



PATIENT

Leviathan Lord

PRESENTING CLINICAL SIGNS

Leviathan presents with a history of vomiting bile and blood on an empty stomach. He often does not want to eat in the morning. He eats better in the afternoon and does not vomit. He does have diarrhea with blood. Previous workup was performed to screen for intestinal parasites and giardia - none detected. Leviathan more recently has lost 5 lbs.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN & THORAX

Plain and post contrast studies available for review.

BREED

Mixed Breed

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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

SEX

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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 are uniform and considered within normal limits.

AGE

20 Months

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

Nele Eley, 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

Critical Vet
Care/Suncoast
Veterinary

Abdomen

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

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.

REFERRING VET

Dr. Young

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

INVOICE

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

The gallbladder is only mildly distended with uniformly fluid attenuating content and the gallbladder wall is even and thin. No evidence of common bile duct obstruction is seen.

DATE

12-26-22

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



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Generalized circumferential thickening of the wall of the gastric pylorus is seen tapering towards the pyloric antrum as well as towards the descending duodenum. The maximum thickness of the pyloric wall is 8.5mm and there appears to be a soft tissue attenuating fold narrowing down the lumen of the pyloric canal. No evidence of gastric dilation and/or accumulation of ingesta is seen.

SPECIES

Canine

Mild enlargement of the gastroduodenal lymph node is seen.

The bony and surrounding soft tissue structures reveal no abnormalities.

BREED

Mixed Breed

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Gastroenteropathy accentuating the gastric outlet with suspect pyloric hypertrophy.
- Mild gastroduodenal lymphadenomegaly.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

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The CT findings suggest potential for pyloric hypertrophy which may be congenital or acquired. Acquired hypertrophy appears more likely based on the rather diffuse and extensive thickening of the pyloric and duodenal wall and based on the lack of gastric dilation. Emerging partial obstructive pathology level with the pyloric canal however cannot be ruled out. Underlying chronic inflammation appears likely.

AGE

20 Months

The lymph node enlargement is likely due to reactive lymphadenitis.

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Further definition by means of endoscopy with tissue sampling could be considered if not performed already.

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Veterinary

REFERRING VET

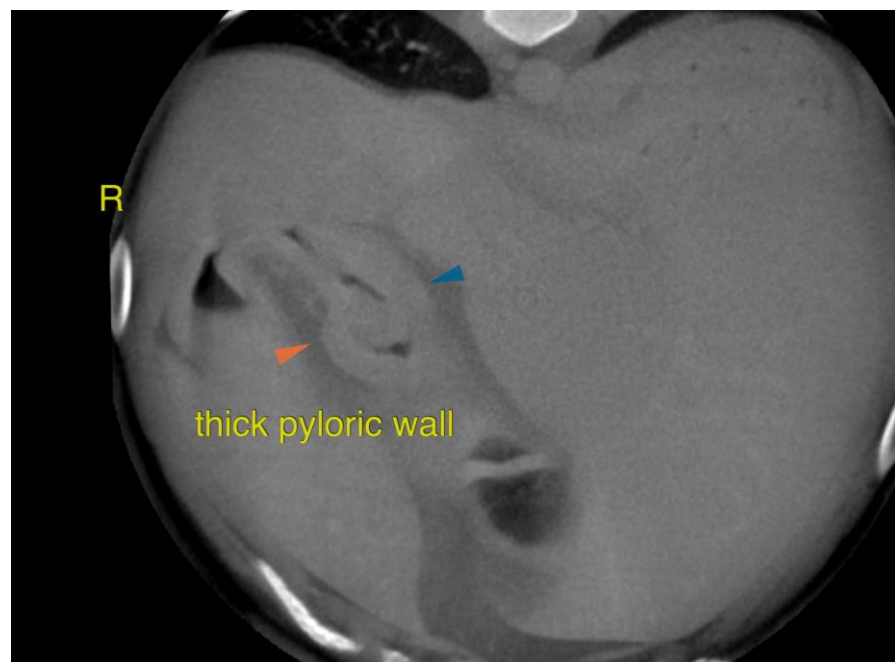
Dr. Young

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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.

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.

BREED

Mixed Breed

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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