

**PATIENT**

Ruger Bowness

**PRESENTING CLINICAL SIGNS**

P was seen by SPC on 11/2 for R PL lameness. No rads done but strong suspicion of CCL tear. No apparent trauma, he is an active dog though. He is a service dog, so o ideally would like him to not do sx unless has to since he is working. No v/d/c/s, e/d well. He still off loads it but doesn't seem overtly painful currently.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE STIFLES**

Mediolateral and craniocaudal views totaling 3 images available for review.

**BREED**

Mixed Breed

**RADIOGRAPHIC FINDINGS**

There is moderate volume loss of the right hind limb musculature indicating chronic disuse of the right hind limb.

**SEX**

MN

Moderate articular swelling of the right stifle joint is seen. There is a large amount of periarticular and articular new bone formation in the right stifle joint which is partially superimposed onto the prepuce and left hind limb in the mediolateral view. However, periarticular new bone formation can be recognized in the femoral trochlea, distal pole of the patella, cranial and caudal margins of the tibial plateau and fabellae. New bone formation appear to be present within the cranial and caudal aspects of the infrapatellar joint recess as well. No overt cranial subluxation of the tibia can be seen; however, this does not rule out cranial subluxation and laxity by any means.

**AGE**

6 Years

The left stifle joint presents within the expected limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**RADIOGRAPHIC DIAGNOSIS**

- Moderate right stifle osteoarthritis with multiple articular mineralizations.
- Significant disuse atrophy of the right hind limb musculature.

**HOSPITAL NAME**

Tahoe Integrative  
Veterinary Care

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study reveals moderate to severe right stifle osteoarthritis. Cranial cruciate ligament pathology and/or meniscopathy are the most likely underlying causes. Other arthropathy including degenerative, traumatic, and immune mediated cannot be ruled out entirely but is thought by far less likely. The articular mineralization may represent mineralizations of the synovial membrane, synovial osteochondromatosis, meniscal mineralization, or small avulsion fragments. Clinical correlation is required in order to determine the presence of tibial thrust.

**REFERRING VET**

Dr. Amanda Stuart

**INVOICE**

48294

Based on the radiographic findings of the right stifle in combination with the chronic disuse of the right hind limb and the patient demographics, it appears highly unlikely that there is no pathology of the cranial cruciate ligament, unfortunately.

**DATE**

11-12-21



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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.

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.

**HOSPITAL NAME**

Tahoe Integrative  
Veterinary Care

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