



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Ted Vint
SPECIES Canine
BREED Cairn
SEX MN
AGE 12 Years, 4 Months

Patient was seen in August for right front lameness. No x-rays taken at that time. Treated with Rimadyl for suspect osteoarthritis. Did well initially, but now non weight bearing on right front leg. Firm bony swelling present distal to elbow. Painful on manipulation of elbow. X-rays show proliferative bony changes involving distal humerus, elbow joint, and proximal radius/ulna. Suspect osteosarcoma.

RADIOGRAPHIC STUDY OF THE THORACIC LIMBS

Orthogonal views of the thoracic limbs are available for review.

RADIOGRAPHIC FINDINGS

Within the distal right humeral, proximal radius, proximal ulna, and centered on the elbow joint, is a poorly defined regional mixed permeative osteolytic and heterogeneous osteoproliferative periosteal reaction. The transition zone is indistinct. Concomitant circumferential soft tissue mass effect and focal swelling is seen adjacently.

Bilateral lateral mild deviation of the manus at the level of antebrachial carpal joint without evidence of carpal osteoarthritis.

Mild incongruency at the humeroulnar and humeroradial joints.

Mild to moderate periarticular ossification is seen at the left elbow joint.

INTERPRETED BY RADIOGRAPHIC DIAGNOSIS

- INTERPRETED BY** Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet
- Polyostotic aggressive osteolytic lesion of the right elbow joint and adjacently bones.
 - Bilateral antebrachial angular limb deformity consistent with chondrodystrophic breed.
 - Left side elbow incongruency and mild secondary osteoarthritis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME Gentle Doctor Animal Hospital

The radiographic study reveals a polyostotic aggressive osteolytic lesion of the right elbow joint and adjacent bones. An articular neoplasm such as synovial cell sarcoma, histiocytic sarcoma, or lymphoma is a primary differential diagnosis, and other differentials are parosteal osteosarcoma and fibrosarcoma. Additional sarcomas could be included as a possibility. Septic osteoarthritis (fungal or less likely bacterial) less likely to be considered.

REFERRING VET Dr. Megan Belfiore

Joint aspirates are suggested for cytologic sampling for the right elbow or adjacent bones for further definition. In addition, three-view thoracic radiographs may be useful for evaluating for evidence of pulmonary involvement.

INVOICE

56026

DATE

1-5-23



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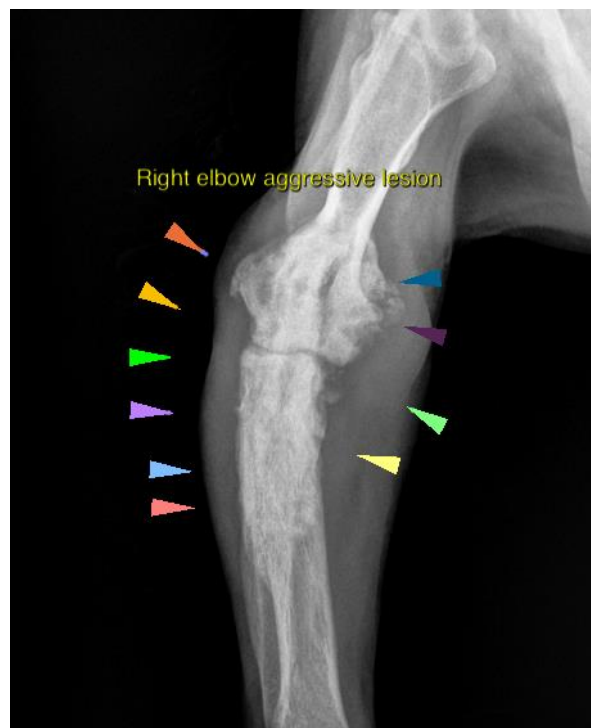
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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