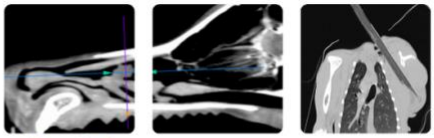

PATIENT

Maddie Duff

SPECIES

Canine

BREED

French Bulldog

SEX

Spayed Female

AGE

9

WEIGHT

13

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Dr. Eamon

HOSPITAL NAME

Belconnen Veterinary Centre

REFERRING VET

Dr. Eamon

INVOICE

14345

DATE

03/15/26

PRESENTING CLINICAL SIGNS

- hunched back
- reduced propriception bilateral hind
- exaggerated hind reflexes

Abnormal PE/Chem/CBC/UA Results: cbc/chem/urine within normal limits

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen including the thoracic and lumbar spine in a bone, lung and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

T9 and T12 present as hemivertebra. The subchondral bone of the vertebral endplates T12/T13 presents moth eaten defects and a moderate sclerosis – the respective intervertebral disc spaces is collapsed. Level T110 to T13, moderate kyphosis of the spine is appreciated.

Level with the intervertebral disc space T9/T10, mild hyperattenuating material is protruding into the vertebral canal, occupying approximately 10% of the cross-sectional area of the vertebral canal at the same level.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. Level with the absent ovaries, punctuate mineralization of the peritoneal fat are appreciated.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

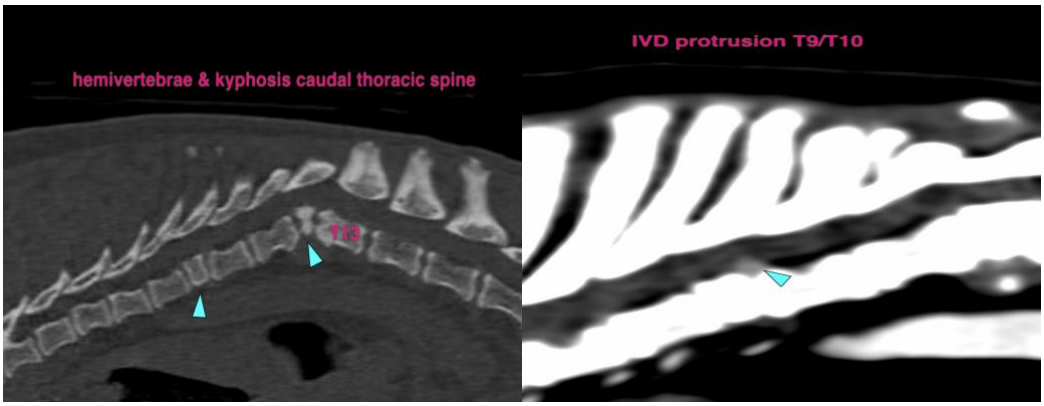
The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intervertebral disc herniation T9/T10 without compressive myelopathy
- Hemivertebra T9 and T12 – secondary kyphotic kinking of the caudal thoracic spine level T10 to T13
- Normal thorax
- Normal abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appreciated changes along the thoracic and lumbar spine are chronic and the clinical relevance for the acute presenting clinical signs is unclear. An acute exacerbation of a chronic condition may have contributed to the recent development of clinical signs. Complementing workup by a myelographic CT study or MRI study of the spine can be used as advanced imaging modalities.



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, DVM, Dr. med. vet. DipECVDI
info@sonopath.com