



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
 Ramona Lane

SPECIES
 Canine

BREED
 Boxer X

Ramona, a 1 year old Female Spayed Boxer X, was presented to the Toronto Animal Health Partners Surgery Service for right forelimb lameness. The lameness was initially noticed March 2021. Started as mild and intermittent forelimb lameness. Radiographs taken. Started on rest and NSAIDs which has not helped. Radiographs retaken in July 2021. Mild lameness is persistent and intermittently worse. Ramona on normal activity (2 hours walking per day). Normal EDUD; No VDSC. Ramona has had no response to the medications provided. (Metacam) Ramona is currently eating RC mobility, with no history of allergies. Ramona is UTD on vaccines. Abnormal PE/Chem/CBC/UA Results: Pelvic sway to the right No forelimb lameness on exam, in video provided an intermittent subtle right forelimb lameness Mild resistance to right hip extension Resistance to internal rotation and flexion of the elbows, worse on the right Pain on biceps insertion/coronoid, worse on the right

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS, SHOULDERS TO CARPI

SEX
 FS

Plain study in soft tissue and bone windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Elbows

AGE
 1 Year

Deformity and decreased density of the tip of the right and left medial coronoid process are seen. There is mild periarticular bone remodeling. The joint spaces are congruent. No evidence of subchondral bone defects is noted.

Carpi

An area of decreased density is seen in the medial third of both radiocarpal bones. Mild concavity of the distal joint surface of the radiocarpal bone is seen at the same site in both carpi. There is no significant articular swelling noted.

Shoulders

Both shoulders present within normal age related limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid pathology with early degenerative joint disease.
- Signs of incomplete fusion of the radiocarpal bone in both carpal joints.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals medial coronoid pathology in both elbows with no discrete fragments or fissure lines. The changes suggest presence of osteomalacia or microfractures. Early signs of secondary osteoarthritis are seen in both elbows. The changes are slightly more pronounced in the right when compared with the left elbow.

The clinical significance of the mild signs of incomplete fusion of the radiocarpal bone remains unclear. There appears to be a small indentation within the distal articular surface of the

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDF

HOSPITAL NAME

Animal Health
 Partners

REFERRING VET

Dr. Jeffery Biskup

INVOICE

55184

DATE

11-15-22



PATIENT

Ramona Lane

radiocarpal bone in both carpi. However, no evidence of concurrent articular swelling or osseous remodeling is noted.

SPECIES

Canine

BREED

Boxer X

SEX

FS

AGE

1 Year

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

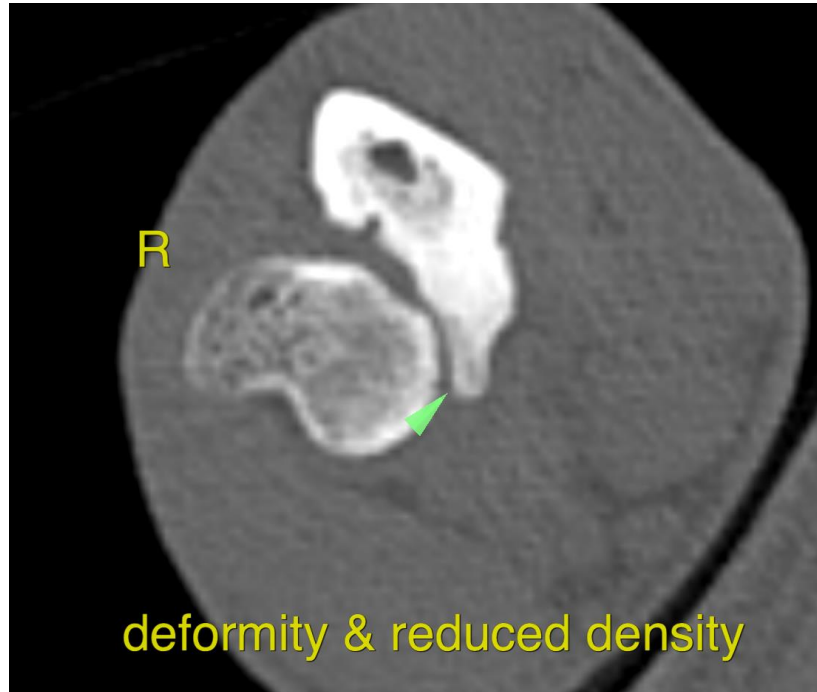
Dr. Jeffery Biskup

INVOICE

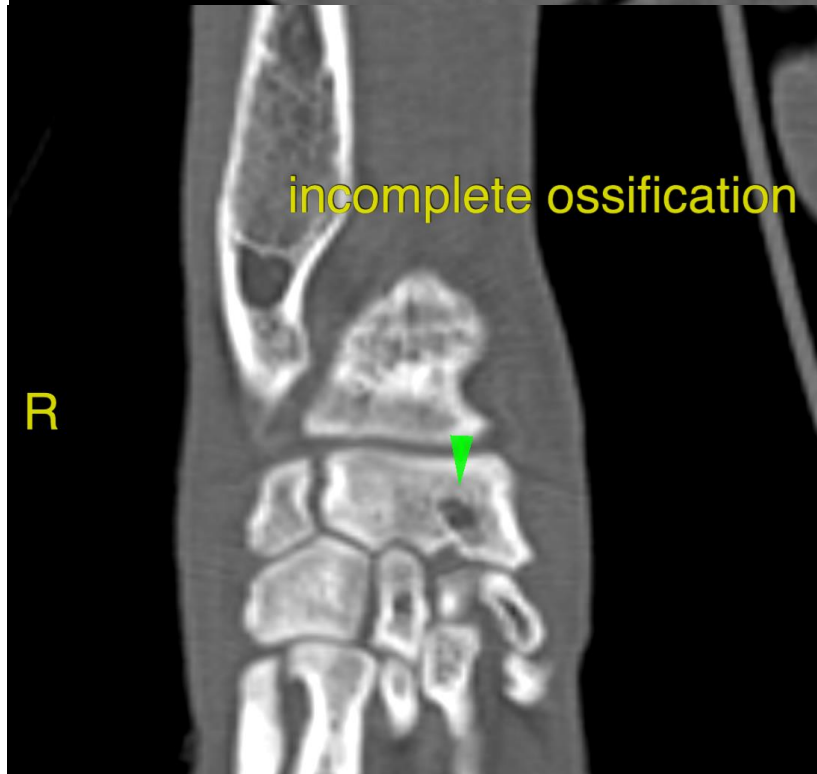
55184

DATE

11-15-22



deformity & reduced density



incomplete ossification



PATIENT

Ramona Lane

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.

SPECIES

Canine

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.

BREED

Boxer X

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

SEX

FS

AGE

1 Year

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Jeffery Biskup

INVOICE

55184

DATE

11-15-22