



PATIENT

Rocco Robinson

SPECIES

Canine

BREED

Labrador Retriever

SEX

Male

AGE

6Y

WEIGHT

27kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Viktoria Gounari

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Viktoria Gounari

INVOICE

73005

DATE

12-16-25

PRESENTING CLINICAL SIGNS

History of intermittent lameness on right hind limb. Previous radiographic study compatible with mild stifle effusion. Otherwise unremarkable

COMPUTED TOMOGRAPHIC STUDY OF THE RIGHT STIFLE AND TARSUS JOINT

A single, non-contrast computed tomographic examination of the right hind limb was provided for review. Transverse plane using a bone algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

Right Hindlimb (Stifle and Tarsal Joints)

Within the mid-diaphysis of the right femur, adjacent to the region of the vascular foramen, there is a focal osseous lesion characterized by a discrete interruption of the cortical bone, associated with a mild palisading periosteal reaction and a mottled appearance of the adjacent medullary cavity. Additionally, the distal femoral condyles, more pronounced in the lateral condyle, demonstrate a faint and mottled attenuation pattern with a small lytic focal area of altered opacity.

There is no evidence of degenerative joint disease affecting the stifle joint. The patella is normally positioned and shows normal contour. The infrapatellar fat pad has normal attenuation, and there is no evidence of joint swelling.

The tarsocrural, intertarsal, and metatarsal joints are unremarkable.

The coxofemoral joint included in the field of view shows no abnormalities.

The right popliteal lymph node is mildly enlarged.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- A monostotic, small osseous lesion affecting two regions of the right femur is identified. The primary lesion is located in the mid-diaphysis of the right femur, adjacent to the vascular foramen, and is characterized by focal cortical interruption, a mild palisading periosteal reaction, and a mottled medullary appearance. Additionally, the distal femoral condyles (epiphyses) demonstrate a faint, mottled attenuation pattern. Differential diagnoses include infectious osteomyelitis, particularly fungal osteomyelitis. An early-stage neoplastic process - metastatic disease is considered less likely.
- There is mild enlargement of the right popliteal lymph node, most consistent with reactive lymphadenitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The tomographic findings reveal a small, monostotic osseous lesion affecting the right femur, characterized by cortical interruption, mild palisading periosteal reaction, and mottled medullary attenuation, with additional subtle medullary changes involving the distal femoral condyles. Differential diagnoses include infectious osteomyelitis, particularly fungal osteomyelitis. An early-stage neoplastic process - metastatic disease is considered less likely.



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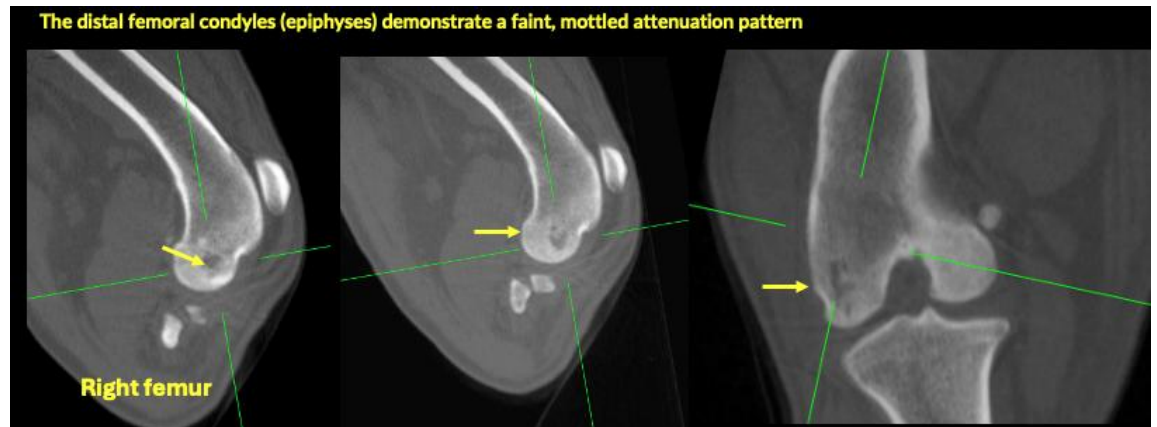
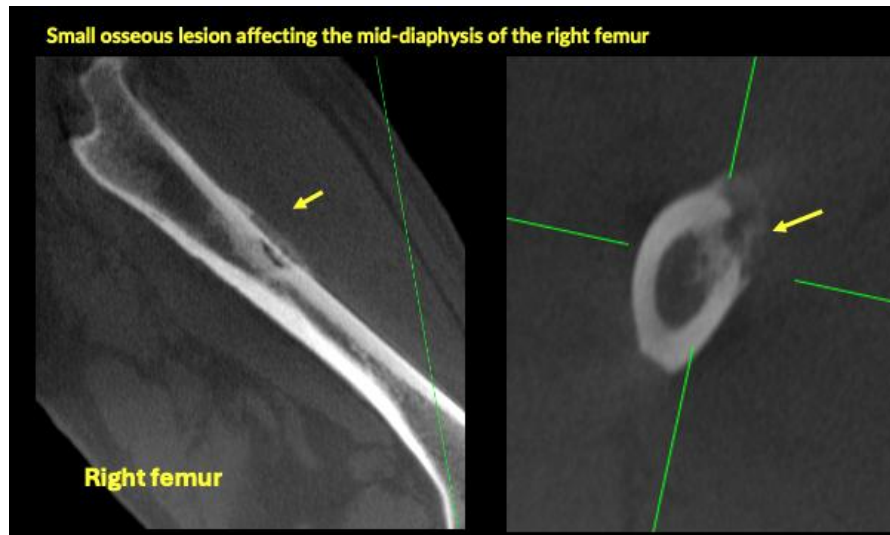
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Further diagnostic investigation, including fungal serology and bone biopsy sampling, may be considered to achieve a definitive diagnosis, with particular emphasis on ruling out fungal disease. Additionally, thoracic computed tomography or x-ray are suggested to evaluate for mediastinal lymph node enlargement, which may be associated with systemic fungal infection.

TECHNICAL COMMENTS

The left hind limb was not provided for evaluation.





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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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com