



**PATIENT PRESENTING CLINICAL SIGNS**

Ursa Major Brend  
 Limping on and off for a few months on left hind. Has gotten worse within the past month.  
 Abnormal PE/Chem/CBC/UA Results: decreased muscle mass both hind legs medial butress both hind legs

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF PELVIC LIMBS**

Orthogonal views of the pelvic limbs are provided for review totaling 6 images. Two, lateral and craniocaudal, views of the left pelvic limbs focus on stifle joint. Two, lateral and craniocaudal, views of the right pelvic limbs focus on stifle joint. Two, lateral and ventrodorsal, views focus of the pelvis.

**BREED**

German Shepherd

**RADIOGRAPHIC FINDINGS**

**Left pelvic limb, stifle joint**

**SEX** There is articular swelling of the left stifle joint, with volume increase, extending caudally, medially, and cranially from normal margins, and is compressing the caudal 40% of the infrapatellar fat pad.

Spayed

The proximal tibia is cranially translocated in relation to the distal femur.

**AGE**

10 Years, 3 Months

Moderate periarticular ossification is seen at the margins of the left patella, femoral trochlear ridges, medial and lateral borders of the tibial condyle, medial and lateral borders of the femoral condyle, and at the sesamoids of the gastrocnemius.

The tarsocrural and tarsal joints are normal.

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The popliteal lymph node is unremarkable.

**Right pelvic limb, stifle joint**

There is articular swelling of the right stifle joint, with mild volume increase, extending caudally and cranially from normal margins, and is compressing the caudal 20% of the infrapatellar fat pad.

**HOSPITAL NAME**

Elizabeth Animal Hospital

The proximal tibia is cranially translocated in relation to the distal femur.

Minor periarticular ossification is seen at the margins of the right patella.

The tarsocrural and tarsal joints are normal.

**REFERRING VET**

Kim Allyn, DVM

The popliteal lymph node is unremarkable.

**Pelvis and coxofemoral joints**

The coxofemoral joints are congruent.

**INVOICE**

58934

The pelvis is unremarkable.

**DATE**

6-20-23

There is a minor non bridging spondylosis deformans at L7-S1, and faint mineral opaque material in the L7-S1 intervertebral disc space.



**PATIENT** The muscle mass of the pelvic limbs is decreased; however, the decrease in the left limb is more evident in comparison to the right pelvic limb.

Ursa Major Brend

**RADIOGRAPHIC DIAGNOSIS**

- SPECIES**
- Left stifle joint synovial swelling, moderate secondary osteoarthritis and subluxation are consistent with partial tear or complete rupture of the cranial cruciate ligament. Differential diagnosis includes concurrent inflammatory joint swelling.
  - Right stifle joint synovial swelling, minor secondary osteoarthritis at the right patella apex and subluxation are consistent with partial tear of the cranial cruciate ligament. Differential diagnosis includes inflammatory joint swelling.
- BREED**
- In situ, nuclear /discal calcification at L7-S1, and minor spondylosis deformans.
  - Normal pelvis and coxofemoral joints.
  - Bilateral muscle mass disuse atrophy, more prominent at the left side.

German Shepherd

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX** Spayed

The radiographic findings of the left stifle joint are correlated with the patient's history. However, mild stifle joint swelling is also identified at the right limb. In the left stifle joint, signs of secondary osteoarthritis are identified, and shows chronicity. Correlate the radiographic findings with specific orthopedic exams, for example, the tibial thrust and cranial drawer. Surgical consultation is suggested for evaluation for further surgical approaches.

**AGE**

10 Years, 3 Months

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Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

