



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Pepper Morris
SPECIES Canine
BREED Blue Heeler Mix
SEX Male Neuter

Pepper presented with right hind leg lameness. Pepper has history of Osteoarthritis, but owners have noted a more pronounced limp on right hind. He is normally a lazy dog and does not run or jump on things. He is having some trouble getting up and down from a resting position.

Abnormal PE/Chem/CBC/UA Results: Exam Findings: Mucous Membranes Pink, moist, CRT <2 seconds Hydration Adequate based on mucous membranes and skin turgor. Abdomen Soft, nonpainful, no masses, no organomegaly. Rectal examination not performed. Cardiovascular/Respiratory No murmur or arrhythmia. Lungs auscult normally. Eupnic. Eye, Ears, Nose, Throat SCLEROSIS NORMAL FOR AGE. No nasal or ocular discharge. Normal examination. Genitourinary No discharge or irritation. No anal gland enlargement. Lymph Nodes No enlargement. Musculoskeletal STIFLE EFFUSION: RIGHT SIDE, NO DRAWER APPRECIATED. SOME MEDIAL BUTTRESS. PROPRIOCEPTIVE LOSS IN RIGHT HIND TL SPINE (MID-BACK) IS TENDER Ambulatory X 4. Neurologic Alert, normal cranial nerve function. Oral STAGE II DENTAL DISEASE Skin / Coat MASS: MEDIAL LEFT STIFLE SKIN TAG, 4MM, PIGMENTED. MASS: RIGHT ANTEBRACHIUM, PROXIMAL DORSAL. FIRM OVAL DERMAL 8MM WITH FLATTENED ULCER IN THE MIDDLE Full healthy hair coat. Body Condition: Very Heavy

RADIOGRAPHIC STUDY OF THE STIFLE JOINTS

Radiographs of the stifle joints in two orthogonal imaging planes are provided for review.

AGE RADIOGRAPHIC FINDINGS

AGE 9 Years, 6 Months

Both stifle joints present smooth osseous margins. Both stifle joints present a mild intracapsular soft tissue swelling.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The distal diaphysis of the right tibia presents with an expansile ill-defined geographic osteolytic lesion, causing cranial bulging of the cranial cortex of the tibia. Endosteal scalloping level with the osteolytic lesion of the right tibia is appreciated.

HOSPITAL NAME

Elizabeth Animal Hospital

The periarticular bones of both tibiotarsal joints present moderate osteophyte new bone formation.

RADIOGRAPHIC DIAGNOSIS

- Monostotic semiaggressive osteolytic lesion right distal tibial diaphysis
- Bilateral equivocal articular swelling stifle joints
- Moderate degenerative osteoarthrosis tibiotarsal joints bilaterally

REFERRING VET

Leon Anderson, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The osteolytic lesion of the right distal tibia is highly concerning for for neoplastic transformation, such as osteosarcoma, giant cell tumor, round cell tumor, metastasis. A differential is granulomatous bone disease – infectious versus immune mediated – but this is considered less likely here. Bone biopsy would be ideal for further workup – but there is an increased risk for pathological fracture.

DATE

4-25-22

Recommend full tumor staging.

The mild joint effusion of the stifle joints might present a normal variant – as it appears to be bilaterally symmetric – or can be caused by degenerative joint disease, trauma or arthritis.



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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.

SPECIES

Canine

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.

BREED

Blue Heeler Mix

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