



**PATIENT PRESENTING CLINICAL SIGNS**

Millie Keding limping on and off for 2 weeks on both hind legs, right one is worse. No known trauma, on physical exam seemed painful on palpation of right stifle, no drawer sign.

**SPECIES RADIOGRAPHIC STUDY OF THE PELVIS, STIFLES, & LUMBAR SPINE**

Canine Ventrodorsal hip extended and lateral views of the pelvis, lateral view of the lumbar spine, and mediolateral views of the stifles totaling 6 images available for review.

**BREED RADIOGRAPHIC FINDINGS**

Heeler X **Lumbar Spine**

Number, alignment, and general anatomy of the lumbar vertebrae are considered within normal limits.

**SEX**  
FS **Pelvis**

The pelvis is mildly tilted towards the right side which enhances the impression of right coxofemoral joint incongruity. Most of the joint space, however, is congruent and narrow.

**AGE**  
5 A mild amount of circumferential femoral head and caudolateral curvilinear femoral necks is seen in both coxofemoral joints and considered within age related normal limits.

**INTERPRETED BY** The muscle volume of both hind limbs appears relatively symmetric even though mild volume loss appears to be present on the right side.

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**Stifles**

**HOSPITAL NAME** Moderate articular swelling of the right stifle joint is seen. There is a mild amount of periarticular osteophytes accentuating the femoral trochlea and patella as well as the cranial margin of the tibial plateau. No overt cranial thrust of the tibia is noted. Mild osseous remodeling of the distal margin of the tibial crest is seen and considered within the limits of normal anatomic variation.

Barry Magill

**REFERRING VET** Mild articular swelling of the left stifle joint is noted as well as early periarticular bone remodeling accentuating the femoral trochlea and patella.

Dr. Magill

**RADIOGRAPHIC DIAGNOSIS**

**INVOICE**

51164

- Moderate right stifle arthropathy with articular swelling and osteoarthritic changes.
- Mild left stifle arthropathy with mild articular swelling and osteoarthritic changes.
- Radiographically normal age related coxofemoral joints and lumbar spine.
- Mild disuse atrophy of the right hind limb musculature.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

3-25-22

The radiographic study reveals bilateral stifle arthropathy with osteoarthritic changes and articular swelling. The changes are moderate on the right and mild on the left side. Mild disuse atrophy of the right hind limb musculature further supports the significance of the changes in the right hind limb. Differential diagnosis includes cranial cruciate ligament pathology, meniscopathy,



**PATIENT**

Millie Keding

and arthritis including immune mediated. Based on the patient demographics and radiographic findings, cranial cruciate ligament pathology appears most likely; however, correlation with the clinical palpation is required and aspiration and analysis of synovia could be considered in case of doubt. If the clinical palpation remains unclear, sedated palpation, ultrasound, and MRI of the stifle could be considered for further definition.

**SPECIES**

Canine

**BREED**

Heeler X

**SEX**

FS

**AGE**

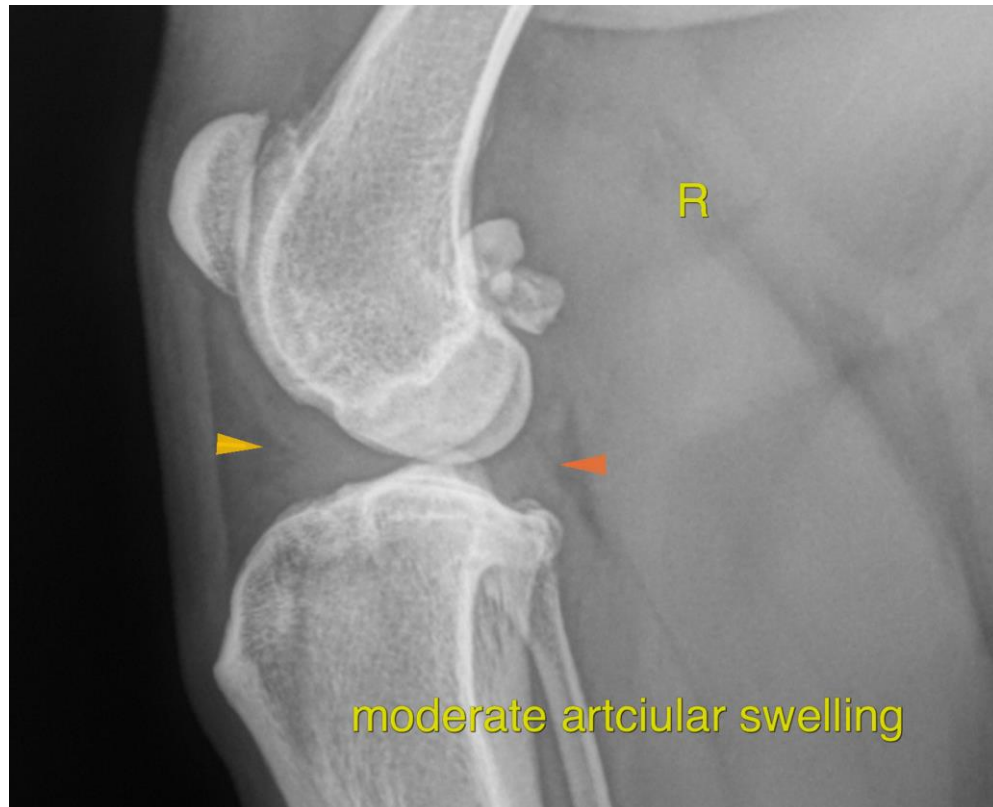
5

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Barry Magill



**REFERRING VET**

Dr. Magill

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.

**INVOICE**

51164

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.

**DATE**

3-25-22

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com