**HOSPITAL NAME**

Elizabeth Animal Hospital

**REFERRING VET**

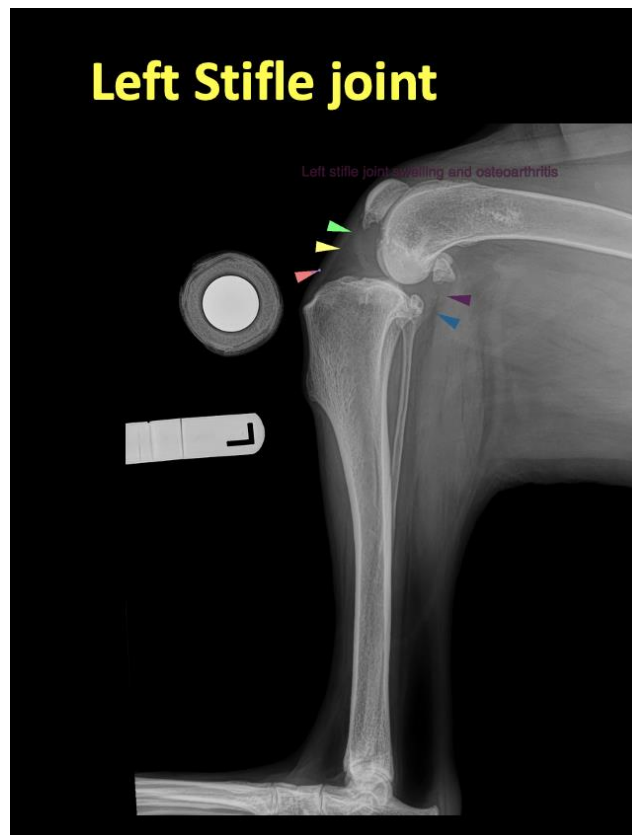
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**PATIENT**

Ursa Major Brend

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Spayed

**AGE**

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**HOSPITAL NAME**

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Hospital

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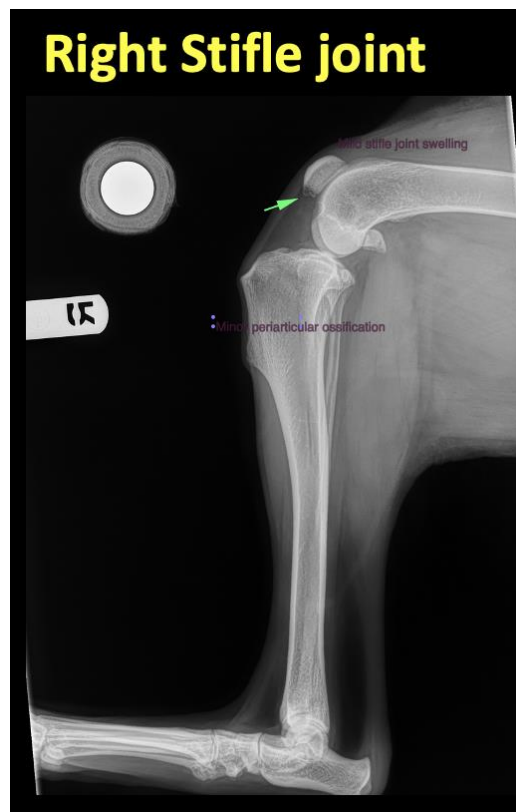
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**PATIENT**

Ursa Major Brend

**SPECIES**

Canine

**BREED**

German Shepherd

**SEX**

Spayed

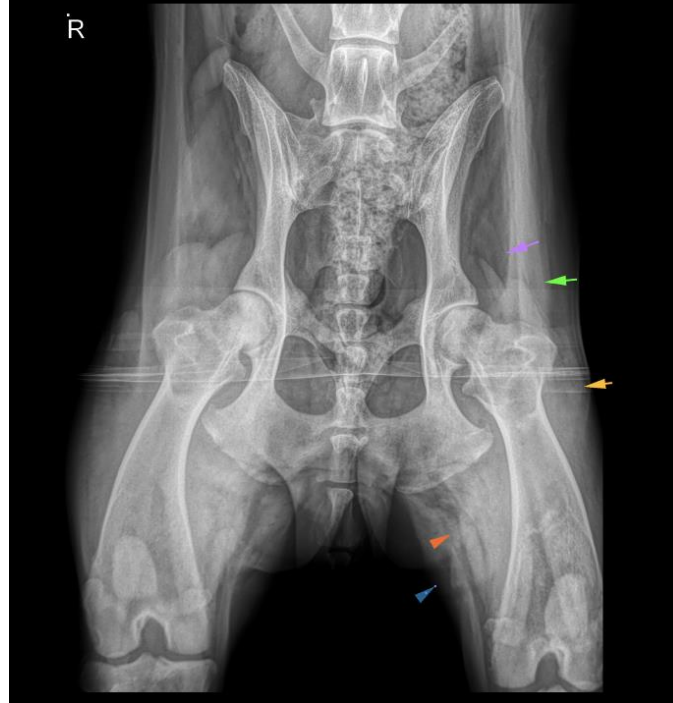
**AGE**

10 Years, 3 Months

**INTERPRETED BY**

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Vet., Dipl. CBraRVet

**Normal pelvis and coxofemoral joints**  
**Muscle mass disuse atrophy (> Left)**



**HOSPITAL NAME**

Elizabeth Animal  
Hospital

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

**REFERRING VET**

Kim Allyn, DVM

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet  
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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.