



PATIENT PRESENTING CLINICAL SIGNS

Mason Whyte For the past 2 weeks the patient has had a decreased appetite and activity. He has been very picky eating and when he does eat he will vomit a short while later. He was hospitalized for several days on intravenous fluid therapy and supportive care and was doing better. But in the days following his discharge, he did not thrive.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: cbc - wnl chem - wnl Lactate (initially) increased at 3.0 CPL - 550 AUS was performed - no significant findings however due to gas in the stomach it was very difficult to appreciate the pancreas and the upper right quadrant organs.

BREED

Labrador-X

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A high resolution pre- and post-contrast CT study of the abdomen and a plain CT study of the thorax are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Thorax

Male

The vertebral endplates C5/C6 and T2/T3, T3/4 and T5/T6 to T11/T12 present variable sized moth eaten osteolytic lesions of the subchondral bone of the respective vertebral endplates are appreciated. T4/T5 are fused. All intervertebral discs along the thoracic & lumbar spine are bulging into the vertebral canal, occupying approximately up to 10% of the cross-sectional area of the vertebral canal at the same level. Multifocal spondylosis formation is seen along the thoracic & lumbar spine. The dural tube presents multifocal mild to moderate peripheral mineralization.

AGE

12 Years, 4 Months

INTERPRETED BY

The periarticular bones of the shoulder joints present mild osteophyte new bone formation.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

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

HOSPITAL NAME

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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 with randomly distributed interspersed punctuate mineralization.

REFERRING VET

Joseph D'Abbraccio,
DVM

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.

INVOICE

57274

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.

DATE

3-15-23

The right adrenal gland is within normal limits for size, shape and organ architecture. Nodular enlargement of the caudal pole of the left adrenal gland is seen, measuring 12 mm in diameter and being post contrast hypoattenuating.



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

Mason Whyte

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

SPECIES

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

Canine

The subchondral bone of the caudal vertebral endplate L7 presents advanced moth eaten osteolysis.

BREED

Labrador-X

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Nodular enlargement caudal pole left adrenal gland
- Advanced chronic degenerative disc disease multifocal along the cervical – and thoracic spine and lumbosacral junction
- Multifocal intervertebral disc protrusions along the thoracic and lumbar spine with possible dynamic myelocompression
- Spondylosis deformans
- Pulmonary osteomas

SEX

Male

AGE

12 Years, 4 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

An underlying cause for the described clinical signs cannot be specified.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The left adrenal nodule is suggestive for (non)functional macronodular hyperplasia or neoplastic transformation (e.g. adenoma, adenocarcinoma, pheochromocytoma). Testing of the pituitary adrenal axis can be performed for further workup.

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The lytic lesions of multiple vertebral endplates are considered as a sequela to chronic discopathy and sterile osseous remodeling of the vertebral endplates; the odds for infectious discospondylitis are low and I would be expect severe spinal pain, given the advanced changes of the vertebral endplates.

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PATIENT

Mason Whyte

SPECIES

Canine

BREED

Labrador-X

SEX

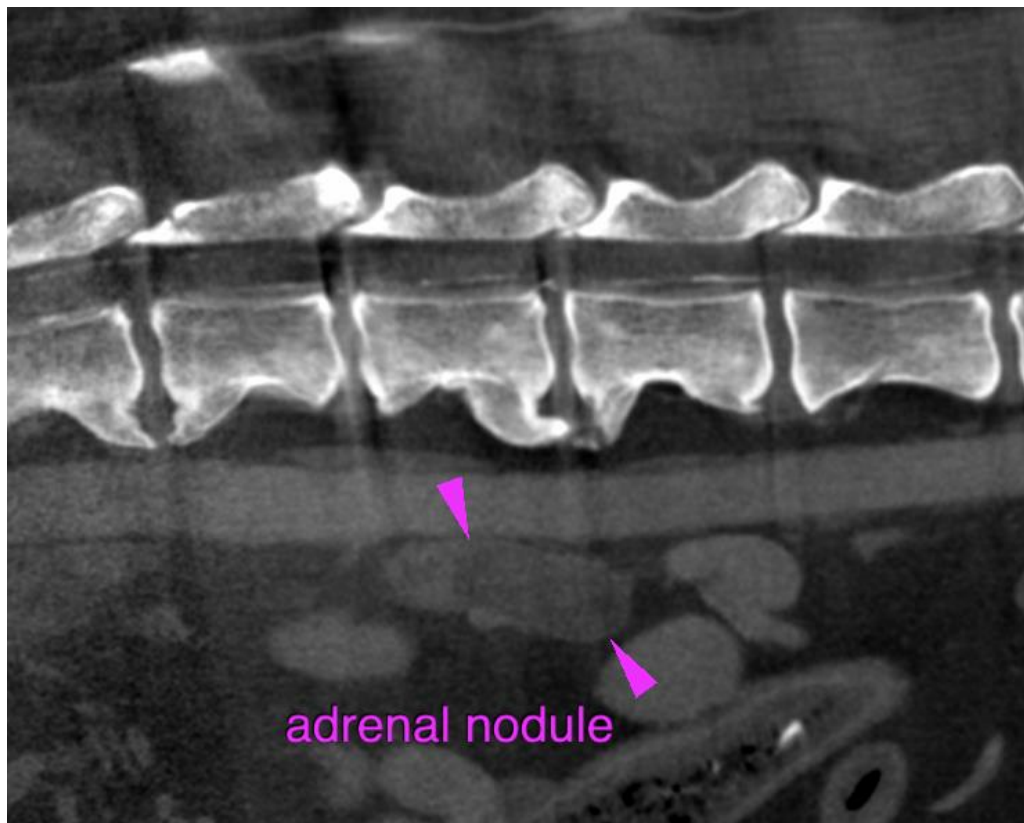
Male

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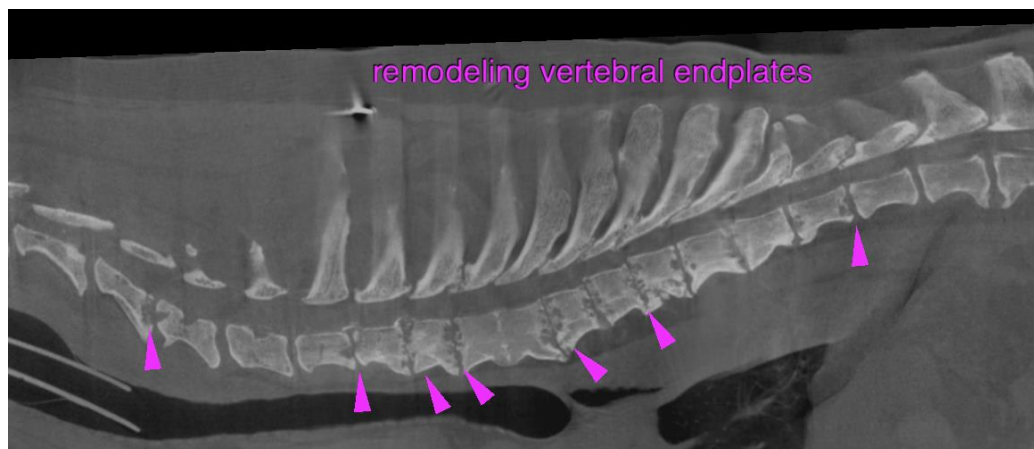


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PATIENT

Mason Whyte

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.

SPECIES

Canine

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
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Labrador-X

SEX

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