



PATIENT

Archie Bayliss

SPECIES

Canine

BREED

French Bulldog

SEX

Male

AGE

7

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Colyton Veterinary
Hospital

REFERRING VET

Chris Papantonio

INVOICE

56765

DATE

2-15-23

PRESENTING CLINICAL SIGNS

Had a history of cervical pain with stiffness and reduced ROM in December 2022. Ambulation and proprioception was normal at the time. Was placed on prednisolone and improved thereafter. Had an acute flare up overnight with again cervical pain. Resents manipulation especially ventrally. No ataxia or proprioception deficits. No nerve root signature seen. Plain CT and CT myelogram performed

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain study and myelogram of the cervical, thoracic, and lumbar spine in soft tissue and bone windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Myelogram is with lumbar puncture between L5 and L6 with some epidural contrast media leakage noted. However, forward flow of the contrast media is adequate and complete.

The intervertebral disc space C5/6 is moderate reduced in width. A moderate amount of isoattenuating intervertebral disc material is extruded into the ventral epidural space and occupies approximately 30% of the vertebral canal's cross sectional area level with the intervertebral disc space. Nearly complete deviation of the ventral contrast column is noted. There is moderate dorsal deviation and compression of the spinal cord.

Multiple vertebral endplate defects are seen cranially and caudally within T5, cranially within T6, and cranially within T10 and T11.

Mild lumbosacral intervertebral disc protrusion, vertebral endplate sclerosis, and moderate spondylosis deformans are seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderately compressive intervertebral disc extrusion within the cervical spine between C5 and C6.
- Multiple vertebral endplate defects suggestive for Schmorl's nodes and/or modic changes of the vertebral endplates, differential diagnosis: discospondylitis unlikely.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings support the presence of an intervertebral disc extrusion within the cervical spine between C5 and C6. Moderate dorsal deviation and compression of the spinal cord are noted. Acute hydrated nucleus pulposus extrusion is considered likely based on the CT presentation. Decompressive surgery could be considered depending on the clinical signs.

The multiple small well delineated vertebral endplates are likely to represent so called Schmorl's nodes with or without modic changes of the vertebral endplates. Discospondylitis cannot be ruled out entirely as a differential diagnosis but is thought by far less likely.



