



## PATIENT

Dakota Holbrook

## SPECIES

Canine

## BREED

German Shepherd

## SEX

M

## AGE

13

## WEIGHT

93

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

## IMAGING PERFORMED BY

Devon Papa, CVT

## HOSPITAL NAME

Valley Veterinary  
Service

## REFERRING VET

Dr. Ariella Samson

## INVOICE

72922

## DATE

12-8-25

## PRESENTING CLINICAL SIGNS

Chronic lameness of the LF for several weeks. Carpal swelling present. Palmar stance. Patient gets Librela injections, Gabapentin, Laser Therapy, Carprofen, Levothyroxine  
Abnormal PE/Chem/CBC/UA Results: Bloodwork WNL

## RADIOGRAPHIC STUDY OF THE LEFT CARPUS

Mediolateral and dorsopalmar views of the left carpus totaling 2 images available for review.

## RADIOGRAPHIC FINDINGS

The radiographs of the left carpus reveal severe articular and periarticular soft tissue swelling around the left carpal joint. Collapse of the carpometacarpal joint space and partial collapse of the intercarpal joint space are seen with subchondral bone sclerosis of the affected joints. There appears to be mild hyperextension of the carpus. Moderate to severe periarticular new bone formation with palisading pattern is seen along the joint margins accentuating the carpometacarpal joint. No fracture or foreign material is identified. There is no evidence of aggressive bone lysis.

## RADIOGRAPHIC DIAGNOSIS

- End stage osteoarthritis of the left carpometacarpal and intercarpal joints with osteoproliferative periarticular remodeling and severe soft tissue swelling likely reflecting chronic synovitis and periarticular inflammation.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings are consistent with advanced end stage osteoarthritis of the left carpometacarpal and intercarpal joints likely contributing to the chronic lameness. The collapse of the joints spaces and subchondral bone sclerosis indicate long standing cartilage loss with new bone formation representing chronic adaptive remodeling. The findings may reflect primary degenerative joint disease, however, they may be exacerbated by age, hyperextension, prior trauma, systemic disease including chronic immune mediated polyarthritis, and chronic infectious arthritis. The soft tissue swelling reflects ongoing inflammation and potential instability. Orthopedic consultation for potential joint stabilization can be considered. Consider aspiration and analysis of synovia in order to rule out immune mediated or infectious arthritis. Pain management optimization may be reasonable as well.



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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
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