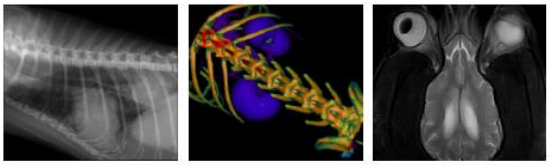

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Milo Bartha

SPECIES

Canine

BREED

French Bulldog

SEX

Male

AGE

9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Colyton Veterinary Hospital

REFERRING VET

Dalton Nguyen

INVOICE

56845

DATE

2-20-23

PRESENTING CLINICAL SIGNS

RFL lameness of 1 week - no improvement with NSAIDs Pain localised to the carpus and elbow region Radiographs raised concerns of medial sclerosis, potentially mild radioulnar mismatch

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS & CERVICAL SPINE

Plain studies in soft tissue and bone windows of the cervical spine and front limbs from the front paws to the shoulders available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Front Limbs

The long bones are stunted and short as typical in chondrodystrophic breeds.

No evidence of elbow joint subluxation is seen.

The radius and ulna show no significant step formation. However, mild bilateral humeroulnar joint asymmetry is seen with a relatively flat trochlear notch.

No evidence of medial coronoid pathology or subchondral bone defects is seen.

The shoulder joints present within normal limits. There is no evidence of osteochondritis, luxation, subluxation, or traumatic osseous injury.

Both carpal joints and phalangeal joints present within normal limits.

Cervical Spine

The atlantoaxial and atlantooccipital junctions present within normal limits.

The 3rd cervical vertebra is shortened and a butterfly vertebra with sagittal full craniocaudal thickness defect of the vertebral body involving its cranial and caudal endplates and presents narrowing of the C2/3 and C3/4 intervertebral disc spaces.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Congenital vertebral malformation: butterfly type hemivertebra C3.
- Mild bilateral elbow joint incongruity with no evidence of medial coronoid pathology or osteochondritis.
- Normal CT presentation of the shoulders and front paws.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a butterfly type vertebral malformation of the 3rd cervical vertebra which is concurred by vertebral endplate defects and reduced width of the intervertebral disc spaces C2/3 and C3/4 suggesting potential for intervertebral disc disease here. No obvious compressive myelopathy is seen.

The significance of the mild humeroulnar incongruity in both front limbs remains uncertain. No

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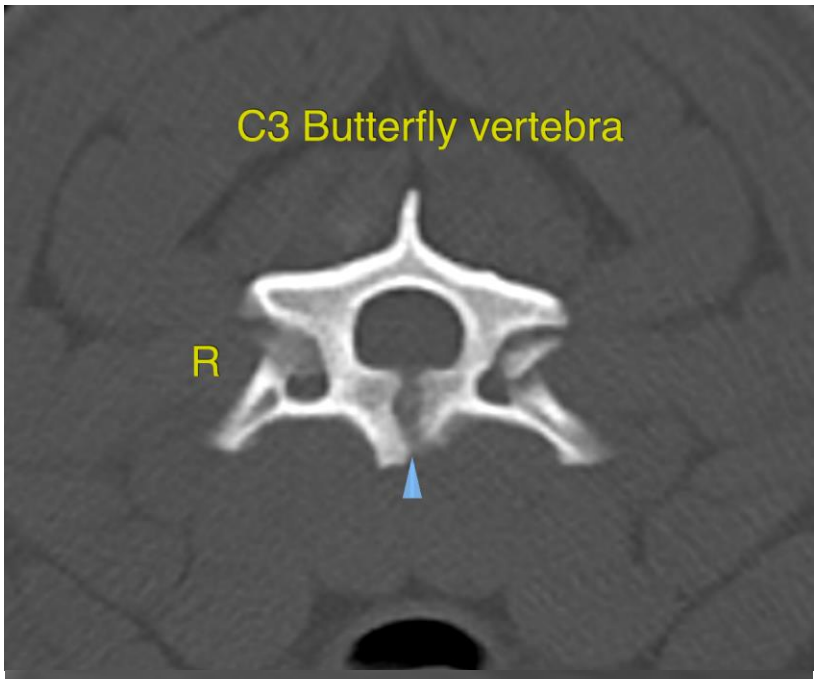
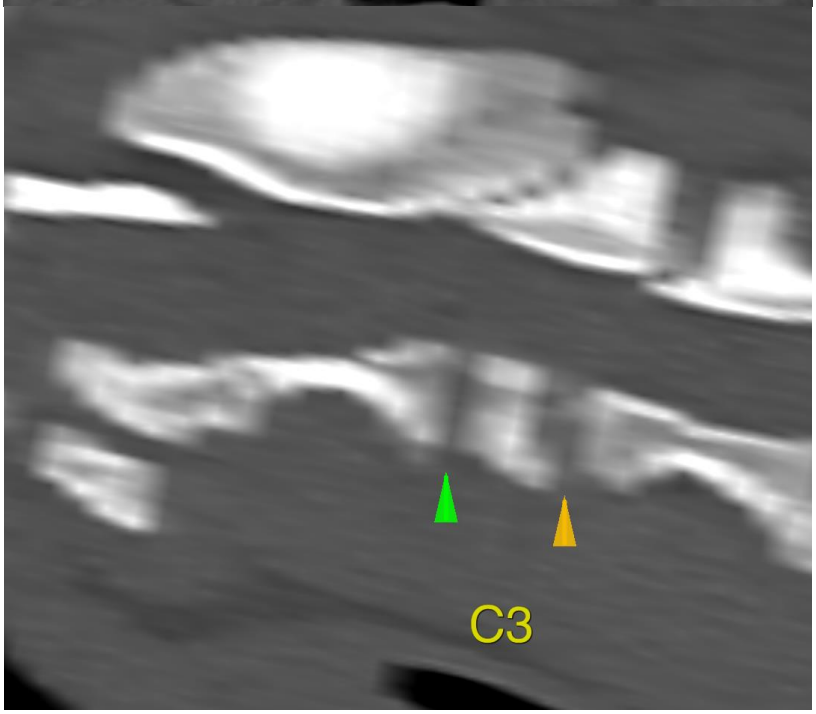
evidence of medial coronoid pathology or osteochondritis nor of secondary osteoarthritic changes is seen.

