



**PATIENT**

River Ma

**PRESENTING CLINICAL SIGNS**

Chronic R hind limb lameness (since 10/2020) and muscle atrophy of the R hind limb

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS**

Plain and post IV contrast studies available for review.

**BREED**

Weimaraner

**COMPUTED TOMOGRAPHIC FINDINGS**

Prostatic hyperplasia with intraprostatic cysts of the non-neutered male are seen.

The pelvic canal is narrow.

The right sacroiliac joint presents partial osseous fusion.

**SEX**

Male

There is marked pelvic asymmetry with medial deviation of the right hemipelvis accentuating the acetabulum. The right acetabulum presents chronic osseous injury with multiple partially bridged and sclerotic fragments and overall medial and dorsal displacement. Sclerotic fracture margins are seen in the dorsal aspect of the acetabular roof. The right femoral head presents generalized sclerosis with multiple lollipop shaped subchondral bone defects. The right sciatic bone presents mild ventral deviation.

**AGE**

2 Years

A moderate amount of smooth new bone formation is seen circumferential to the right acetabulum which coincides with the pathway of the sciatic nerve in the sciatic foramen level with the sciatic bone medial of the trochanteric fossa.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The left hemipelvis appears to be intact.

The right hind limb presents severe generalized muscle atrophy.

**HOSPITAL NAME**

Parrish Creek  
Veterinary Clinic

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Chronic right acetabulum and pelvic bone fracture with degenerative joint disease of the right coxofemoral joint, hypertrophic malunion, and presumed neuropathy of the right peripheral sciatic nerve.
- Partial osseous fusion of the right sacroiliac joint presumably after traumatic injury.
- Prostatic hyperplasia with intraprostatic cysts.

**REFERRING VET**

Dr. Will Becker

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with chronic malunion fractures of the right hemipelvis involving the pelvic floor as well as the right acetabulum. End stage degenerative joint disease of the right coxofemoral joint is noted which may contribute to lameness, pain, and atrophy. However, there also is a moderate amount of new bone formation interfering with the sciatic foramen which may encompass the pathway of the peripheral right sciatic nerve. Further clinical neurologic workup is recommended in order to differentiate between neurogenic and disuse muscle atrophy.

**INVOICE**

51190

**DATE**

3-25-22

Electromyogram could be considered as well for further definition.



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**SPECIES**

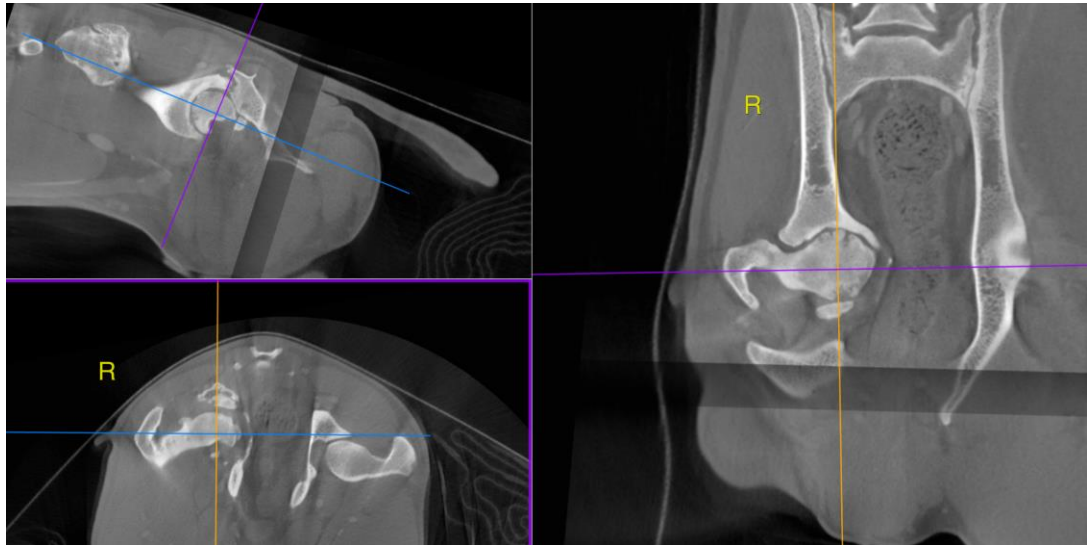
Canine

**BREED**

Weimaraner

**SEX**

Male



**AGE**

2 Years

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.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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