



PATIENT PRESENTING CLINICAL SIGNS

Bro McHugh Presented for not eating
Abnormal PE/Chem/CBC/UA Results: Elevated alp/alt/tbili/ggt

SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Corgi Thorax

The bony and surrounding soft tissue structures are within normal limits.

SEX The sternal, cranial mediastinal and tracheobronchial lymph nodes are significantly enlarged and present with a homogeneous attenuation and contrast enhancement pattern.

MN In the cranioventral mediastinum, a roundish, heterogeneous contrast enhancing mass is appreciated, measuring 4.2 x 2.9 x 4.9 cm in size.

AGE Dorsal to the right aspect of the base of the heart, lateral to the azygos vein, a fusiform shaped, contrast enhancing soft tissue structures is appreciated, measuring 1.4 x 2.7 x 7.2 cm in size.

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

INTERPRETED BY 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.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior.

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

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Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

REFERRING VET 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.

Dr. Runde

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

INVOICE The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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The hepatic volume is moderately increased and the caudoventral margins of the liver are protruding caudally beyond the costal arch and are rounded. The gastric axis is deviated caudally. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

DATE

10-5-22

The hepatic, splenic, renal and medial iliac lymph nodes are prominent, rounded, uniform soft tissue attenuating and contrast enhancing.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents



PATIENT uniform contrast enhancement.

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

SPECIES The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 90% of the cross-sectional area of the vertebral canal at the same level.

Canine **COMPUTED TOMOGRAPHIC DIAGNOSIS**

BREED

Corgi

- Lymphadenopathy sternal, cranial mediastinal, tracheobronchial, splenic, hepatic, renal and hypogastric lymph nodes
- Suspect cranioventral mediastinal soft tissue mass
- Hepatomegaly
- Degenerative lumbosacral stenosis
- No evidence of pulmonary metastatic disease

SEX

MN

AGE

4

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The lymphadenopathy of multiple lymph nodes, potential cranioventral mediastinal soft tissue mass and the hepatomegaly are highly concerning for disseminated neoplastic disease with round cell neoplasia (e.g. lymphosarcoma, histiocytic sarcoma) being the top differentials. Theoretically systemic infectious disease, such as Ehrlichiosis, Babesiosis, mycotic infection are considerations as well. If not done so yet, recommend ultrasound guided FNA sampling of the cranioventral mediastinal mass, enlarged lymph nodes and the liver.

