



PATIENT PRESENTING CLINICAL SIGNS

Ruby Thomas Ruby presented today for a consultation for her back pain that began at the end of May this year. Per O she had gotten the zoomies then fell down. She is posturing correctly when she needs to go to the bathroom. Shakey hind legs. rDVM has taken radiographs recently (o brought them with, will be added to the file) Up to date on vaccines. Surrent on HWP & flea and tick preventions. 600mg Gabapentin Fish Oil Supplement SID

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: Bun Urea H 40 Crea H 2.0 Sodium H 162 HCT 5.5 Hbc0.4 L MCHC L 7.3 WBC 1.25 NeuT 77.6 plt 64 retics 2.4 rbc 0.65

BREED

Labrador Retriever

COMPUTED TOMOGRAPHY OF THE CERVICAL, THORACIC AND LUMBAR SPINE

A high resolution pre- and post-contrast CT study of the entire spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Spayed Female

The osseous and soft tissue structures of the cervical spine present without abnormalities.

The intervertebral disc T12/T13 is protruding into the vertebral canal, occupying approximately 10% of the cross-sectional area of the vertebral canal at the same level. The dural tube level T12/T13 is mildly deviated to the right.

AGE

10

The vertebral endplates T11/T12, T12/T13 and L3/L4 present mild spondylosis formation. No abnormalities are appreciated along the sacrum and pictured cranial segment of the caudate spine.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both coxofemoral joints present mild osteophyte new bone formation.

Both kidneys present irregular margins with concave depressions of the surface.

Nodular enlargement of the caudal pole of the left adrenal gland is noted, measuring 15 mm in diameter and presenting a heterogeneous contrast enhancement pattern.

HOSPITAL NAME

Neel Veterinary
Hospital

The caudal extremity of the spleen presents evidence of chronic peripheral infarction.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intervertebral disc protrusion T12/T13 with possible dynamic spinal cord compression
- Nodular enlargement left adrenal gland
- Bilateral chronic nephropathy
- Chronic splenic infarction
- Spondylosis deformans

REFERRING VET

Dr. Deepan Kishore

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

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The mild intervertebral disc protrusion T12/T13 can cause dynamic myelocompression and might be a source for pain. No additional clinically relevant abnormalities are appreciated along the entire spine. In case of doubt, workup can be complemented by a myelographic CT study or MRI study of the spine to rule out intradural lesion.

DATE

11-23-22

The nodular enlargement of the left adrenal gland is suggestive for (non)functional macronodular hyperplasia or neoplastic transformation (e.g. adenoma, adenocarcinoma, pheochromocytoma). Testing of the pituitary adrenal axis might be considered as advanced diagnostic tool.



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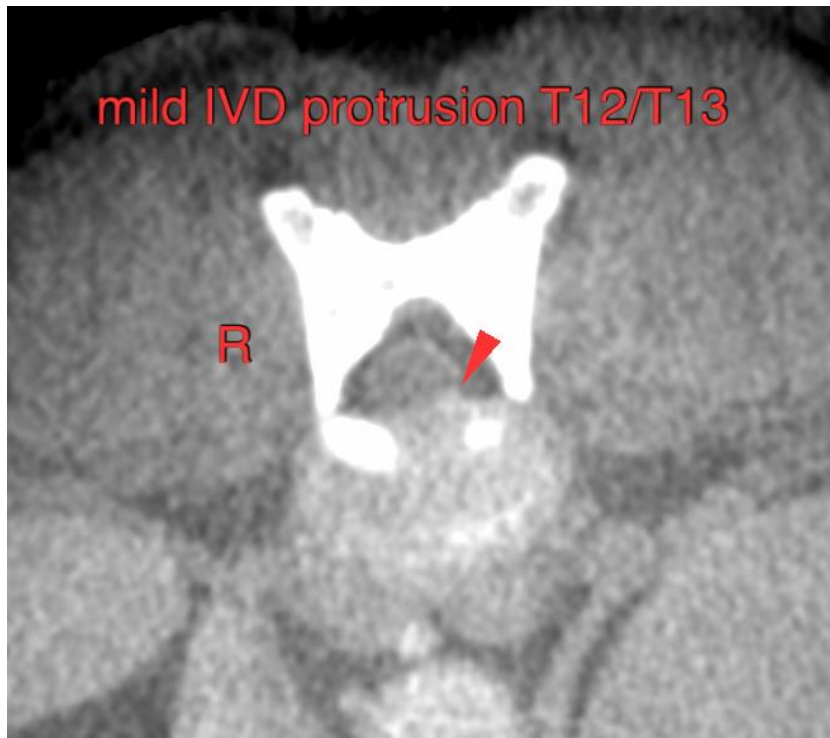
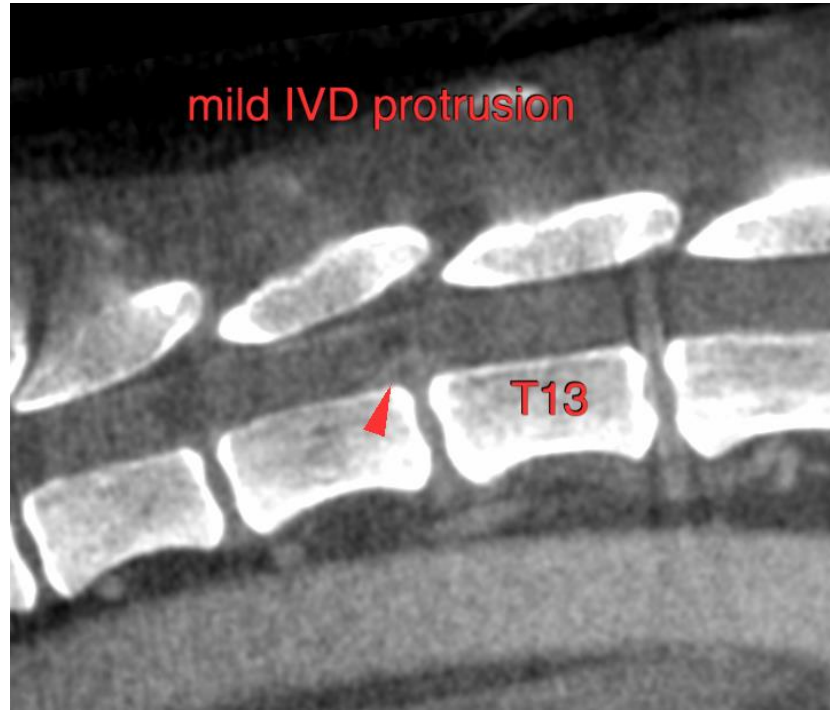
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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