



## PATIENT

Zelka Radosevich

## SPECIES

Canine

## BREED

Hound Mix

## SEX

Female

## AGE

8Y, 9M

## WEIGHT

79.2

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

## IMAGING PERFORMED BY

Carissa Hayden

## HOSPITAL NAME

Elizabeth Animal  
Hospital

## REFERRING VET

Dr. Jen Redus DVM

## INVOICE

73970

## DATE

2-26-26

## PRESENTING CLINICAL SIGNS

- For about 10 days she has been limping on her right front leg.
- It seems like she would walk out of it, and the limping would go away.
- Now she is really limping on that leg.
- The last few days it seems like there is swelling in that leg.

Abnormal PE/Chem/CBC/UA Results: PE: Healthy limping on the right front leg. NO RECENT BW

## RADIOGRAPHIC STUDY OF THE FRONT LIMBS

Radiographs of the front limbs in orthogonal image planes are provided for review.

## RADIOGRAPHIC FINDINGS

The proximal metaphysis and diaphysis of the right humerus present an ill-defined zone with permeative osteolytic lesions and spiculated periosteal new bone formation.

The osseous and surrounding soft tissue structures of the left shoulder joint reveal no abnormalities.

The distal metaphysis of the right radius presents a coarse trabecular pattern and solid mild rough periosteal new bone formation.

The osseous structures of the carpus bilaterally reveal no abnormalities.

The axial sesamoid bone of the metacarpophalangeal joint of the 2<sup>nd</sup> and 5<sup>th</sup> digit are bipartite.

## RADIOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic lesions right proximal humerus
- Coarse trabecular pattern distal right radius along with solid periosteal new bone formation
- Bipartite sesamoid bone metacarpophalangeal joint 2<sup>nd</sup> and 5<sup>th</sup> digit right front paw
- Normal left shoulder joint and carpus

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The aggressive bone lesion of the right proximal humerus is highly suggestive for primary osseous neoplasia – such as osteosarcoma, chondrosarcoma, fibrosarcoma, other. FNA sampling/biopsy can be tried for confirmation.

The coarse osseous pattern of the distal right radius along with the periosteal new bone formation presents without overt aggressive lesions and preceding trauma, osteomyelitis or chronic osseous infarct are likely differentials.

Consider full tumor staging.



## PATIENT

Zelka Radosevich

## SPECIES

Canine

## BREED

Hound Mix

## SEX

Female

## AGE

8Y, 9M

## WEIGHT

79.2

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

## IMAGING PERFORMED BY

Carissa Hayden

## HOSPITAL NAME

Elizabeth Animal  
Hospital

## REFERRING VET

Dr. Jen Redus DVM

## INVOICE

73970

## DATE

2-26-26





## PATIENT

Zelka Radosevich

## SPECIES

Canine

## BREED

Hound Mix

## SEX

Female

## AGE

8Y, 9M

## WEIGHT

79.2

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

## IMAGING PERFORMED BY

Carissa Hayden

## HOSPITAL NAME

Elizabeth Animal  
Hospital

## REFERRING VET

Dr. Jen Redus DVM

## INVOICE

73970

## DATE

2-26-26

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  
[info@sonopath.com](mailto:info@sonopath.com)