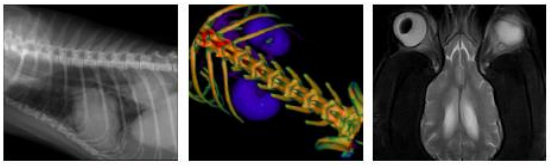

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Rylee Witzgall

SPECIES

Canine

BREED

Boxer mix

SEX

Female

AGE

1 Year, 6 Months

INTERPRETED BY

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging

HOSPITAL NAME

Animal Surgical Center

REFERRING VET

Manetto Hill Animal Hospital

INVOICE

57222

DATE

3-14-23

PRESENTING CLINICAL SIGNS

bilateral patellar luxation. Bilateral stifle effusion. History of right MPL

RADIOGRAPHIC STUDY OF THE PELVIS & STIFLES

Pelvis/coxofemoral joints/thighs:

The bony structures of the pelvis, the sacroiliac joints and thighs are unremarkable. There is no evidence of a lytic/sclerotic process noted.

The coxofemoral joints bilaterally present slight formation of osteophytes at the level of the cranial acetabulum and an irregular sclerosis of the subchondral acetabular joint surface with incongruency of the joint space left more than right. Relevant remodeling of the femoral head/neck is not detected.

Stifles:

Both stifles present moderate formation of osteophytes including especially the distal part of the patella and the medial and lateral femoral condyles. The patellar ligament presents as expected. Evidence of a fracture and/or sub-/luxation is not recognized. Sesamoid bones are bilaterally unremarkable. The lateral aspect of the tibial plateau appears prominent on both sides. Moderate synovial thickening and joint effusion with mild cranial displacement of the intraarticular fat body are noted. Musculature of the thighs is bilaterally symmetrical without signs of unilateral atrophy.

Tarsal joints look normal, achilles tendons are intact and clearly delimited.

RADIOGRAPHIC DIAGNOSIS

- Mild, bilateral degenerative changes of the coxofemoral joints
- Moderate osteoarthrosis of both stifles with increased joint effusion and suspected synovial thickening

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes of the coxofemoral joints are mild and consistent with mild canine hip dysplasia. The incongruent joint space and the irregular sclerosis as well as the mild formation of osteophytes of the acetabulum would go along with that assumption.

Both stifles present moderate osteoarthrosis with signs of an active arthritis/synovitis. These changes could be due to a chronic instability and/or match with the reported luxation of the patella. Additionally, lesions or injuries of the intraarticular structures (CCL, cartilage, menisci or other ligaments) cannot be completely excluded. Next diagnostic steps could be an orthopedic ultrasound of the stifles to evaluate the menisci, the joint cartilage and the CCL as well as sampling of the synovia/joint effusion to rule out infectious/auto-immune disease.

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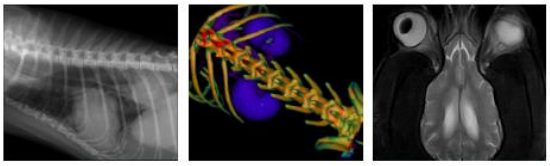

