



PATIENT PRESENTING CLINICAL SIGNS

Cress Yu Presented to the Toronto Animal Health Partners Surgery Service for a chronic right hindlimb lameness. The right hindlimb lameness was initially noticed in August 2022 and right medial tarsal swelling and right tarsal discomfort were elicited during initial physical examination. Lameness is worst after getting up. Lameness is intermittent, but noted daily. Normal EDUD; No VDSC; Energetic.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Radiographs of the tarsi were performed in February 2023 revealing: A relatively large ovoid mineral opacity is present medial to the right talus and distal to the right medial malleolus. PE findings of Hock: Reduced range of motion (especially on extension) of the right tibiotarsal joint with no pain on palpation. Moderate effusion is evident in the right hock joint.

BREED

COMPUTED TOMOGRAPHY OF THE HIND LIMBS

Shiba Inu

A plain CT study of the hind limbs in a bone and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

FS

The periarticular bones of both stifle joints present mild osteophyte new bone formation. The stifle joints present without evidence of intracapsular soft tissue swelling. Within the medullary cavity of the right lateral femoral condyle a small zone with irregular sclerosis is noted.

AGE

10 Years

The periarticular bones of the right stifle joint present advanced osteophyte new bone formation and a circumferential intracapsular swelling of the right tibiotarsal joint is appreciated. At the distal and plantarodistal aspect of the medial malleolus and plantar aspect of the right tarsal joint, multiple isolated mineral attenuating bodies is seen, the largest is measuring 2.0 x 4.0 x 8 mm. Exostosis formation is seen along the plantar aspect of the calcaneus and the tarsometatarsal joint bilaterally.

INTERPRETED BY

The osseous and soft tissue structures of the hind paws are unremarkable.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Advanced degenerative osteoarthritis right tibiotarsal joint
- Articular swelling right tibiotarsal joint
- Multiple mineralized bodies distal aspect right medial malleolus and plantar aspect right tibiotarsal joint
- Exostosis formation plantarodistal aspect calcaneus and tarsometatarsal joint bilaterally
- Mild degenerative osteoarthritis stifle joints bilaterally
- Suspect small bone infarct lateral right femoral condyle.

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Kim Murphy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The small isolated mineralized bodies seen at the distal aspect of the right medial malleolus and plantar aspect of the tibiotarsal joint are most suggestive for synovial osteochondromatosis/metaplasia or less likely can present medial malleolar fragmentation (either due to OCD of the medial malleolus or more likely due to degenerative joint disease), small joint mouse. An underlying cause for the advanced degenerative joint disease of the right tibiotarsal joint cannot be specified by CT – preceding trauma is considered most likely as no OCD defect is noted. The articular swelling is most consistent with degenerative joint effusion, a synovial tap can be performed to rule out infectious or immune mediated arthritis. There are no signs for underlying biologically aggressive disease.

INVOICE

57988

DATE

4-25-23



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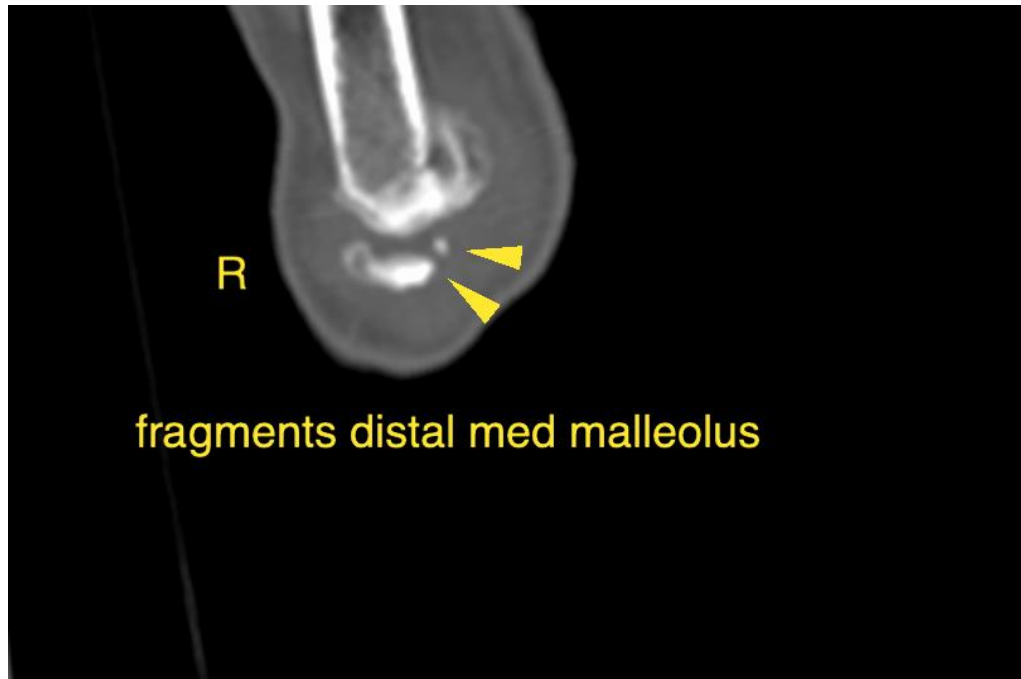
Dr. Kim Murphy

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PATIENT

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SPECIES 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.

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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.

Shiba Inu

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