INTERPRETED BY

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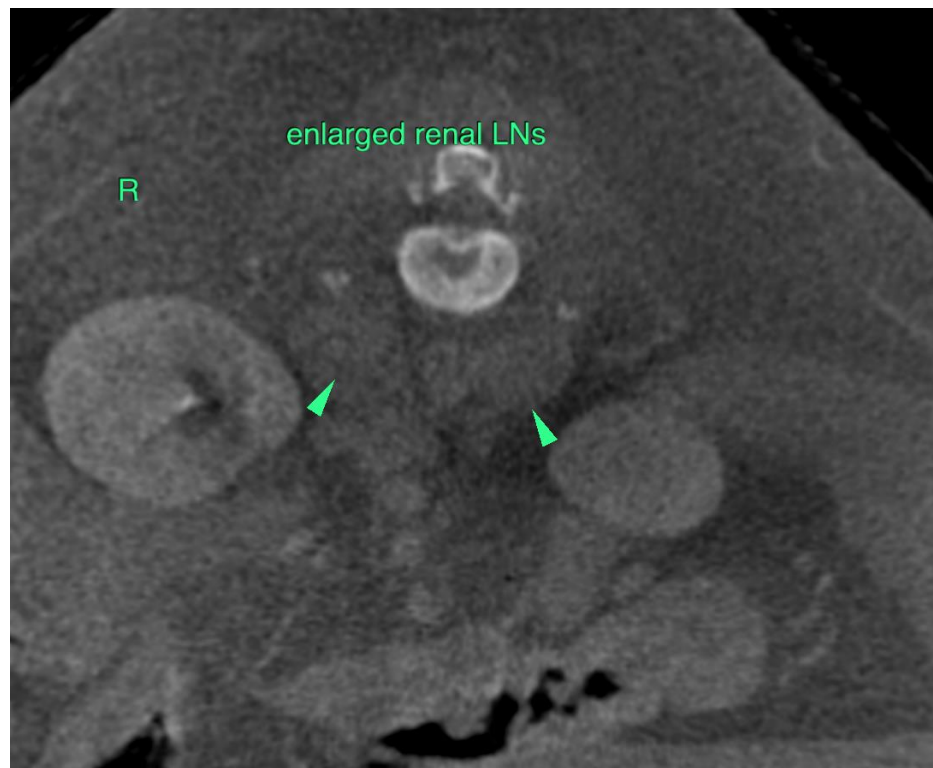
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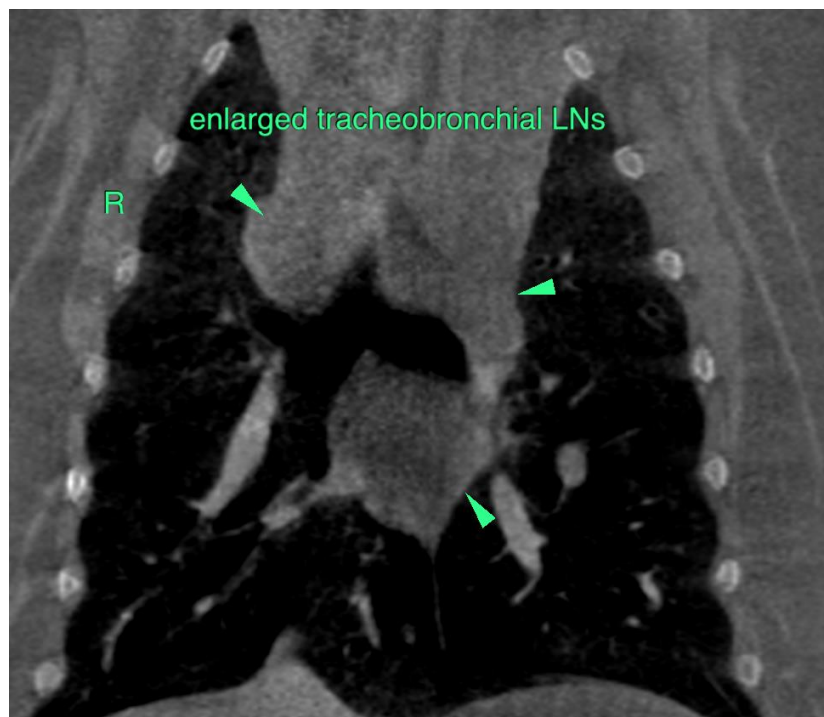
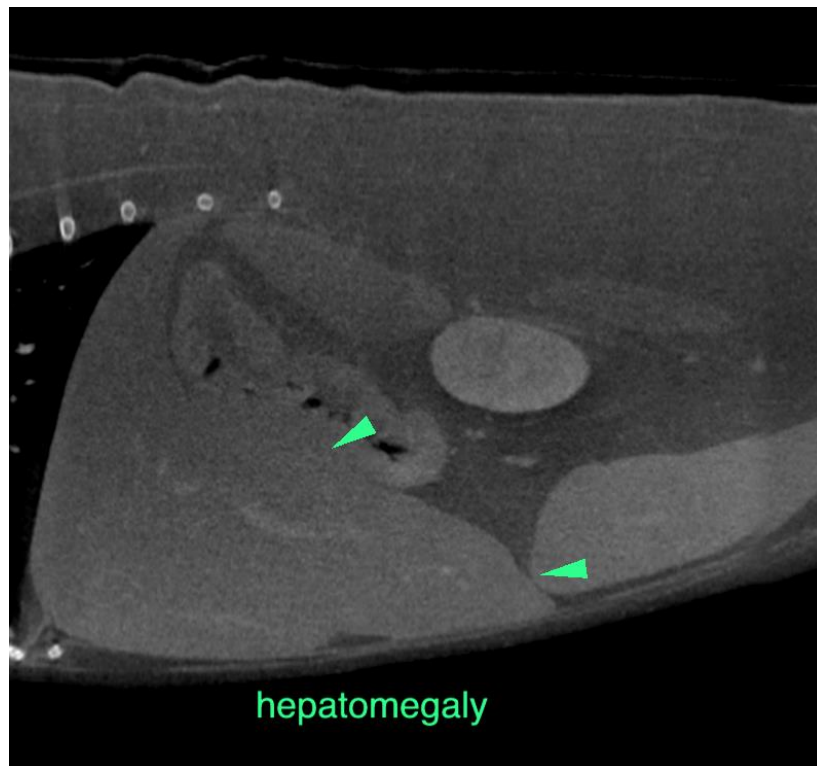
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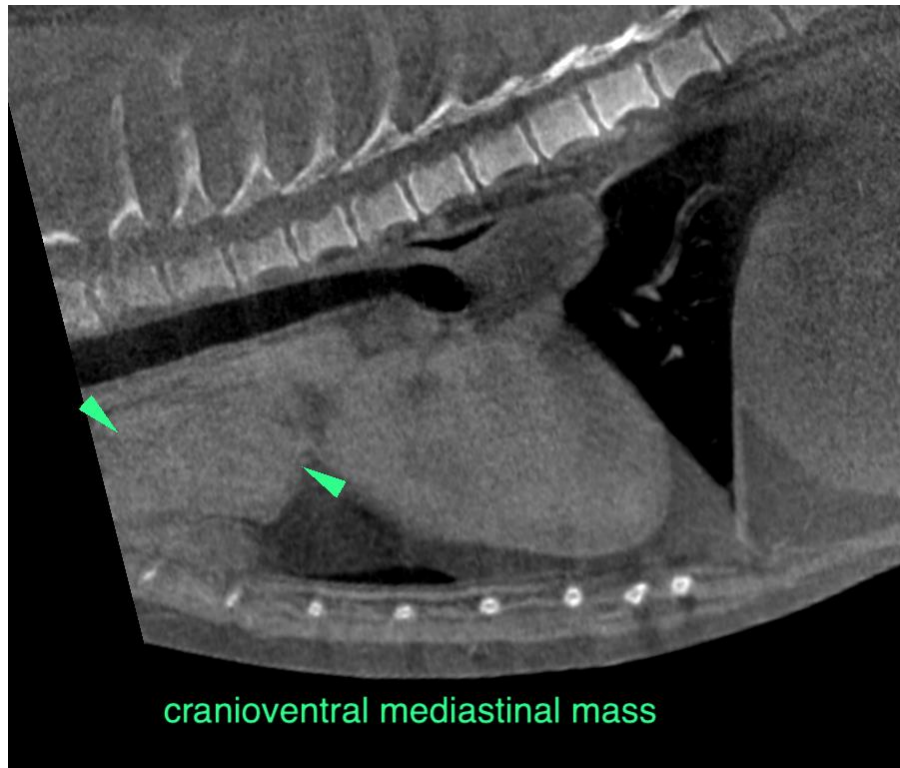
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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