



PATIENT

PRESENTING CLINICAL SIGNS

Kingston Chiarangion

Kingston came in with swollen left elbow, limping and moving very slowly, he stopped eating and starts coughing this week last year history of Severe left elbow degenerative joint disease, Moderate bilateral hip dysplasia, and Mild bilateral stifle degenerative joint disease. Possible mild left stifle joint effusion/synovial thickening.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: very hard swollen left elbow, ALP 205 (20-150), WBC 28 (6-17), NEU 21 (3-12)

BREED

Rottweiler

RADIOGRAPHIC STUDY OF THE RIGHT ELBOW & THORAX

Right/left lateral views of the thorax and lateral views of the right elbow totaling 5 images available for review.

RADIOGRAPHIC FINDINGS

SEX

MN

Right Elbow

A large expansile parosteal mass is seen level with the distal right humerus and distal elbow. The mass presents varying opacity ranging between fat and soft tissue opacity and multiple parosteal mineralizations. Severe periosteal new bone formation of the distal right humerus and proximal right radius with moth eaten osteolysis and long transition zones to the unaffected bone is noted. Amorphous periosteal new bone formation along the cranial contour of the humerus is seen.

AGE

10 Years

The left elbow is included and presents within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

Mild multifocal spondylosis deformans is noted.

HOSPITAL NAME

Brittany Glen Animal Hospital

Multiple soft tissue opaque interstitial pulmonary nodules of up to 2.5 cm diameter are distributed throughout the parenchyma of all lung lobes.

No radiographic evidence of cardiovascular pathology is seen.

There is no evidence of concurrent mediastinal lymphadenomegaly.

REFERRING VET

Dr. Boktor

RADIOGRAPHIC DIAGNOSIS

- Aggressive osteolytic lesions with polyostotic bone and parosteal tissue involvement in the right elbow.
- Severe structured nodular interstitial lung pattern suggesting metastatic disease.

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals a polyostotic aggressive osteolytic lesion of the right elbow with parosteal tissue involvement. Parosteal osteosarcoma as well as chondrosarcoma and articular neoplasia including synovial cell sarcoma, myxosarcoma, round cell neoplasia are potential differential diagnoses.

DATE

7-28-22

The radiographic changes of the lung suggest presence of pulmonary metastatic disease. The



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possibility of granulomatous disease is unfortunately considered very low, and this should be regarded metastatic disease until proven otherwise.

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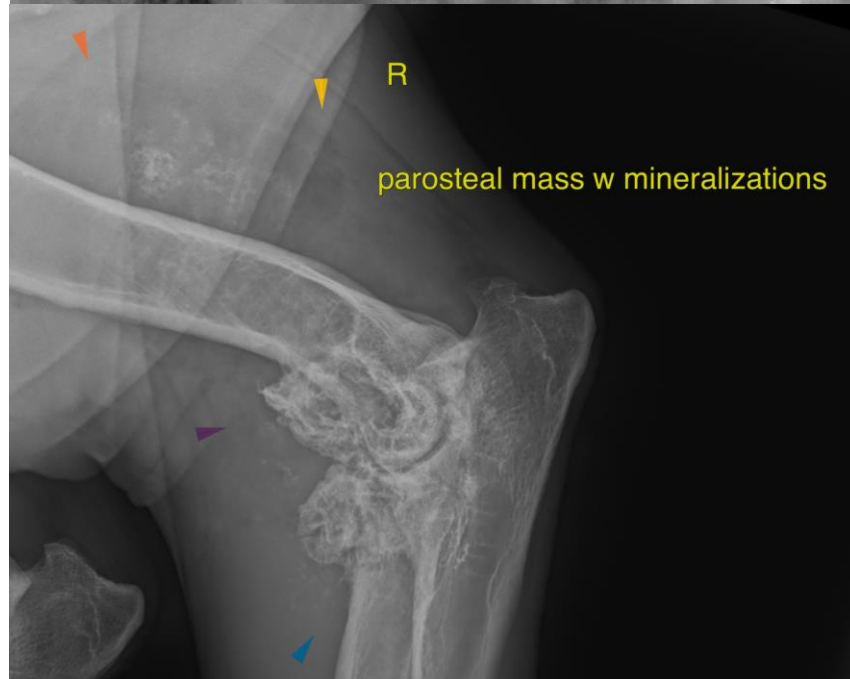
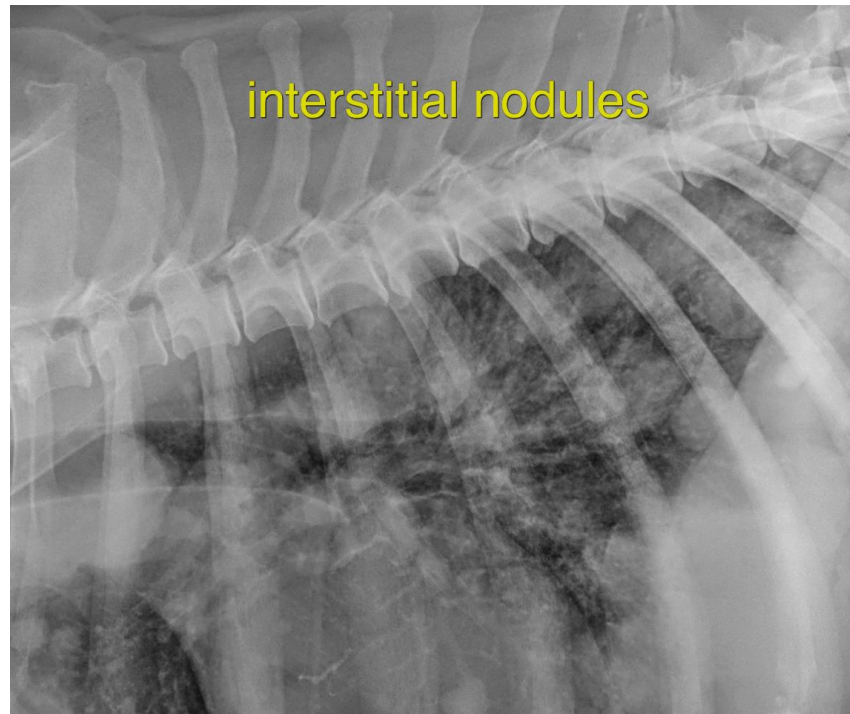
Dr. Boktor

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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.

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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.

BREED

Rottweiler

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