



PATIENT

Cortana Gregore

PRESENTING CLINICAL SIGNS

Cortana presented for spine complications that arose last night. patient had history of hemilaminectomy by Dr.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE THORAC & LUMBAR SPINE

A high resolution myelographic CT study of the thoracic & lumbar spine are provided for review.

BREED

Beagle

COMPUTED TOMOGRAPHIC FINDINGS

Mild motion artefacts of the spine are appreciated.

SEX

FS

Multifocal moderate spondylosis formation is seen along the thoracic & lumbar spine and multiple facet joints of the lumbar spine present moderate osteophyte new bone formation.

The left articular processes L2/L3 are absent, and a small defect is seen in the left lamina at the same level. The epidural space level L2/L3 is moderately widened in the right aspect and the dural tube is deviated to the left and distorted by the mass effect.

AGE

6 Years

Moderate mineralization of the intervertebral discs L2/L3 to L6/L7 is appreciated.

After intrathecal contrast administration, contrast media can be appreciated both in the epi- and subarachnoidal space along the thoracic and lumbar spine.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The intervertebral discs T6/T7 to T9/T10, T11/T12 to L4/L5 are mild to moderately protruding into the vertebral canal, distorting the ventral subarachnoidal space at the same level.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of left sided hemilaminectomy L2/L3 with focal right sided widening of the epidural space and distortion of the dural tube
- Mild to moderate intervertebral disc protrusion T6/T7 to T9/T10, T11/T12 to L4/L5 with potential dynamic myelocompression
- Serial spondylarthrosis lumbar spine
- Spondylosis deformans thoracic & lumbar spine

HOSPITAL NAME

Animal Surgical
Center

REFERRING VET

Paumonok Vet
Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The main finding is the deviation and distortion of the dural tube level L2/L3 – level with the history of left sided laminectomy. It cannot be further differentiated if there was reoccurring extrusion of disc material at the same level or the material might have been located in the vertebral canal beforehand and represents a state post intervertebral disc extrusion and hemilaminectomy.

INVOICE

51551

The multifocal intervertebral disc protrusions can be a source for pain but are considered unlikely to cause paresis.

DATE

4-15-22

Be aware that the epidural distribution of the contrast media causes an overall irregular outline of the contrast column. Based on the findings of the neurological examination recommend repeating the myelographic CT study of complementing workup by an MRI study of the spine.



