

**PATIENT**

Ryder Chamness

**SPECIES**

Canine

**BREED**German Shepherd  
Dog**SEX**

MN

**AGE**

7 Years

**INTERPRETED BY**Nele Eley, DVM  
Dr. med. Vet. DipECVDI**HOSPITAL NAME**

Animal Dental Clinic

**REFERRING VET**Jean Battig, DVM,  
DAVDC**INVOICE**

52085

**DATE**

5-10-22

**PRESENTING CLINICAL SIGNS**

Since Nov 2021, foot very inflamed/red initially, draining tract in RH foot. Responded to antibiotics. The area still breaks with a draining tract occasionally, last one 2 months. He is seeing a surgeon specialist. We are just doing the CBCT to check for bony changes since he was under anesthesia for another issue (dental related). I believe the surgeon, Dr. Banz, at NW Vet Specialists was considering a septic joint and possibly doing an aspirate of it. Any questions should be directed towards Dr. Angela Banz - [NWVSSurgery@vca.com](mailto:NWVSSurgery@vca.com)  
Abnormal PE/Chem/CBC/UA Results: NSF

**COMPUTED TOMOGRAPHIC STUDY OF THE RIGHT TARSUS & HIND PAW**

Plain CT study in bone window available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

Assessment is limited to the bones.

Severe osteoarthritic changes of the 3<sup>rd</sup> metatarsophalangeal joint are seen. The joint space is reduced in width. The subchondral bone plate is intact. No evidence of erosive changes is seen. There is mild plantar displacement of the plantar sesamoid bones which present moderate smooth new bone formation. A large amount of periarticular new bone is seen in the distal 3<sup>rd</sup> metatarsus and proximal phalanx.

The 5<sup>th</sup> metatarsophalangeal joint presents mild osteoarthritic changes.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Severe chronic osteoarthritis of the 3<sup>rd</sup> metatarsophalangeal joint in the right hind paw.
- Mild osteoarthritis of the 5<sup>th</sup> metatarsophalangeal joint in the right hind paw.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT changes suggest presence of severe chronic nonerosive arthropathy in the 3<sup>rd</sup> metatarsophalangeal joint in the right hind paw. No specific signs for septic arthritis are seen. The changes are more suggestive for chronic degenerative joint disease. However, immune mediated arthropathy and early septic arthritis cannot be ruled out entirely and aspiration and analysis of synovia could be considered for further definition if indicated.



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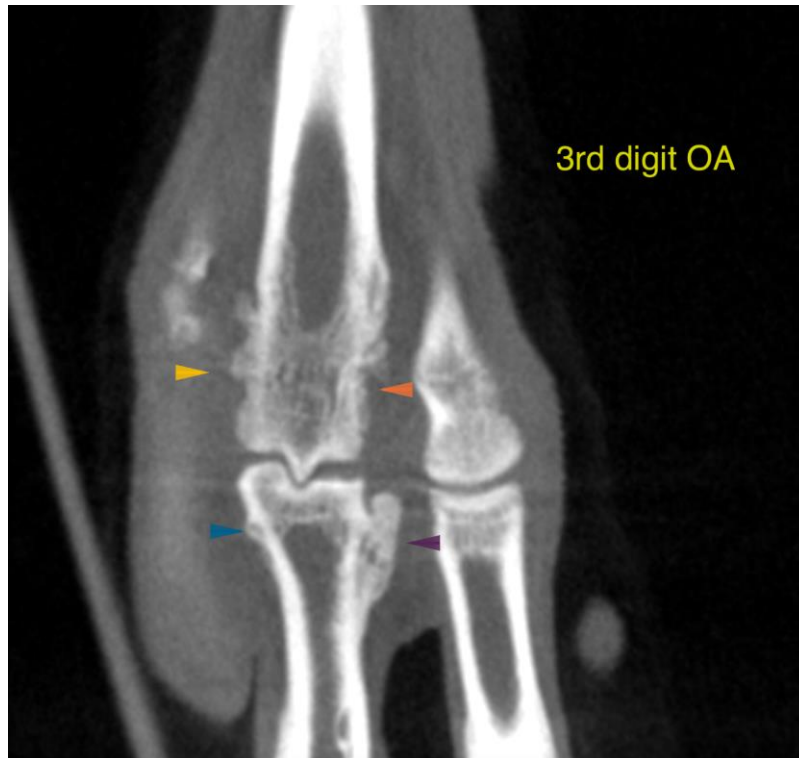
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**HOSPITAL NAME**

Animal Dental Clinic

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.

**REFERRING VET**

Jean Battig, DVM,  
DAVDC

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

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