



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Brandi Kelnhofer **PRESENTING CLINICAL SIGNS** History: Hx of bilateral tpo surgeries. seems to be limping on the right HL. also, owner states that Brandi also has a hx of collapsing

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE LUMBAR SPINE AND HIND LIMBS**

**SPECIES** Canine A high resolution pre- and post-contrast CT study of the lumbar spine and hind limbs are provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** Golden Retriever Mix Mild to moderate motion artefacts are seen along the lumbar spine.

**SEX**

Spayed Female

The bony and surrounding soft tissue structures reveal no abnormalities. In the subcutaneous tissue at the right dorsal aspect level L6/L7 a well-defined, uniform soft tissue attenuating nodule is visible, measuring 2.7 x 1.4 x 2.3 cm in size.

**AGE**

8 Years

The vertebral endplates T12/T13, L4/L5, L6/L7 and L7/S1 present moderate spondylosis formation. The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying 60% of the cross-sectional area of the vertebral canal at the same level.

In the subcutaneous tissue of the left ventral abdominal wall, a well-defined lipoma is seen.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
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Both coxofemoral joints present moderate osteophyte new bone formation. The acetabular groove bilaterally is shallow and the center of the femoral heads level with the dorsal acetabular rim.

The volume of the right thigh musculature is moderately decreased.

**HOSPITAL NAME**

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At the caudodistal aspect of the left thigh, an intermuscular lipoma is seen in the fascial plane between the biceps femoris and semitendinosus muscle, measuring 1.9 cm in size.

The periarticular osseous structures of both stifle joints present advanced osteophyte new bone formation. A moderate intracapsular swelling of both stifle joints is appreciated. A TPLO implant is seen at the proximomedial aspect of the tibia bilaterally; beam hardening artefacts are seen level with the surgical plate. The TPLO implants are unremarkable in place.

**REFERRING VET**

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In the subcutaneous tissue at the caudal aspect of the right thigh, a well-defined, ovoid shaped lipoma is seen.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

19058

- History of surgical management of cranial cruciate ligament failure by TPLO
- Advanced degenerative joint disease stifle joints bilaterally
- Articular swelling stifle joints bilaterally

**DATE**

12/6/22



**PATIENT**

Brandi Kelnhofer

- Disuse atrophy right thigh musculature
- Degenerative lumbosacral stenosis with potential dynamic compression of the cauda equina fibers
- Degenerative osteoarthritis coxofemoral joints bilaterally, R>L
- Lipomas ventral abdominal wall and hind limbs bilaterally
- Non-specific subcutaneous nodule right gluteal region
- Spondylosis deformans

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Golden Retriever Mix

The CT findings are fitting the history of bilateral TPLO surgery due to cranial cruciate ligament failure of both stifle joints and advanced degenerative joint disease, joint effusion and synovialitis.

Unfortunately, no specific cause for the persistent right hind limb lameness is appreciated. Consider removing the right TPLO implant. A synovial tap can be performed to rule out infectious arthritis.

**SEX**

Spayed Female

The clinical relevance of the degenerative lumbosacral stenosis for the presenting clinical signs is unclear - dorsal deep palpation of the lumbosacral region with/ without hyperextension of the tail or one hind limb can be used to check if pain is elicited in the clinical evaluation.

**AGE**

8 Years

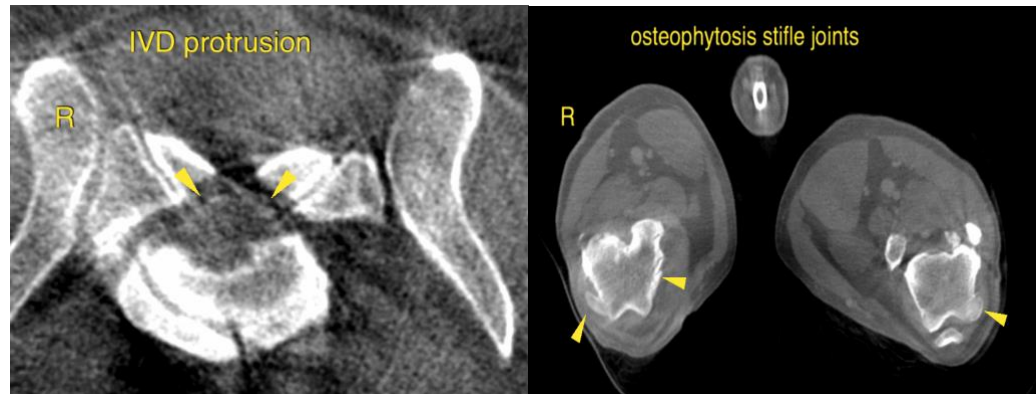
The degenerative joint disease of the coxofemoral joints might contribute to clinical signs as well.

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**HOSPITAL NAME**

Animal Surgical Center



**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.**

**REFERRING VET**

New Hyde Park AH

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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**PATIENT**

Brandi Kelnhofer

**SPECIES**

Canine

**BREED**

Golden Retriever Mix

**SEX**

Spayed Female

**AGE**

8 Years

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