PATIENT

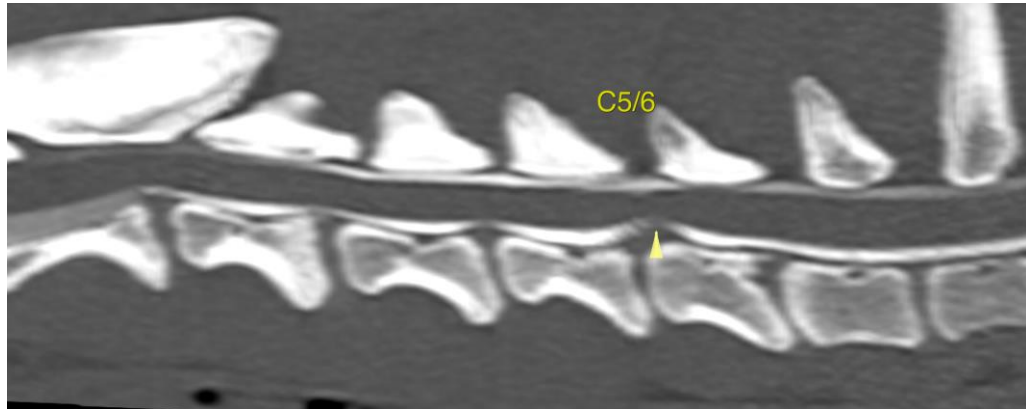
Archie Bayliss

SPECIES

Canine

BREED

French Bulldog



SEX

Male

AGE

7

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Colyton Veterinary
Hospital

REFERRING VET

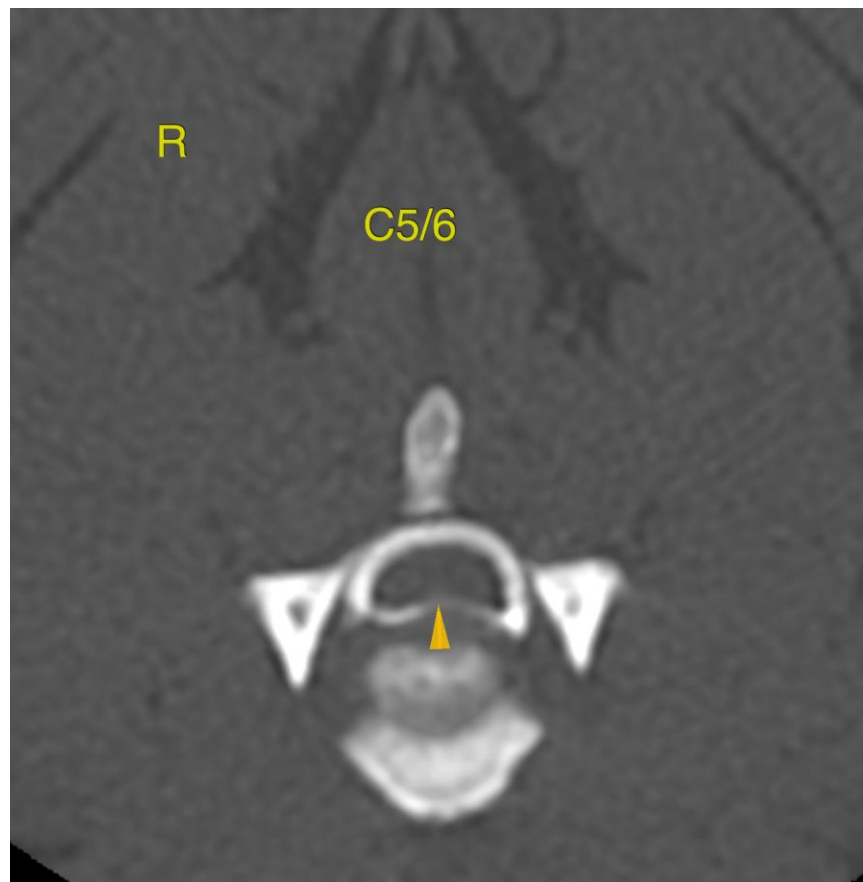
Chris Papantonio

INVOICE

56765

DATE

2-15-23





PATIENT

Archie Bayliss

SPECIES

Canine

BREED

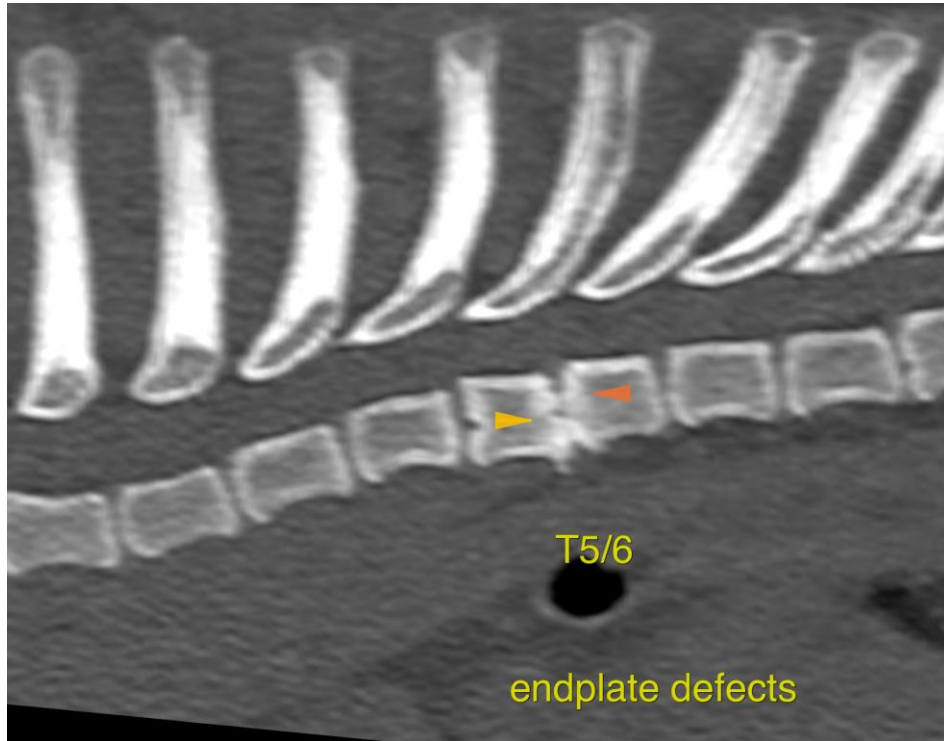
French Bulldog

SEX

Male

AGE

7



INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

Colyton Veterinary
Hospital

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

REFERRING VET

Chris Papantonio

INVOICE

56765

DATE

2-15-23