



PATIENT

Blue Eyes Gemrich

PRESENTING CLINICAL SIGNS

Blue Eyes presents for a thoracic and abdominal CT. On 5/22/2022, rDVM incidentally found a mass when obtaining a guided urinary cystocentesis. Full abdominal ultrasound revealed cystic appearing masses from liver and extending down to bladder. A cyst was aspirated, clear fluid with no cells seen. Blue Eyes is clinically asymptomatic. CT to determine if operable.

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies in soft tissue and bone windows available for review.

BREED

Siamese Mix

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

The central division of the liver is expanded by a large multicystic mass with fluid attenuating content which is compartmentalized in multiple large and small cystic components. The overall size of the mass is 10 x 9 x 7mm approximately. The mass extends up to the level of the mid abdomen. Caudal and dorsal deviation of the gastric outlet is seen. The gallbladder is pushed to the left of the midline. The mass interferes with both the cystic and common bile ducts level with the duodenal papilla. However, the cystic and common bile ducts are not dilated at this point. Multiple large and small cystic masses are seen within the remainder of the liver.

SEX

MN

AGE

9

There is mild portal lymphadenomegaly.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The pancreas presents within normal limits.

Mild diffuse enlargement of the spleen with heterogeneous contrast enhancement is noted.

One mesenteric lymph node in the caudal abdomen is moderately enlarged measuring 7mm in diameter.

HOSPITAL NAME

Mobile Veterinary CT

Thorax

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

REFERRING VET

Cherie Anderson,
DVM

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.

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

INVOICE

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A mild generalized bronchial lung pattern is noted.

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.

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4-28-23

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REFERRING VETCherie Anderson,
DVM**INVOICE**

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large multicystic expansile mass in the central division of the liver with mass effect onto the gallbladder, cystic duct, and common bile duct.
- Multiple cystic masses within the remainder of the liver.
- Mild portal lymphadenomegaly.
- Mild to moderate single mesenteric lymphadenomegaly.
- Splenopathy with diffuse heterogeneous enhancement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Primary differential diagnosis is multiple biliary cyst adenoma. Cyst adenocarcinoma and other cystic neoplasia cannot be ruled out entirely but is by far less likely. The resectability of the mass is limited by its position within the central division and its direct interference with the gallbladder, cystic duct, and common bile duct. Lobar origin from the right medial or quadrate liver lobe is considered most likely. The multiple cystic masses within the remainder of the liver, however, should be noted.

The splenic changes are likely secondary to differential perfusion of the red and white pulp under general anesthesia. However, congestion, splenitis, reactive hyperplasia, and infiltrative disease cannot be ruled out entirely and fine needle aspiration could be considered for further definition.

The portal and mesenteric lymphadenomegaly is likely to represent reactive hyperplasia. Metastatic disease or lymphomatous infiltrate cannot be ruled out entirely but are by far less likely. Ultrasound guided fine needle aspiration could be considered for further definition.



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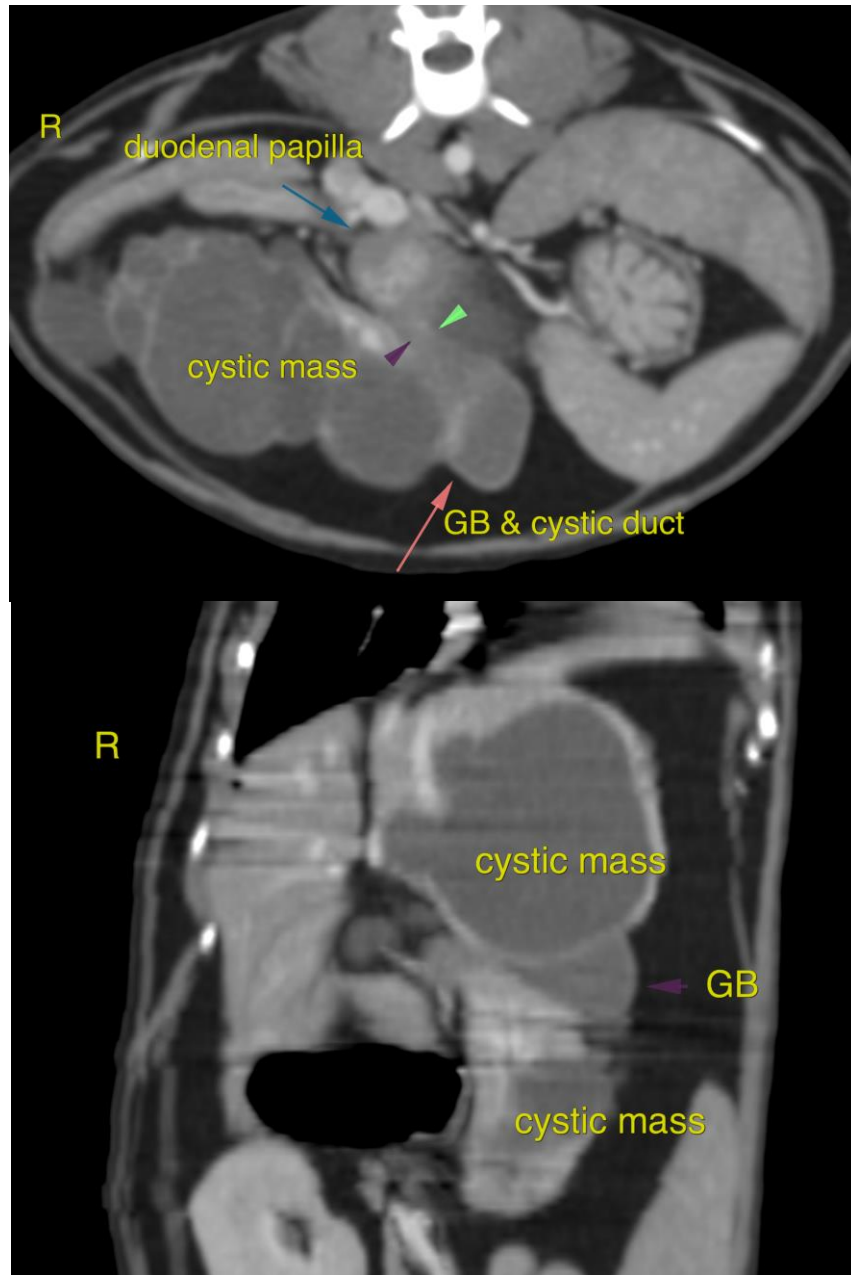
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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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

Siamese Mix

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