



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Optimus Olson History: Optimus has been limping since 4/4/22 (10 days) on his left front. It is also swelling so Meagan put a brace on him. The brace seems to help him walk and stabilize it more but not getting fully better. The swelling got a little better but then got worse again on Tuesday and now when he sits down he holds his leg up. Also limping on it. Does fine for palpation but then doesn't like it flexed.

**SPECIES**

**SPECIES** Canine Abnormal PE/Chem/CBC/UA Results: Cardiovascular/ Respiratory: SYSTOLIC MURMUR- PREVIOUS DIAGNOSED. Musculoskeletal: LAMNESS ON LEFT FRONT FIRM SWELLING TO DISTAL RADIUS UNCOMFORTABLE TO PRESSURE LICK GRANULOMA LEFT HIND METATARSAL AREA. No loss of proprioception.

**BREED**

**BREED** German Shorthair Pointer Mix

**RADIOGRAPHIC STUDY OF THE THORAX & ANTEBRACHIUM**

A complete set of radiographs of the thorax and antebrachium bilaterally is provided for review.

**SEX**

**SEX** Neutered Male

**RADIOGRAPHIC FINDINGS**

**Thorax**

Multifocal moderate spondylosis formation is seen along the thoracic spine.

**AGE**

**AGE** 9 Years 3 Months

The extrathoracic soft tissues present homogeneous without abnormalities.

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.

**INTERPRETED BY**

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

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.

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

**HOSPITAL NAME**

**HOSPITAL NAME** Elizabeth AH

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.

**REFERRING VET**

**REFERRING VET** Kim Allyn, DVM

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

**Antebrachium**

**INVOICE**

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The distal epiphysis, metaphysis and distal segment of the diaphysis of the left radius presents an ill-defined zone with permeative osteolytic lesions and moderate periosteal new bone formation. A mild to moderate circular soft tissue swelling is seen level with the left distal radius.

**DATE**

**DATE** 4/14/22



**PATIENT**

Optimus Olson The osseous and soft tissue structures of the left antebrachium are within normal limits.  
The axial sesamoid bone of the metacarpophalangeal joint of the fifth digit bilaterally is bipartite.

**RADIOGRAPHIC DIAGNOSIS**

**SPECIES**

Canine

- Monostotic aggressive osteolytic lesion right distal radius with associated mild soft tissue swelling
- Spondylosis deformans thoracic spine
- No evidence of pulmonary metastatic disease

**BREED**

German Shorthair Pointer Mix

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are compatible with primary osseous neoplasia of the left distal radius with osteosarcoma being the top differential. FNA sampling can be used to confirm the diagnosis.

**SEX**

Neutered Male

**AGE**

9 Years 3 Months

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Elizabeth AH

**REFERRING VET**

Kim Allyn, DVM



**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.**

**INVOICE**

14731 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.

**DATE**

4/14/22



**PATIENT**

Optimus Olson

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

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Pointer Mix

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