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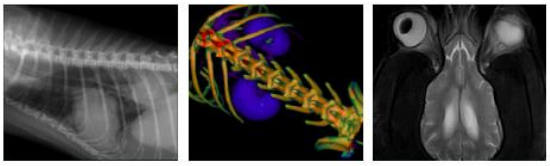

PATIENT

Ah Lee Sipala

SPECIES

Canine

BREED

French Bulldog

SEX

MN

AGE

7

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Surgical Center

REFERRING VET

Dr. Valenti

INVOICE

55392

DATE

11-28-22

PRESENTING CLINICAL SIGNS

Saturday 11/26 had left rear paresis that progressed to complete non-weight bearing in the rear limbs.

COMPUTED TOMOGRAPHY OF THE CERVICAL, THORACIC AND LUMBAR SPINE

A high resolution plain and myelographic CT study of the entire spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

THE LAST RIB BEARING VERTEBRA IS COUNTED AS T13.

The vertebral endplates C6/C7 present moderate ventral spondylosis formation. The remainder of the osseous and surrounding soft tissue structures of the cervical spine are within normal limits.

Multiple hemivertebra are appreciated along the thoracic spine. Multifocal spondylosis formation is seen along the thoracic spine and cranial lumbar spine. The spinous processes T7 to T9 are in contact with each other and present osseous remodeling of the most proximal segment of the spinous processes.

Mineralized disc material is protruding into the vertebral canal, level with T11/T12, L1/L2, L2/L3 and L5/L6 occupying approximately up to 5% of the cross-sectional area of the vertebral canal at the same level.

After intrathecal contrast administration, the contrast media is distributing within the epidural space – resulting in an irregular distribution of the contrast medial along the dural tube. Level with the intervertebral disc space T12/T13, extradural soft tissue material is appreciated in the right lateroventral aspect of the vertebra canal, occupying approximately 70% of the cross-sectional area of the vertebral canal at the same level and extending over the complete length of the hemivertebra T12; the dural tube is displaced to the left and dorsally and distorted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intervertebral disc herniation T12/T13 with compressive myelopathy
- Multiple hemivertebra along the thoracic spine
- Mild intervertebral disc protrusion T11/T12, L1/L2, L2/L3, L5/L6 without compressive myelopathy
- Spondylosis deformans

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents herniated disc material in the right lateroventral aspect vertebral canal level T12/T13 with secondary compressive myelopathy – the finding is considered as the clinically relevant finding for the presenting clinical signs. Unfortunately, in the myelographic CT study, contrast media is distributing along the epidural space causing the irregular pattern of the contrast column – but I cannot appreciated any other location with significant attenuation of the contrast column. If the findings of the clinical examination are supporting neurolocalization T12/T13, surgical decompression is considered as the therapy of choice, if not recommend repeating the myelographic CT study prior to surgical intervention.

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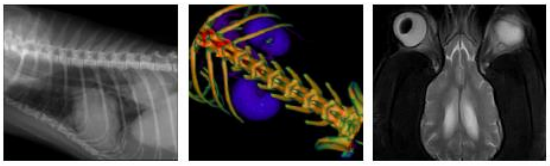

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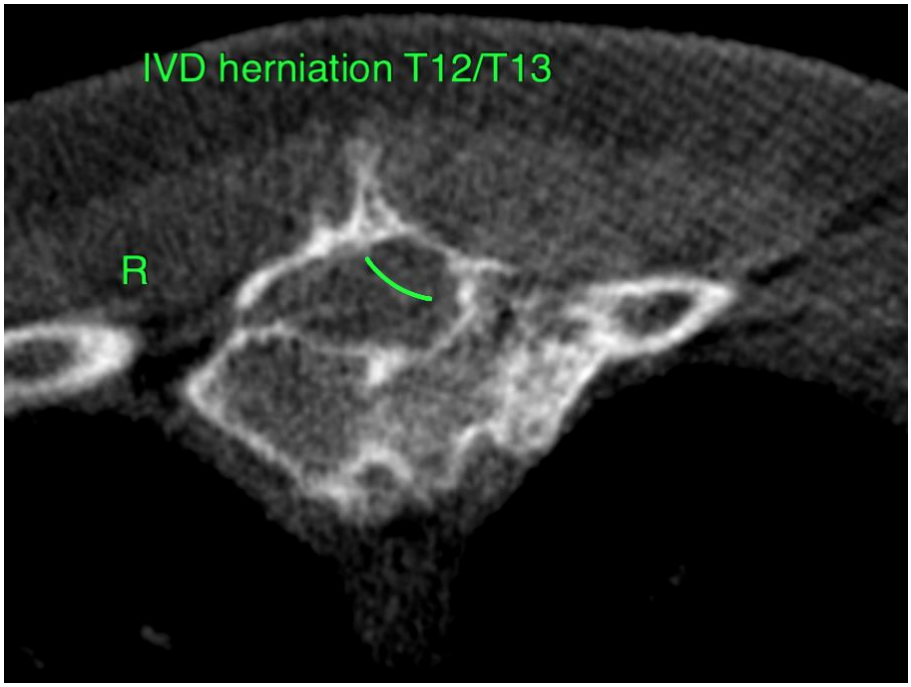

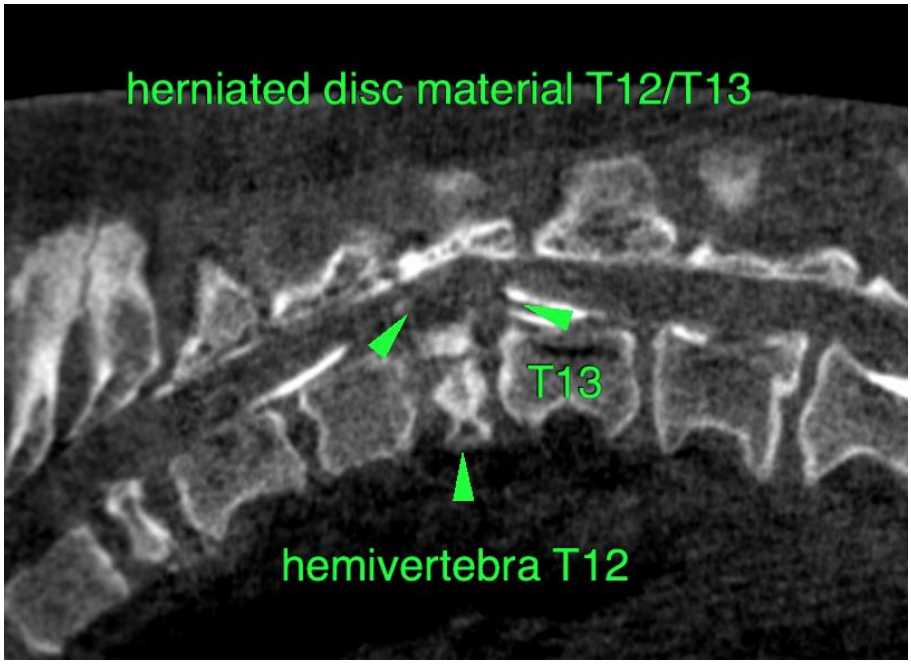

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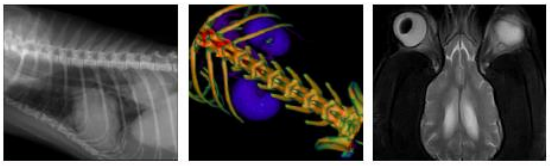

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com