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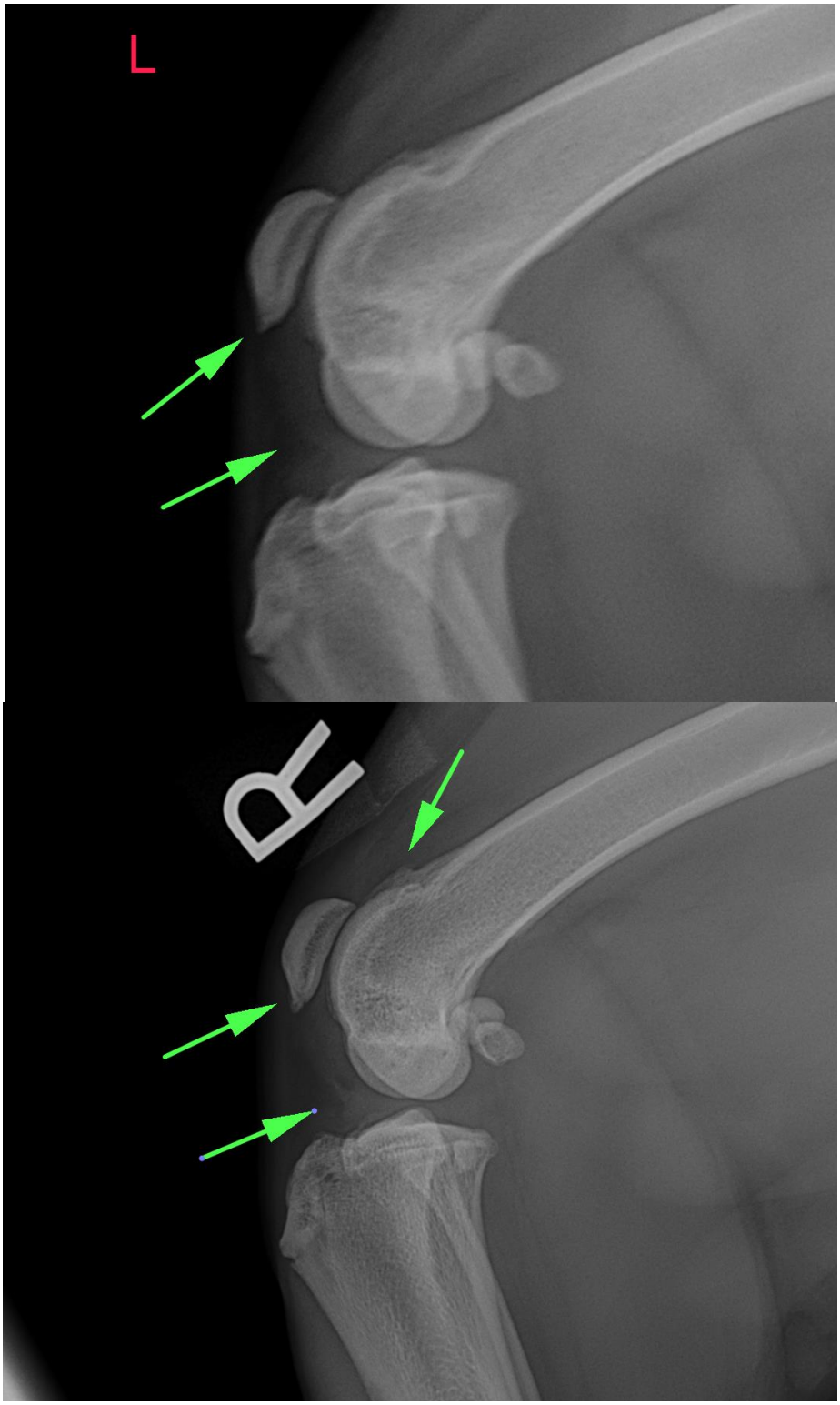

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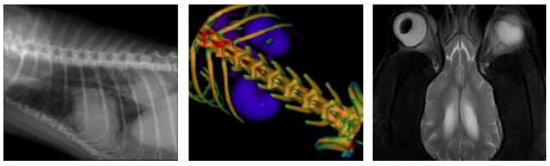

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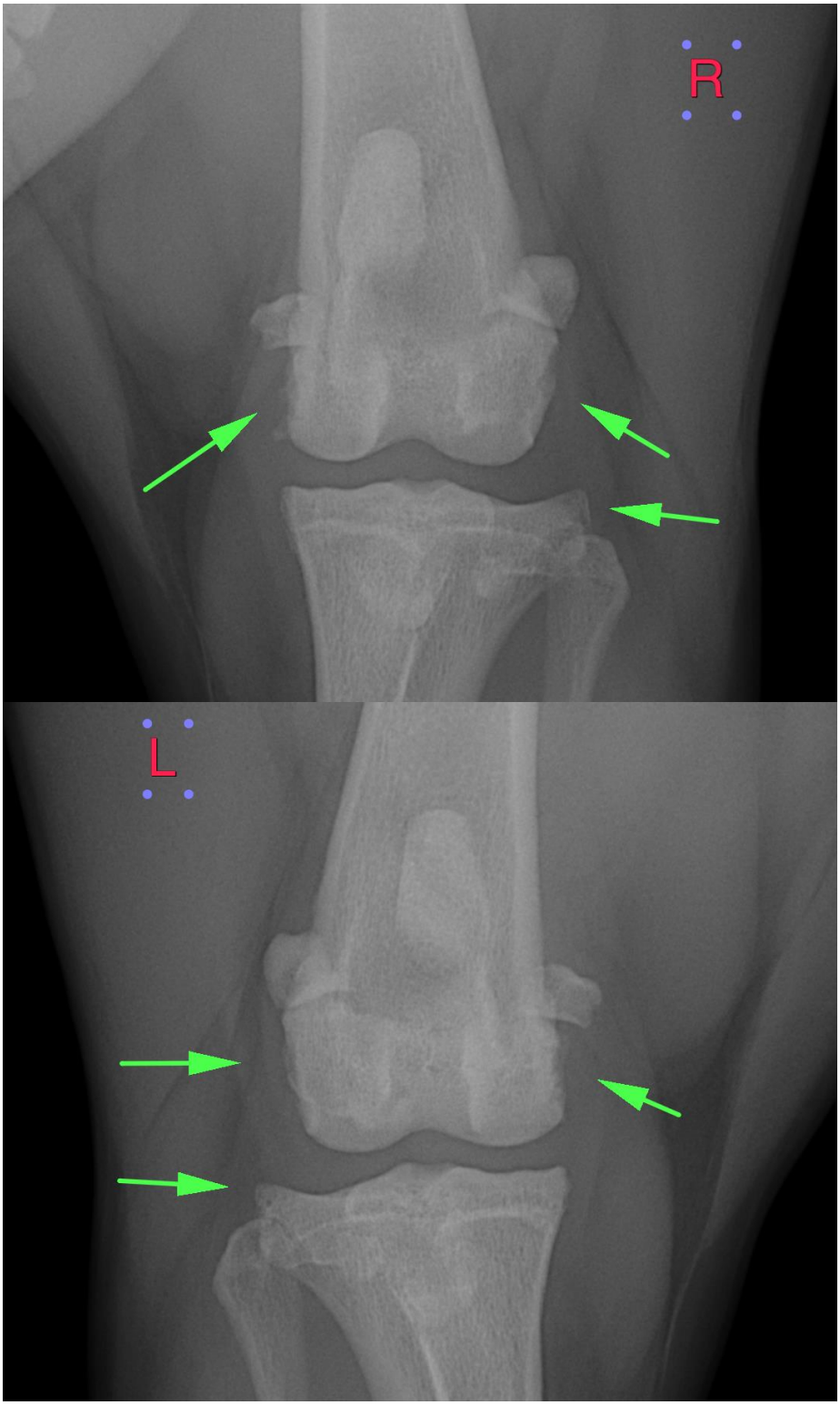

