



**PATIENT**

Zenobia Chylinski

**PRESENTING CLINICAL SIGNS**

Pet presented after acute injury and lameness of the left rear limb, owner reports hearing a "pop" when it occurred. Radiographs taken 12/13/21., no obvious findings on lateral and AP hock, normal VD pelvis. No drawer movement or pain on stifle compression. Pain palpating left hock on exam.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE TARSI, CARPI, & ELBOWS**

Plain and left tarsal arthrogram available for review.

**BREED**

Borzoi

**COMPUTED TOMOGRAPHIC FINDINGS**

**Tarsi**

There is a sagittal fracture of the plantar and medial aspects of the calcaneus with sclerotic fracture margins. The fracture appears to be incomplete in the distal aspect of the calcaneus. However, the mid and proximal portions are completely separated. There is a moderate amount of unsharp new bone formation at the fracture margins. The fracture gap is not filled with mineralized callous. There is only minimal displacement of the fracture and early osseous remodeling of the talocalcaneal articular margins is seen.

**SEX**

Female

**AGE**

1 Year

The tarsocrural joint is moderately distended. Distension of the synovial sheath of the deep digital flexor tendon, which communicates with the tarsocrural joint, is seen as well.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The right tarsus presents within normal limits.

**Carpi**

Two small, rounded fragments are isolated from the palmar and distal aspect of the 3<sup>rd</sup> carpal bone. The larger fragment is more proximal and measures 2mm. The distal fragment is smaller and measures 1mm in diameter. Only minimal regional soft tissue swelling is seen. There is no evidence of subluxation or luxation. The periarticular margins present smooth.

**HOSPITAL NAME**

Wilson Veterinary  
Hospital

The left carpus presents within normal limits.

**Elbows**

Both elbows present within normal limits.

**REFERRING VET**

Dr. Nick Vitale

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

49080

- Subacute left calcaneal fracture with articular involvement and tarsocrural synovialitis.
- Suspect chronic injury with small avulsion fragments of the 3<sup>rd</sup> carpal bone in the right carpus.

**DATE**

12-15-21

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals a sagittal fracture of the left calcaneus. There is involvement of the proximal joint surface and the talocalcaneal articulation. The presence of new bone formation indicates this representing a subacute injury. Open reduction and internal fixation of the fracture could be discussed versus temporary or permanent tarsal arthrodesis. Consultation of an



**PATIENT**

orthopedic surgeon recommended if not performed already.

Zenobia Chylinski

The carpal injury appears to be chronic in nature and is not necessarily associated with carpal instability. Correlate with the clinical palpation and further treatment is only necessary in case of pertinent clinical signs.

**SPECIES**

Canine

**BREED**

Borzoi

**SEX**

Female

**AGE**

1 Year

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Wilson Veterinary  
Hospital

**REFERRING VET**

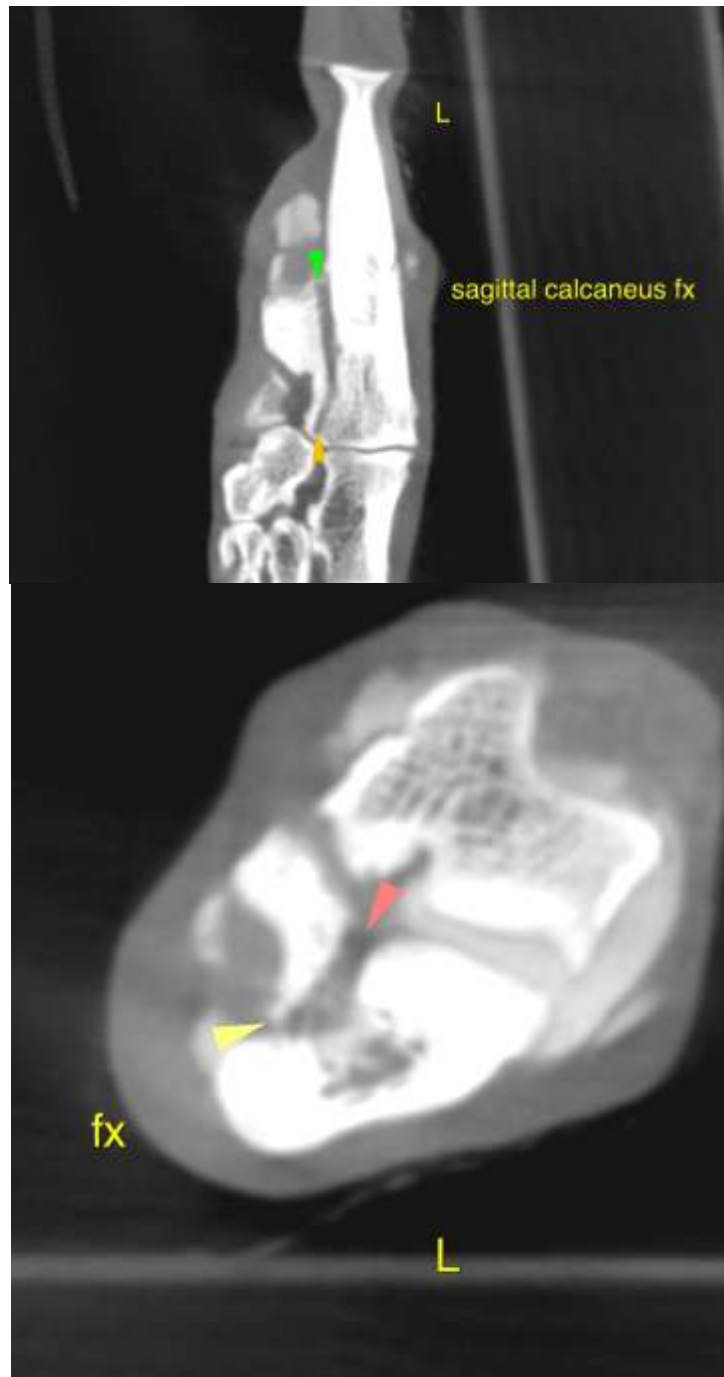
Dr. Nick Vitale

**INVOICE**

49080

**DATE**

12-15-21





**PATIENT**

Zenobia Chylinski

**SPECIES**

Canine

**BREED**

Borzoi

**SEX**

Female

**AGE**

1 Year

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Wilson Veterinary  
Hospital

**REFERRING VET**

Dr. Nick Vitale

**INVOICE**

49080

**DATE**

12-15-21



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**, 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