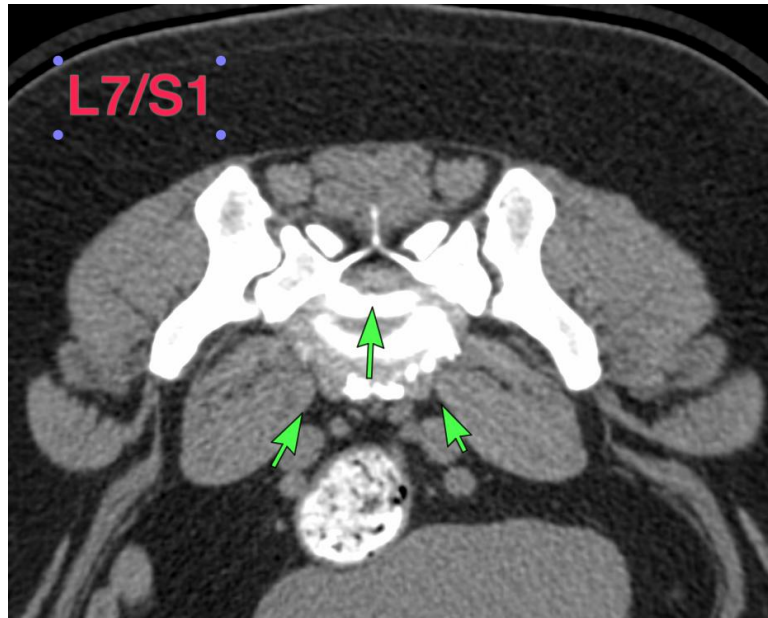
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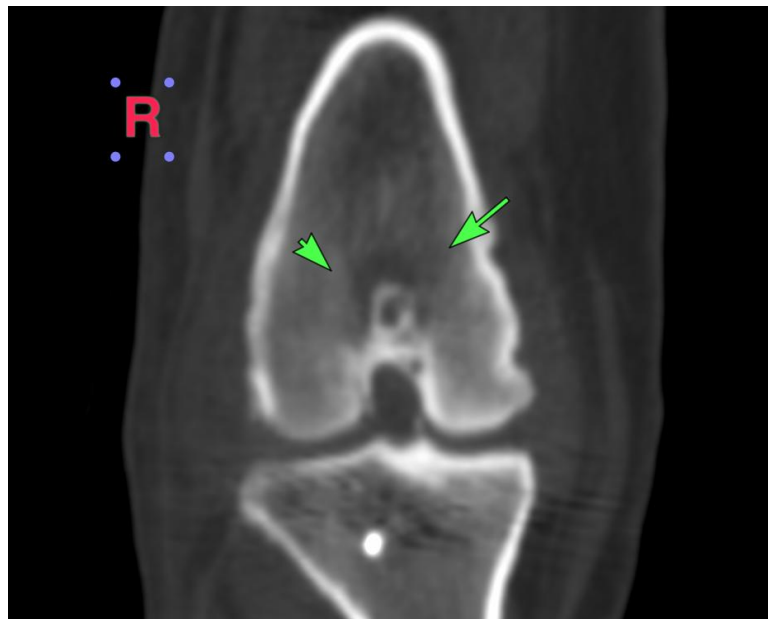
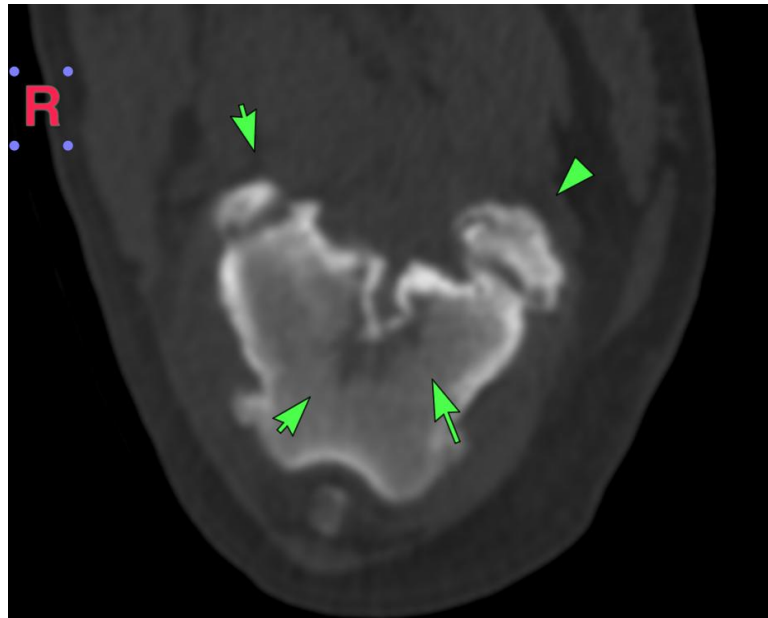
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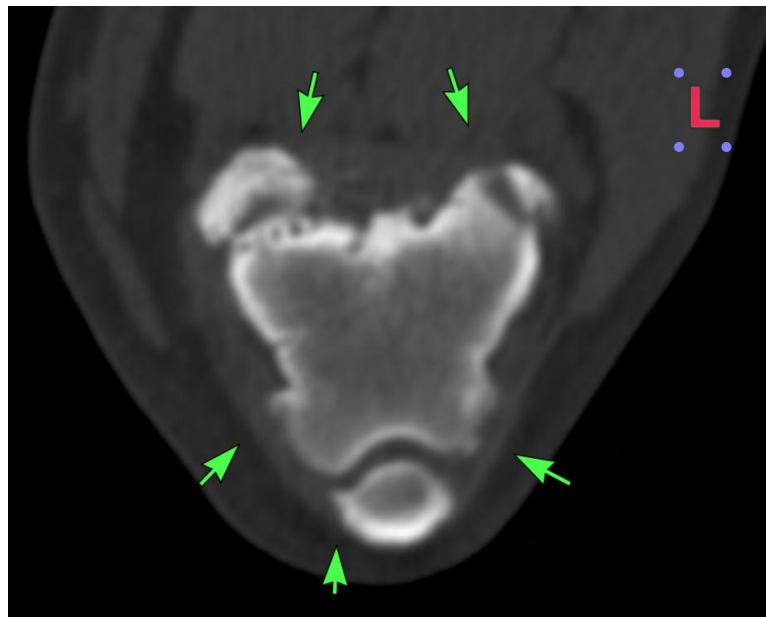
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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