The shoulders and front paws present within expected limits.





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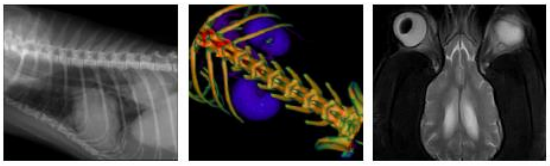

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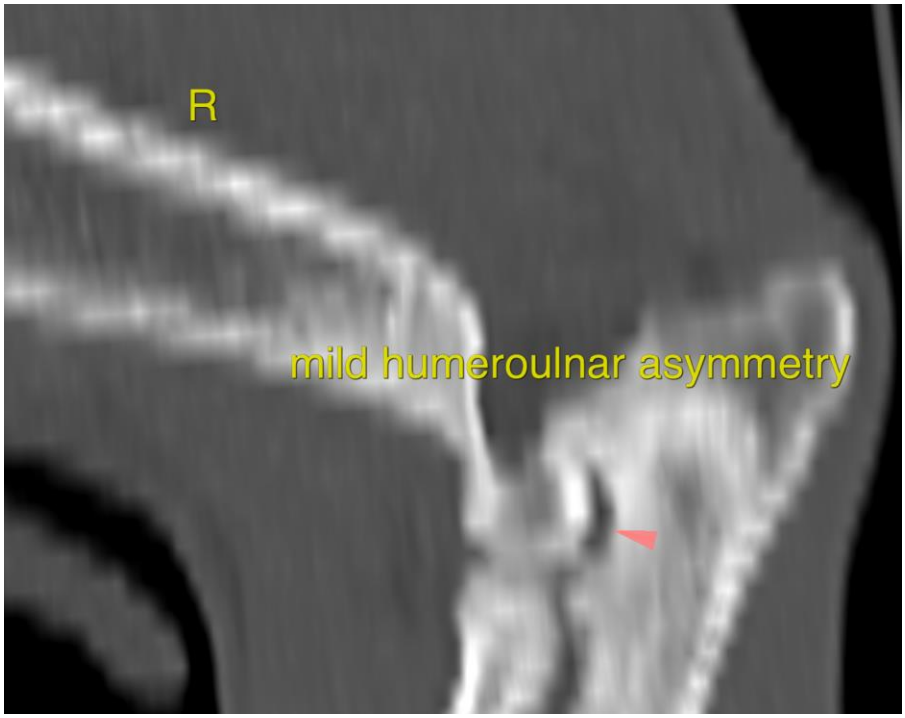

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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