



PATIENT PRESENTING CLINICAL SIGNS

Clemenza Grillo History: 2 littermates had splenic tumors

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine *Urinary System*

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. A small amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone is normal.

BREED

Black Mouth Cur

The region of the prostate is not visualized due to its pelvic location.

SEX

Neutered Male

The left kidney is normal in size (7.60 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

AGE

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The right kidney is normal in size (7.08 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

83.3

Adrenal Glands

The left adrenal gland is normal in size (0.61 cm at cranial pole) (0.61 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DVM,
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The region of the right adrenal gland is evaluated. No obvious pathology is observed in this region.

IMAGING PERFORMED BY

Chelsea Pastor

Spleen

The spleen is normal in size (1.81 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

Fredon AH

Liver

The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion.

REFERRING VET

Linda Grau

The gallbladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

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The lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

DATE

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Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.



PATIENT

Clemenza Grillo

Lymph Nodes

The abdominal lymph nodes are normal/not visible.

SPECIES

Canine

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

BREED

Black Mouth Cur

ULTRASONOGRAPHIC FINDINGS

- The diffuse hepatic changes are most consistent with vacuolar hepatopathy (i.e., endocrine, idiopathic) with a lower possibility of inflammatory disease, infiltrative neoplasia, or other hepatopathy. Correlation with the patient's liver values is recommended.

SEX

Neutered Male

- Minor bilateral age-related renal changes

*There is no obvious evidence of a splenic tumor in the available images.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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- Consider periodic sonograph monitoring (i.e., every 6 months) of the patient's abdomen to assess for the development of splenic neoplasia.
- Given the patient's age, baseline lab work (i.e., CBC, chemistry panel, urinalysis, and T4), along with three-view thoracic radiographs are recommended to assess overall metabolic function and cardiopulmonary status, respectively.

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REFERRING VET

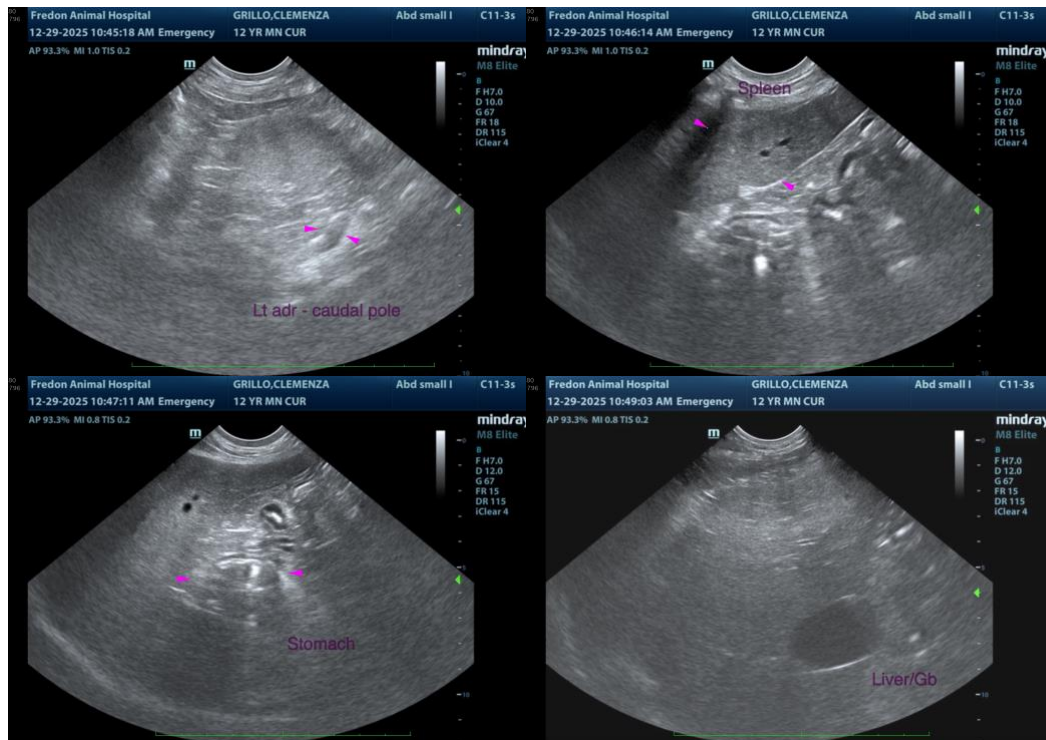
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SPECIES

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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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