



## PATIENT

Peanut Walter

## SPECIES

Canine

## BREED

Pug

## SEX

FS

## AGE

1Y

## WEIGHT

6.83kg

## INTERPRETED BY

Sebastian Jawinski,  
German Board  
Certified Vet Specialist  
in Diagnostic Imaging

## IMAGING PERFORMED BY

Janice

## HOSPITAL NAME

Bridgwater Veterinary  
Hospital and Wellness  
Centre

## REFERRING VET

Dr. R. Knudson

## INVOICE

74687

## DATE

4-21-26

## PRESENTING CLINICAL SIGNS

LH intermittent non-weight bearing lameness after jumping off a snowbank onto an icy sidewalk. X-rays revealed bilateral grade 2/4 medially luxating patellas, distal femoral varus, proximal tibial valgus and internal rotation of the tibias. CT of pelvic limbs to fully evaluate angular limb deformities for surgical planning.

Abnormal PE/Chem/CBC/UA Results: Slightly increased WBC, decreased plt, increased ALT

## COMPUTED TOMOGRAPHY OF THE HIND LIMBS

Plain study provided for review.

## COMPUTED TOMOGRAPHIC FINDINGS

The presented spine shows a harmonic course with inconspicuous vertebral bodies. Bone density is within normal limits. There are no signs of a lytic or sclerotic process noted. As far as can be assessed, a compressive lesion is not recognized. The paravertebral soft tissues are bilaterally symmetrical, especially the course of the femoral and sciatic nerves is inconspicuous. Unilateral atrophy of the paraspinal and/or pelvic musculature is not noted.

The bony structures of the pelvis and the sacroiliac joints are unremarkable. There is no evidence of a lytic process noted. The coxofemoral joints present an incongruent joint space. There is no relevant formation of osteophytes recognized. There is no evidence of a fracture or subluxation.

Both hindlimbs present a significant genu varus formation with a lateral extension of the tibial plateau and a medial patella luxation on both sides. The patella is located on the medial femoral condyle presenting mild osteophytic changes at the level of the femoral condyle. There is hypoplasia/aplasia of the left medial sesamoid bone (medial gastrocnemius) noted.

The right medial sesamoid bone is inconspicuous. Relevant filling or swelling of the intraarticular and periarticular structures are not recognized.

The distal parts of the limbs, including the tarsal joints, appear inconspicuous.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral genu varus formation with signs of chronic medial patella luxation
- Incongruent coxo-femoral joints
- Hypoplasia/Aplasia left medial sesamoid bone (left medial gastrocnemius muscle)

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The genu varus formation on both sides is somewhat breed-expected. Both patellae present medial luxation with mild osteophytic reactions of the medial femoral condyle, which indicate a chronic and mobile luxation. The incongruent joint space of both stifles as well as the lateral extension of the joint spaces indicate some degree of instability. There are no signs of a fracture and/or complete luxation noted.



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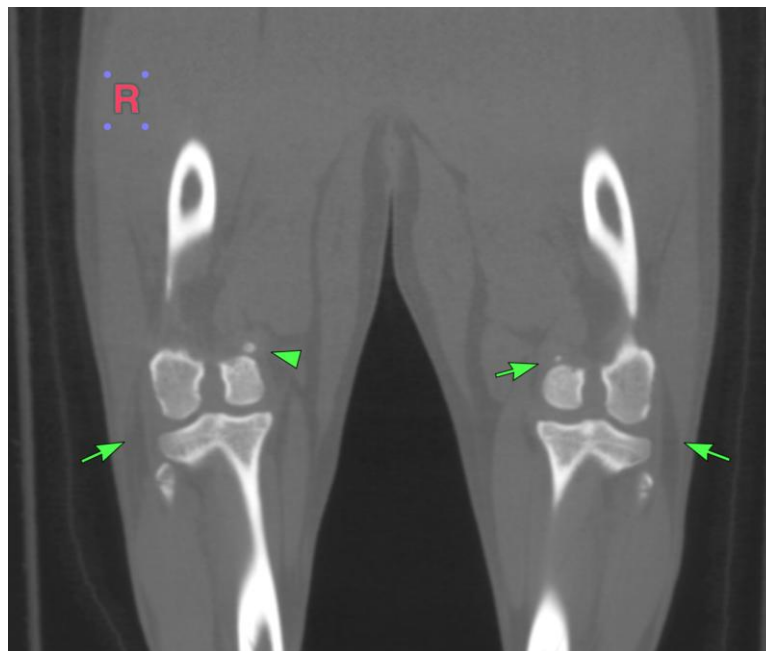
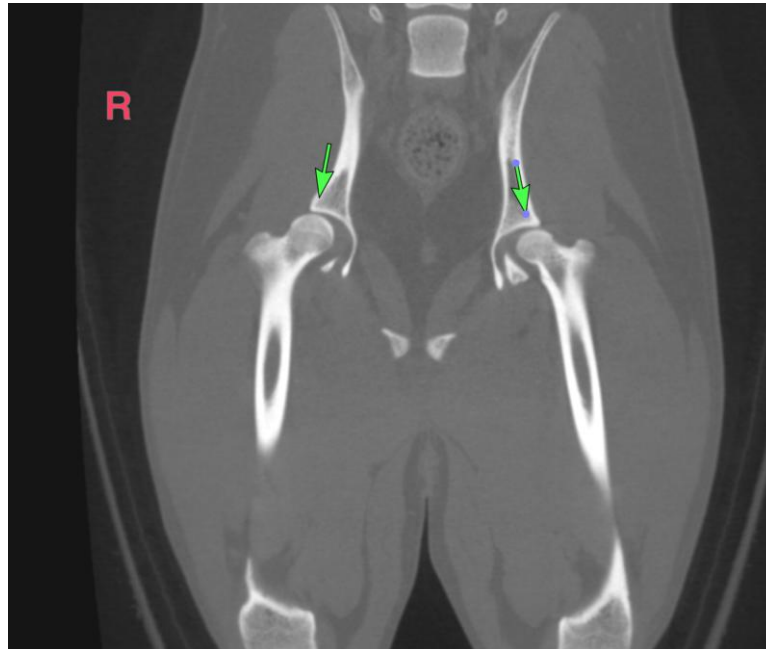
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The incongruent coxo-femoral joints on both sides indicate an increased laxity, currently without relevant degenerative changes. The distal parts of both hind limbs are inconspicuous.





