



**PATIENT**

Kris Kopacki

**PRESENTING CLINICAL SIGNS**

Patient presenting for acute lameness on the right front leg. Patient was stepped on in that area a few days ago, but O has now noticed swelling and an exaggerated lameness.  
Abnormal PE/Chem/CBC/UA Results: Swelling on the cranial aspect of the distal tibia with pain on palpation.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE CARPAL JOINTS**

Radiographs of the right carpus in two orthogonal imaging planes are provided for review.

**BREED**

Greyhound

**RADIOGRAPHIC FINDINGS**

In the lateral aspect of the distal third of the right diaphysis of the radius, an ill-defined zone with moth eaten osteolytic lesions is appreciated; the caudal cortex of the radius presents a zone with cortical destruction. Very mild immature periosteal new bone formation is seen at the caudal aspect of the distal third of the right radius. A faint fissure line is appreciated in the lateral and cranial cortex level with the zone of osteolysis.

**SEX**

Neutered Male

The carpal joints bilaterally present no abnormalities.

**AGE**

8 Years

**RADIOGRAPHIC DIAGNOSIS**

- Monostotic aggressive osteolytic lesion distal diaphysis right radius
- Possible incomplete pathological fracture right distal radius

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic changes of the distal right radius are supporting the diagnosis of primary osseous neoplasia – such as osteosarcoma, chondrosarcoma, hemangiosarcoma, other. As the lesion is centered on the distal diaphysis and not the metaphysis, check for primary neoplastic disease throughout the thorax and abdomen as the osteolytic lesion can present metastatic disease. Osteomyelitis is a differential as well. FNA sampling ± bone biopsy (be careful as there might be pathological fracture/fissure of the distal radius) can be used to confirm the diagnosis.

**HOSPITAL NAME**

Neighborhood Pet  
Health Center

**REFERRING VET**

Brandon Burge

**INVOICE**

55806

**DATE**

12-22-22



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Kris Kopacki

**SPECIES**

Canine

**BREED**

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**SEX**

Neutered Male

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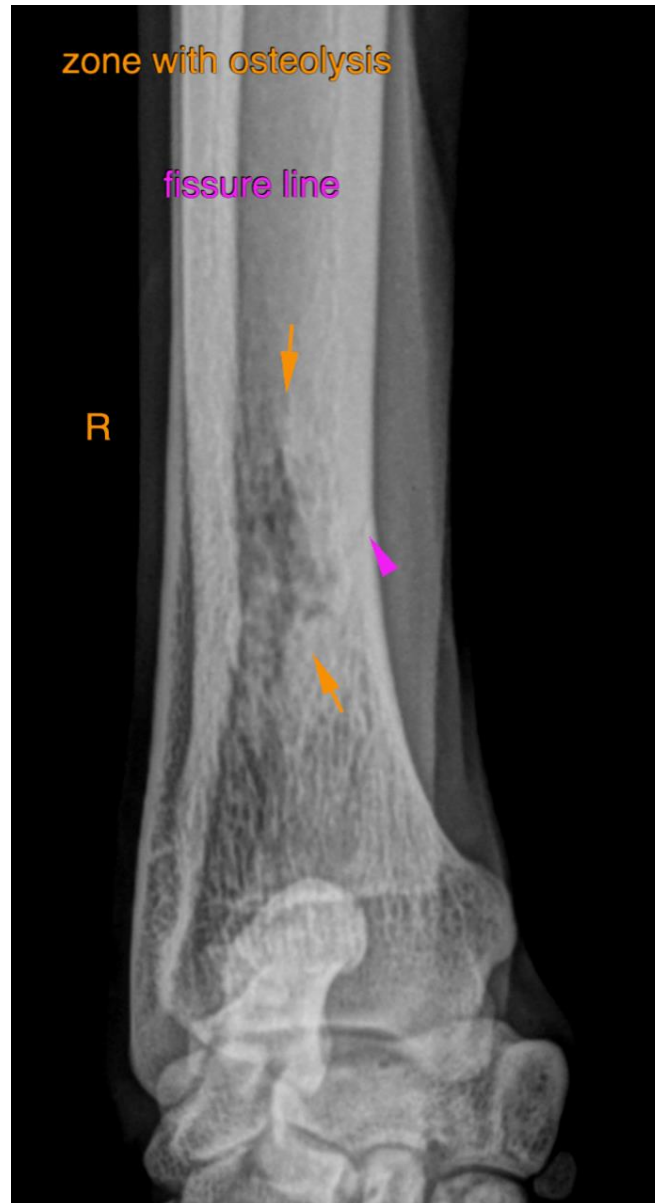
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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