



**PATIENT PRESENTING CLINICAL SIGNS**

Brandi Kelnhofer Patient had a TPLO performed on 7/25/2022. She was never fully weight bearing post op. These rads were done 10/26/2022. Patient cannot walk and is crying and being carried everywhere. She had moderate muscle atrophy of the right hind leg.

**SPECIES RADIOGRAPHIC STUDY OF THE PELVIS AND STIFLE JOINTS**

Canine Radiographs of the pelvis and the stifle joints in two orthogonal imaging planes are provided for review.

**BREED RADIOGRAPHIC FINDINGS**

Golden Retriever The vertebral endplates of the pictured caudal lumbar spine present multifocal moderate spondylosis formation.

**SEX** The periarticular bones of both coxofemoral joints present osteophyte new bone formation, R>>>L. The right acetabular groove is shallow, and the center of the right femoral head is lateral to the dorsal acetabular rim. The left coxofemoral joint presents a mild incongruity of the joint space.

FS Small mineralized bodies are seen at the medial aspect of the minor trochanter of the right femur.

**AGE** The volume of the soft tissue shadow of the right thigh musculature is moderately decreased.

8 Years The periarticular bones of both stifle joints present moderate osteophyte new bone formation, R>L. The right stifle joint presents a moderate intracapsular soft tissue swelling, effacing the infrapatellar fat-pad cranially and distorting the fascial plane caudally. Small roundish mineralized bodies are superimposed on the cranial and caudal compartment of the right stifle joint. A TPLO implant is seen at the medial aspect of the proximal tibia bilaterally and is unremarkable in place. The osteotomy of the proximal tibia bilaterally is filled with osseous material.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME RADIOGRAPHIC DIAGNOSIS**

- Animal Surgicl Center
- History of surgical management of cranial cruciate ligament failure by TPLO bilaterally – the osteotomy is in the remodeling phase bilaterally
  - Degenerative osteoarthritis stifle joints bilaterally, R>L
  - Moderate articular swelling right stifle joint
  - Disuse atrophy musculature right hind limb
  - Degenerative osteoarthritis coxofemoral joints bilaterally, R>>L, due to hip dysplasia
  - Suspect synovial osteochondromatosis right stifle joint
  - Metaplasia tendon right iliopsoas muscle
  - Spondylosis deformans

**REFERRING VET**

VETS New Hyde Park

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

11-28-22

The joint effusion of the right stifle joint can be a sequela to degenerative joint disease, however due to persistent lameness a synovial tap of the right stifle joint is strongly recommended to check for septic arthritis. Implant removal of the TPLO implant might be beneficial as well and is considered feasible as the osteotomy is in the remodeling phase. Rule out meniscal pathology as potential source for the persistent lameness as well.

The clinical relevance of the degenerative joint disease of the right coxofemoral joint is unclear – check if pain can be elicited by manipulation of the right coxofemoral joint.



**PATIENT**

Check for pain originating from the lumbar spine/lumbosacral junction.

Brandi Kelnhofer

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

FS

**AGE**

8 Years

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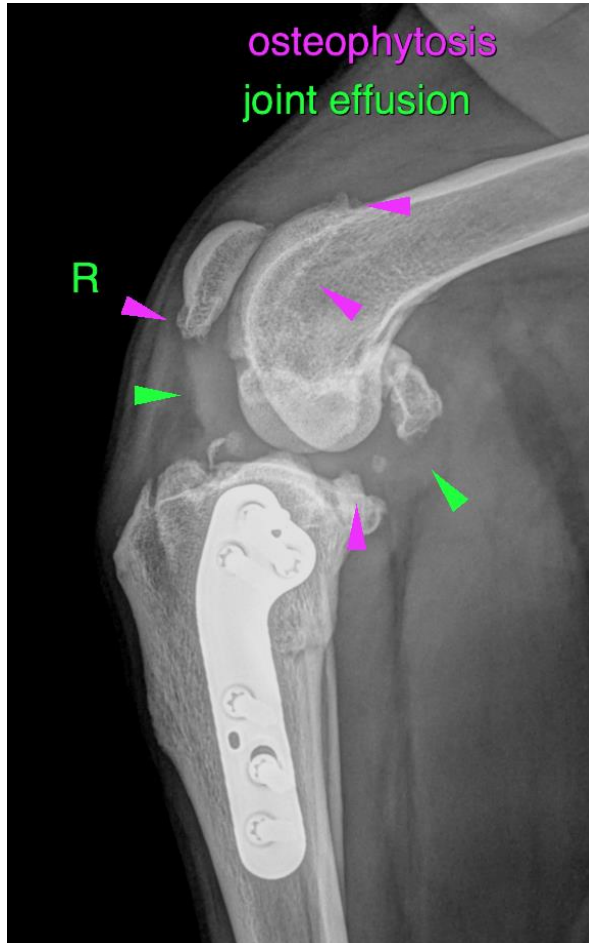
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**PATIENT**

Brandi Kelnhofer

**SPECIES**

Canine

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.

**BREED**

Golden Retriever

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 Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**SEX**

FS

**AGE**

8 Years

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