



PATIENT

Buddy Stefanova

PRESENTING CLINICAL SIGNS

2 week hx of lameness R fore and discomfort when O would palpated. Progressing. Abnormal PE/Chem/CBC/UA Results: Grade 2 lame R fore, warm to touch and firm swelling present.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX AND CARPAL JOINTS

A complete set of radiographs of the thorax and carpal joints is provided for review.

BREED

Mastiff

RADIOGRAPHIC FINDINGS

Thorax

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

SEX

MN

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

AGE

5.8 Years

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

HOSPITAL NAME

Boca Park Animal
Hospital

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

Carpus

The distal diaphysis & metaphysis of the right radius present an ill-defined zone with permeative osteolytic lesions with evidence of endosteal scalloping. The right distal radius presents mild to moderate immature periosteal new bone formation and accompanying mild homogeneous soft tissue swelling.

REFERRING VET

Hill

The osseous structures of both carpal joints present smooth osseous margins, unremarkable.

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RADIOGRAPHIC DIAGNOSIS

- Monostotic aggressive predominant osteolytic lesion right distal radius
- No evidence of pulmonary metastatic disease

DATE

7-22-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study is consistent with primary osseous neoplasia of the right distal radius – osteosarcoma is considered very likely. A differential is (mycotic) osteomyelitis, but the odds are considered low. Recommend FNA sampling ± bone biopsy to confirm the diagnosis.



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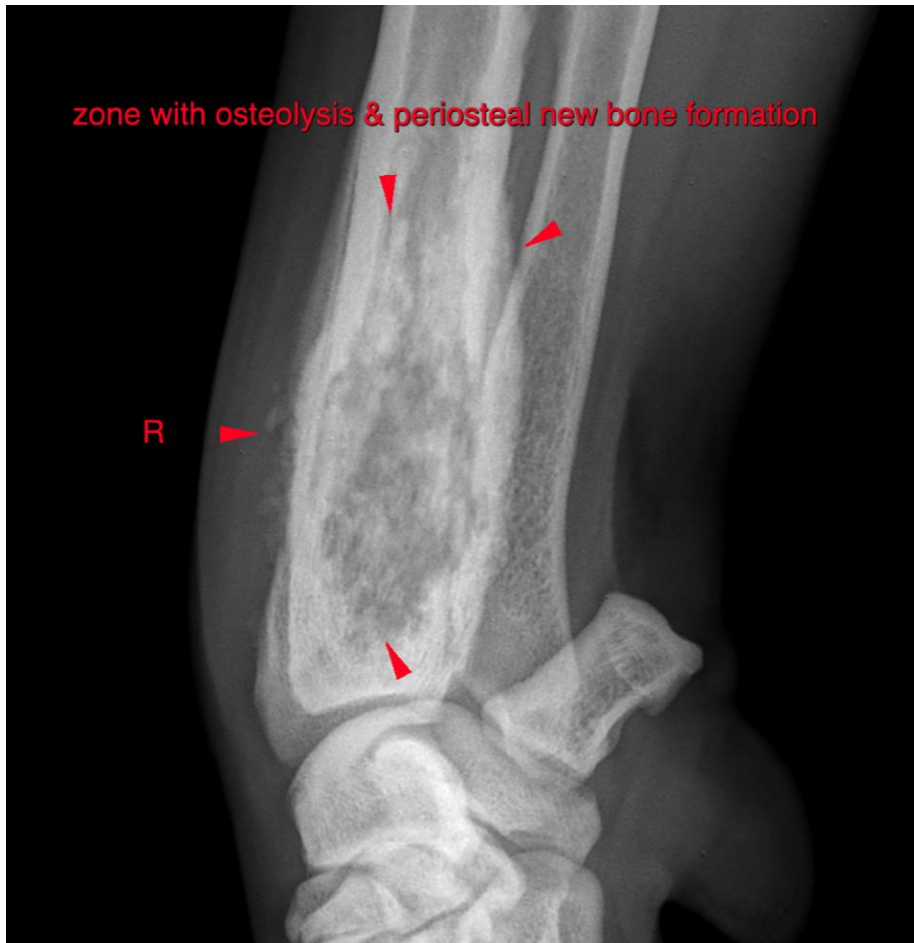
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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