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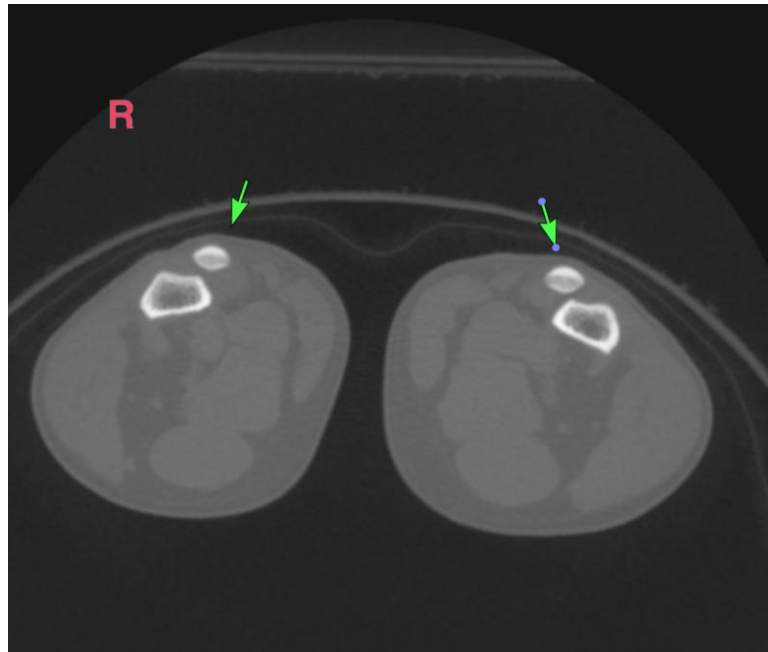
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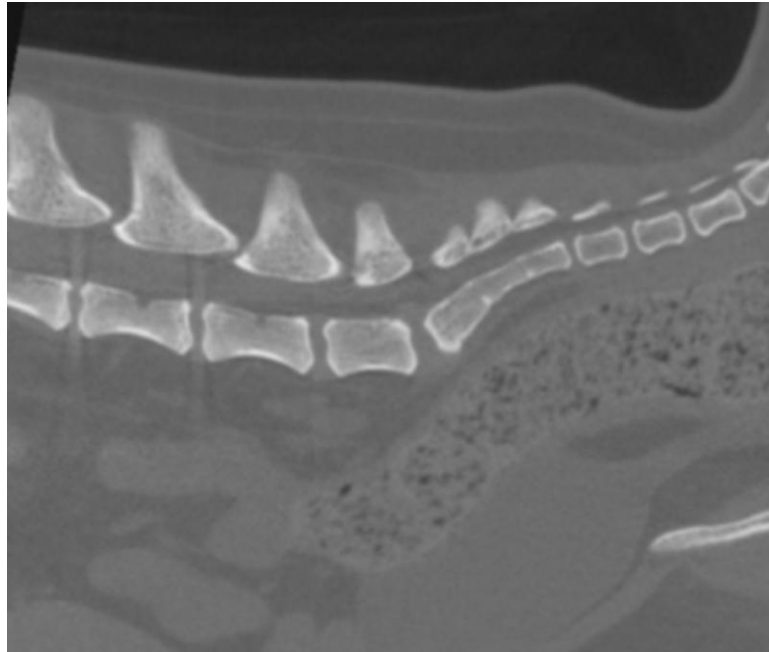
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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](mailto:info@sonopath.com)