



**PATIENT**

Bear  
McAvoy/Goodwin

**PRESENTING CLINICAL SIGNS**

mass on left leg noted by owner 4 days ago with lameness. Swelling is soft and tap looks like hemorrhagic synovial fluid. mild to mod pain on palp. walking throughout clinic today.  
Abnormal PE/Chem/CBC/UA Results: cytology, culture pending initial cytology in clinic showed minimal neuts and no bacteria.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE CARPI**

Mediolateral and dorsopalmar views of both carpal regions totaling 3 images available for review.

**BREED**

Labrador Retriever

**RADIOGRAPHIC FINDINGS**

Left Carpus

A lobulated 11.0 x 3.0 cm sized soft tissue opaque mass effect is seen caudal of the distal left radius and ulnar as well as palmar of the carpus and metacarpus. The soft tissue mass effect does not appear to be associated with the carpal joint. No evidence of osseous involvement or aggressive bone lesions is seen. Mild periarticular bone remodeling of the carpal joint is noted.

**SEX**

NM

Sharply delineated interruptions of the proximal and distal cortex of the accessory carpal bone are noted. The pattern of interruption and lysis appears to be geographic with shortened distinct transitions zones. Complete separation and/or displacement of the accessory carpal bone are not seen.

**AGE**

13 Years, 4 Months

Moderate osteoarthritic changes of the 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> digit's metacarpophalangeal joint are present.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

There is bilateral atavism of the 1<sup>st</sup> digit.

Reduced muscle volume of the left forearm is noted.

**HOSPITAL NAME**

Grove Veterinary  
Clinic

Right Carpus

The 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> digits metacarpophalangeal joints reveal moderate to severe osteoarthritic changes in the right front paw as well.

The right carpus presents within normal limits.

**REFERRING VET**

Dr. Burton

**RADIOGRAPHIC DIAGNOSIS**

- Soft tissue mass caudal/palmar of the left carpus.
- Geographic lysis of the right accessory carpal bone with incomplete interruption in a vertical direction.
- Bilateral metacarpophalangeal joint osteoarthritis affecting the digits 3-5.
- Disuse atrophy of the left front limb musculature.

**INVOICE**

50413

**DATE**

2-18-22



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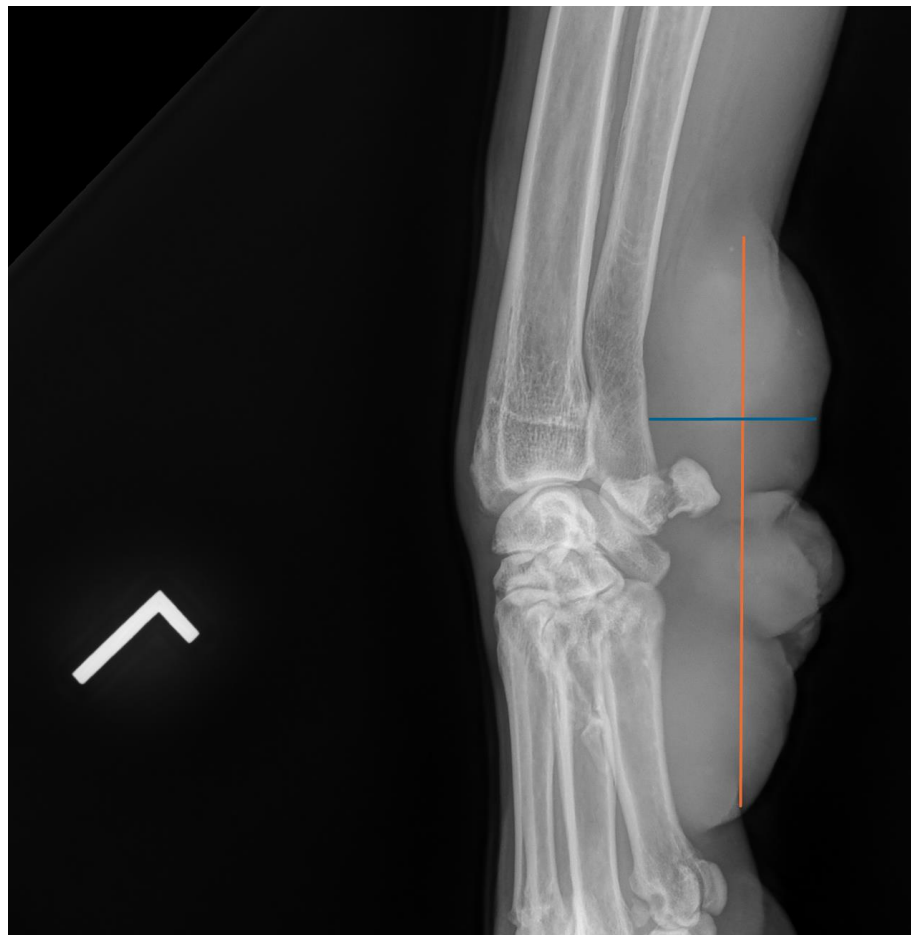
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A soft tissue mass is seen caudal/palmar of the left carpus with no radiographic signs of osseous or articular involvement. Differential diagnosis includes soft tissue neoplasia such as soft tissue sarcoma and round cell neoplasia as well as hematoma, abscess, granuloma, or cyst including synovial cyst.

The findings support presence of chronic osseous injury of the accessory carpal bone. The pattern of the osseous changes does not primarily suggest aggressive bone lysis, and trauma as well as chronic tendinitis are potential differential diagnoses. Soft tissue neoplasia with secondary bone lysis, however, cannot be ruled out entirely as a differential diagnosis.

Final diagnosis will require sampling for histology. Correlate with the pending results of the cytology. Further soft tissue imaging might be considered depending on the results such as MRI or ultrasound.





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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.

**SPECIES**

Canine

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