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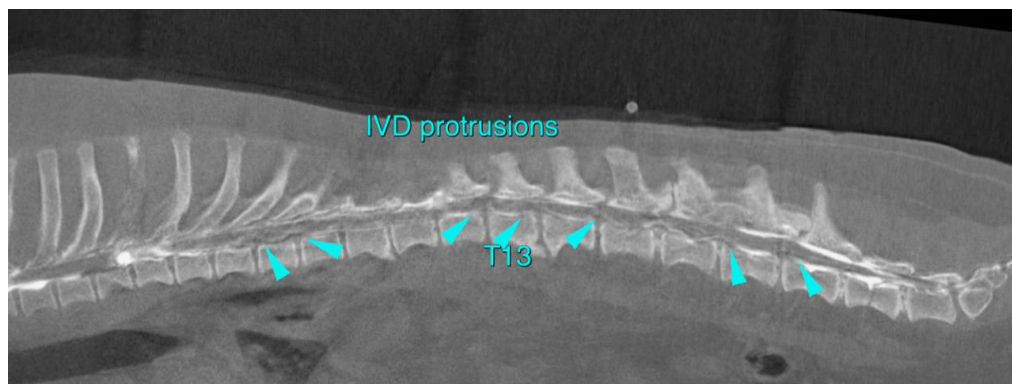
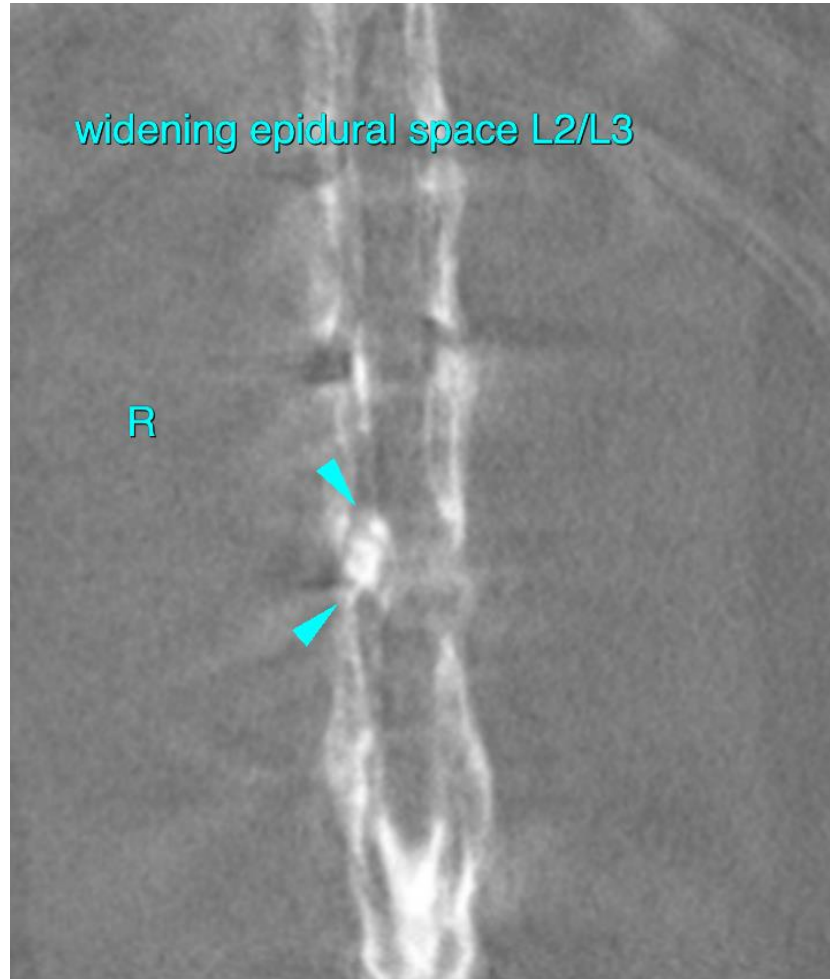
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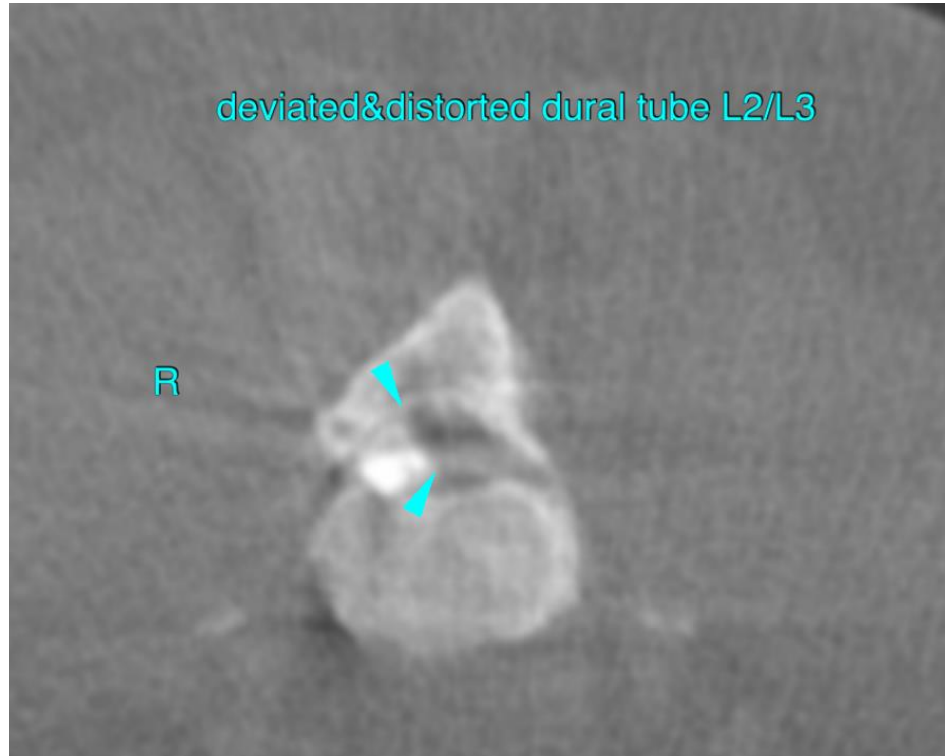
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deviated&distorted dural tube L2/L3

R

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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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