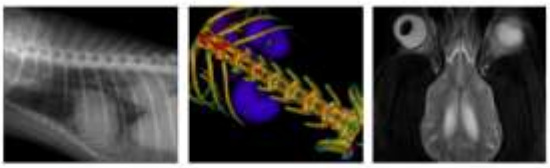


SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Bentley Kalma

SPECIES

Canine

BREED

Terrier Mix

SEX

CM

AGE

4 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

VetMed Consultants

REFERRING VET

Darrin Emch

INVOICE

47452

DATE

9-16-21

PRESENTING CLINICAL SIGNS

Bentley was in and out of the humane society as a young dog and has high levels of anxiety. 3 years ago he suffered severe soft tissue trauma in both rear legs due to a dog fight. A 5-6 hour surgery was performed to close all of the soft tissue injuries. Injuries were in the inner legs from the feet to the thighs bilaterally. Injuries were severe. He has had an occasional limp in the right rear leg since the dog fight trauma. His limping has become progressive and worse in the last 6 months. Now he does not use his right rear leg very well. He usually holds up but will step on it. Appetite and activity are normal. He wants to play but his right rear leg is slowing him down. The referring doctor reports a click in the right hock area with manipulation. Abnormal PE/Chem/CBC/UA Results: PE: **Musculoskeletal:** Abnormal: Favors right rear leg. Holds up her right rear leg and does not bear weight. Blood work is dated 9/9/21. CBC - PCV = 61.4%, WBC = 6640, neutrophils = 3340, lymphocytes = 2620, monocytes = 300. Platelets = 264,000. Chemistry - normal.

COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS

Plain study of both hind limbs from the hips to the paws available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Minimal osteophytosis is seen in the proximal extent of the femoral trochlear in the right stifle. The patella is in situ. No evidence of significant articular swelling is seen. There is no evidence of cranial subluxation of the tibia and no evidence of aggressive bone lesions is noted.

The left stifle presents within normal limits.

Both coxofemoral joints present within age and breed related normal limits. There is no evidence of dysplasia, traumatic osseous injury, or aggressive bone lesions.

Two, small, rounded isolated bone pieces of 2mm and 1mm diameter each are seen distal of the medial malleolus in the right tarsus. There is no evidence of regional soft tissue swelling. The joint spaces and subchondral bone surface of the tarsal joints present within normal limits. There is a mild amount of periarticular osteophytes in the right tarsocrural joint.

The left tarsocrural joint presents mild osteophytosis as well, which, however, is less pronounced as compared with the right side. Incomplete fusion of the medial malleolus is seen in the left tarsus without evidence of concurrent soft tissue swelling in the collateral ligament area.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Minimal osteophytosis of the right femoral trochlear with in situ position of the patella during the CT scan.
- Fragmentation of the medial malleolus in the right tarsocrural joint.
- Incomplete fusion of the medial malleolus in the left tarsocrural joint with mild bilateral tarsocrural osteoarthritis.

PATIENT

Bentley Kalma

SPECIES

Canine

BREED

Terrier Mix

SEX

CM

AGE

4 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

VetMed Consultants

REFERRING VET

Darrin Emch

INVOICE

47452

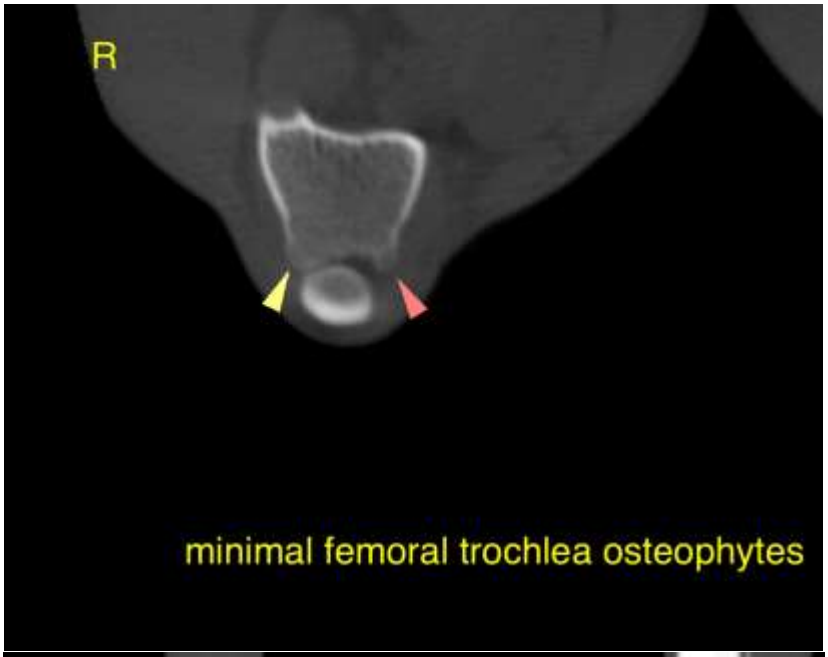
DATE

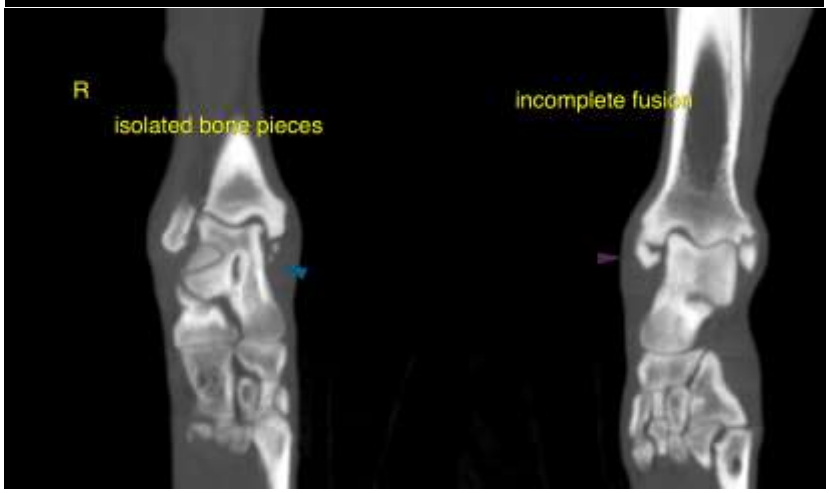
9-16-21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of the lameness remains unclear. Mild osteoarthritic changes are seen in both tarsi accentuating the right side and in the right stifle. The presence of isolated bone pieces distal of the right medial malleolus may be traumatic in origin or due to developmental separation of the ossification centers/disturbed fusion of the medial malleolus which is further supported by the presence of incomplete fusion of the left malleolus. The mild osteoarthritic changes of the tarsocrural joints are not necessarily of clinical significance.

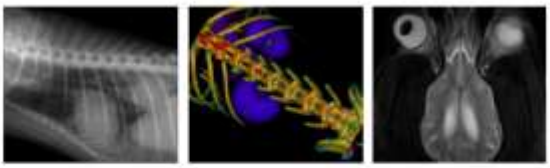
The presence of osteophytes in the proximal extent of the femoral trochlear in the right stifle may be accompanied by intermittent patella luxation. Clinical correlation is required.





SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Bentley Kalma

SPECIES

Canine

BREED

Terrier Mix

SEX

CM

AGE

4 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

VetMed Consultants

REFERRING VET

Darrin Emch

INVOICE

47452

DATE

9-16-21

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.

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