



PATIENT

Butterball Macsavitt

PRESENTING CLINICAL SIGNS

Presented for not eating, melena, vomiting brown bile, and lethargy. US shows suspected mass/focal si dilation wgc is associated with significant discomfort on ultrasound. Abnormal PE/Chem/CBC/UA Results: Right cranial abdominal pain Normal cbc/chem/17/lytes

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

Bichon Frise

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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

SEX

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.

MN

AGE

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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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

HOSPITAL NAME

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Referral Hospital

Abdomen

Motion artefacts are present in the cranial abdomen.

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

REFERRING VET

Dr. Runde

Both kidneys present within normal limits for size, shape and organ architecture. A small amount of mineralized material is associated with the renal pelvis bilaterally. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted. Multiple roundish, mineral attenuating, gravity dependent calculi are seen on the dorsal urinary bladder wall.

INVOICE

51862

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.

DATE

5-3-22

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

The dorsal wall of the pyloric antrum presents with a fusiform, intramural, mild irregular margins, uniform soft tissue attenuating and heterogeneous contrast enhancing mass, measuring 3.8 x 3.3 x 8.0 cm in size. The wall layering level with the mass is lost. The gastric mass is extending up into



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the most oral segment of the duodenum.

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The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Gastric intramural mass – pyloric antrum and pylorus
- Structural normal thorax, no evidence of pulmonary metastatic disease

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

The CT study is consistent with primary gastric intramural neoplasia and potentials include adenocarcinoma, round cell tumor, leiomyosarcoma, sarcoma. Gastroscopy including biopsy can be used as advanced diagnostic test. As the mass is involving the pylorus, complete surgical resection would warrant at least Billroth 1 surgery.

Bichon Frise

SEX

Unfortunately, there is motion artefacts in the cranial artefact, limiting assessment of the regional lymph nodes – no overt abnormalities of the regional lymph nodes are appreciated.

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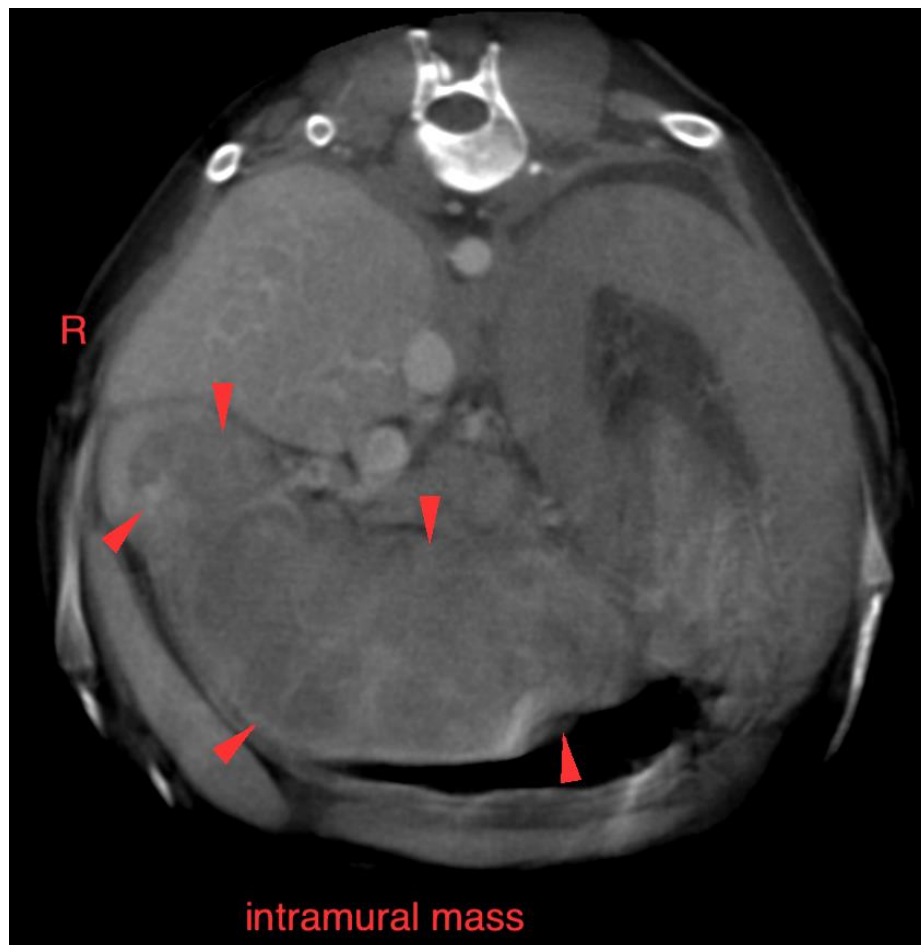
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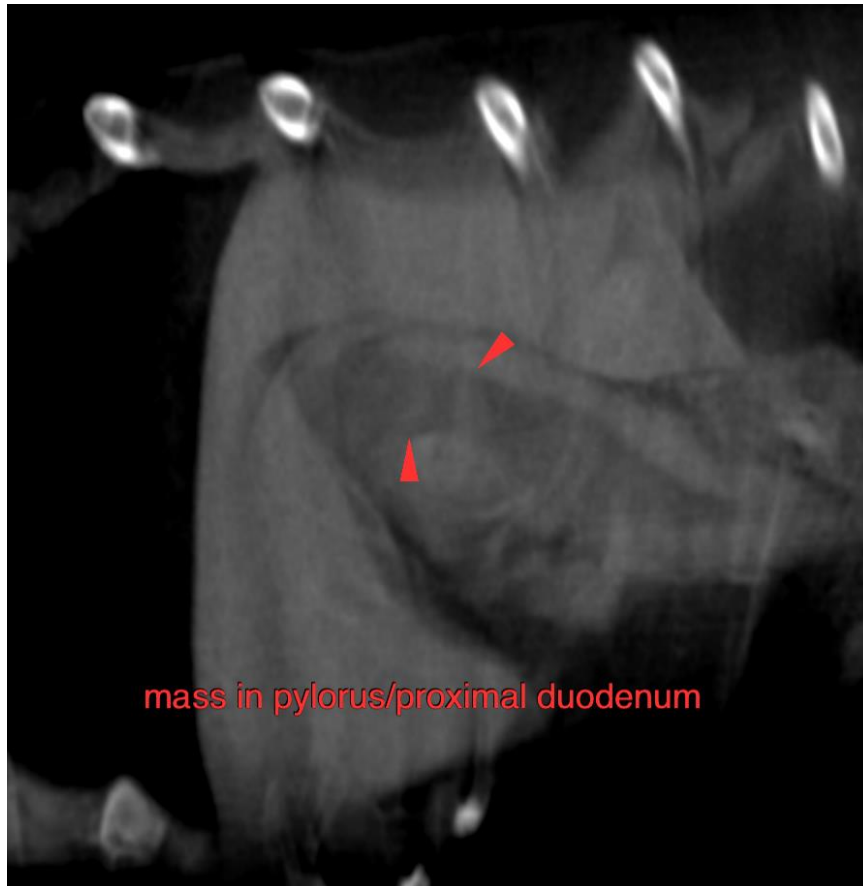
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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