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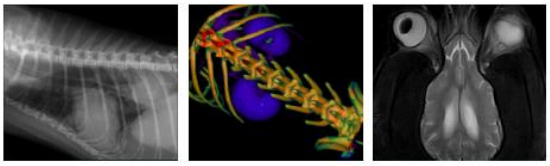

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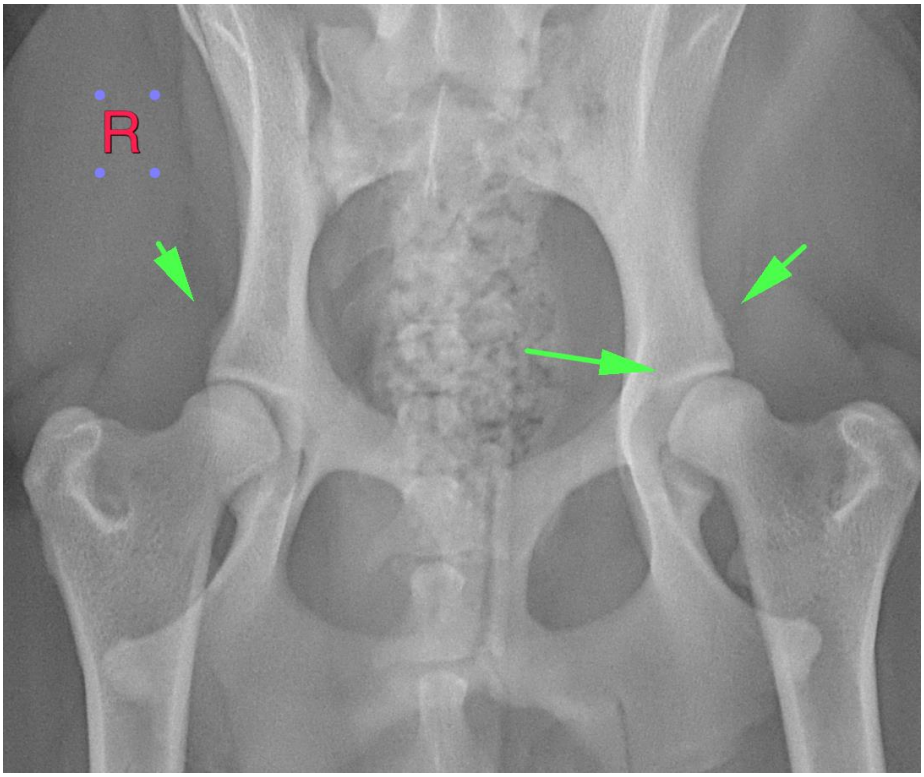

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Sebastian.Jawinski@sonopath.com