



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Charlie Corder

SPECIES
Canine

BREED
Rottweiler

SEX
MN

AGE
8 Years

INTERPRETED BY
Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME
Wilson Veterinary Hospital

REFERRING VET
Dr. Nicholas Vitale

INVOICE
50299

DATE
2-15-22

Pet fell out of bed in December 2021. Owner reports that since that time, pet will intermittently cry out in pain. Seems to be worse when he is turning, but not specific to the L or to the R. Orthopedic exam revealed no lameness, and no neuro deficits noted. Pet reacted painfully when direct pressure was applied to the top of the neck. A CT was recommended to evaluate the area for hairline vertebral fractures or other evidence of traumatic injury.

Abnormal PE/Chem/CBC/UA Results: CBC, Chem 25, electrolytes were all WNL prior to anesthesia

COMPUTED TOMOGRAPHY OF THE CERVICAL & THORACIC SPINE

A high resolution pre- and post-contrast CT study of the cervical & cranial thoracic spine are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The intervertebral disc space C4/C5 is moderately narrowed – there is moderate image noise visible at the same level, due to photon starvation and evaluation of the respective intervertebral disc is limited.

The intervertebral disc spaces T3/T4 to T9/T10 are moderately narrowed and the subchondral bone of the respective vertebral endplates presents with multiple crescent shaped, variable sized, well-defined, defects. The respective vertebral endplates present moderate spondylosis formation.

Small, mineralized bodies are seen in the tendon of the supraspinatus muscle bilaterally, R>L.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Discopathy C4/C5
- Chronic discopathy T3/T4 to T9/T10 with chronic osseous remodeling of the vertebral endplates, spondylosis formation and Schmorl’s nodes
- Calcifying tendinopathy supraspinatus muscle bilaterally, R>L - incidental

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Unfortunately, the photon starvation artefact – originating from the front limbs within the imaging plane – is limiting evaluation of the respective segment of the cervical spine, presenting a narrowed intervertebral disc space C4/C5. If clinical signs indicate compressive myelopathy along the cervical spine, repeating the CT study with the front limbs pulled caudally can be considered; a myelographic CT study might be beneficial as well.

The changes along the thoracic spine are considered due to chronic discopathy with chronic osseous remodeling of the affected vertebral endplates. The odds for infectious discospondylitis are considered low.



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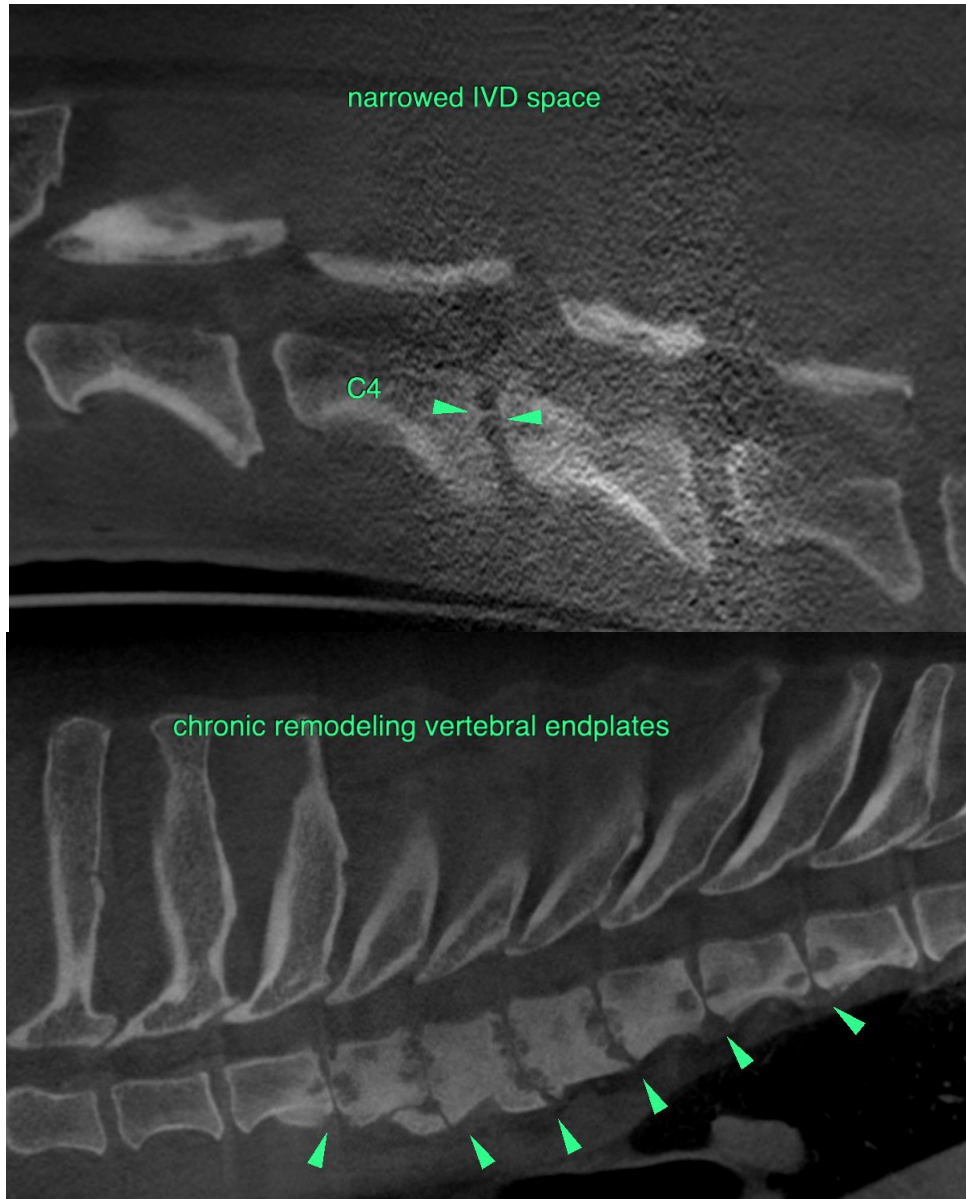
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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