



PATIENT PRESENTING CLINICAL SIGNS

Echo Dinofrio Occasional vomiting.
Medication: Pred, Pepcid

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Lab Mix

Urinary System

The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

SEX

MN

The area of the aortic trifurcation was free of pathology.

AGE

2011

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.7 cm in length. The right kidney measured 6.7 cm in length.

WEIGHT

76.7

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.3 cm length x 0.83 cm width at the caudal pole. The right adrenal gland was enlarged with asymmetrical contour and nonhomogeneous nodular parenchyma without overt evidence of parenchymal mineralization. The right adrenal gland measured 3.6 cm length x 2.3 cm width at the caudal pole.

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

Spleen

The spleen exhibited generalized enlargement with areas of capsule asymmetry. A moderately expansive, nonhomogeneous, hypoechoic, nodular mass was noted in the subjective mid-spleen with concurrent, separate, nondisruptive hypoechoic splenic nodules. An example of a splenic nodular mass lesion measured 4.0-5.0 cm in diameter. An example of a nondisruptive splenic nodule measured 1.3 cm in diameter.

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

White Haven VH

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. Normal hepatic vascular volume was noted. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Gallagher

INVOICE

17111

DATE

6/20/23



PATIENT *Gastrointestinal*

Echo Dinofrio The stomach presented sonographically unremarkable visualized gastric wall. The lumen of the stomach contained mild, variably echogenic, nonshadowing ingesta without signs of obstruction or foreign material.

SPECIES

Canine The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

BREED

Normal visible colon wall layers were present with apparent formed feces in lumen.

Lab Mix

Pancreas

SEX

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

MN

Free Abdomen

AGE

No omental masses, overt lymphadenopathy, or evidence of peritoneal effusion were noted.

2011

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

WEIGHT

76.7

ULTRASONOGRAPHIC FINDINGS

- Generalized splenomegaly, mildly expansive hypoechoic nodular mass lesion with concurrent nondisruptive hypoechoic splenic nodules
- Mild hepatic parenchymal remodeling - subjective benign
- Enlarged nodular right adrenal gland - adenoma, being hyperplasia, neoplasia i.e., pheochromocytoma, carcinoma, metastasis, all potentials
- Sonographically unremarkable gastrointestinal tract with nonshadowing gastric ingesta - ingesta sonographically suggestive of food
- Mild age-related kidneys

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

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The splenic nodular mass and concurrent splenic nodules are nonspecific with considerations including hyperplasia and hematopoiesis, with neoplastic criteria favored. Assuming normal clotting status, splenic nodular mass FNA cytology using a 25-gauge needle could be considered for initial clarification.

HOSPITAL NAME

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Screening blood pressure is recommended to assess for evidence of hypertension which may allude to a right pheochromocytoma.

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If no evidence of thoracic pathology on three-view chest radiographs, abdominal CT to ensure no evidence of vascular invasion associated with the right adrenal gland with potential for splenectomy and right adrenalectomy may be considered.

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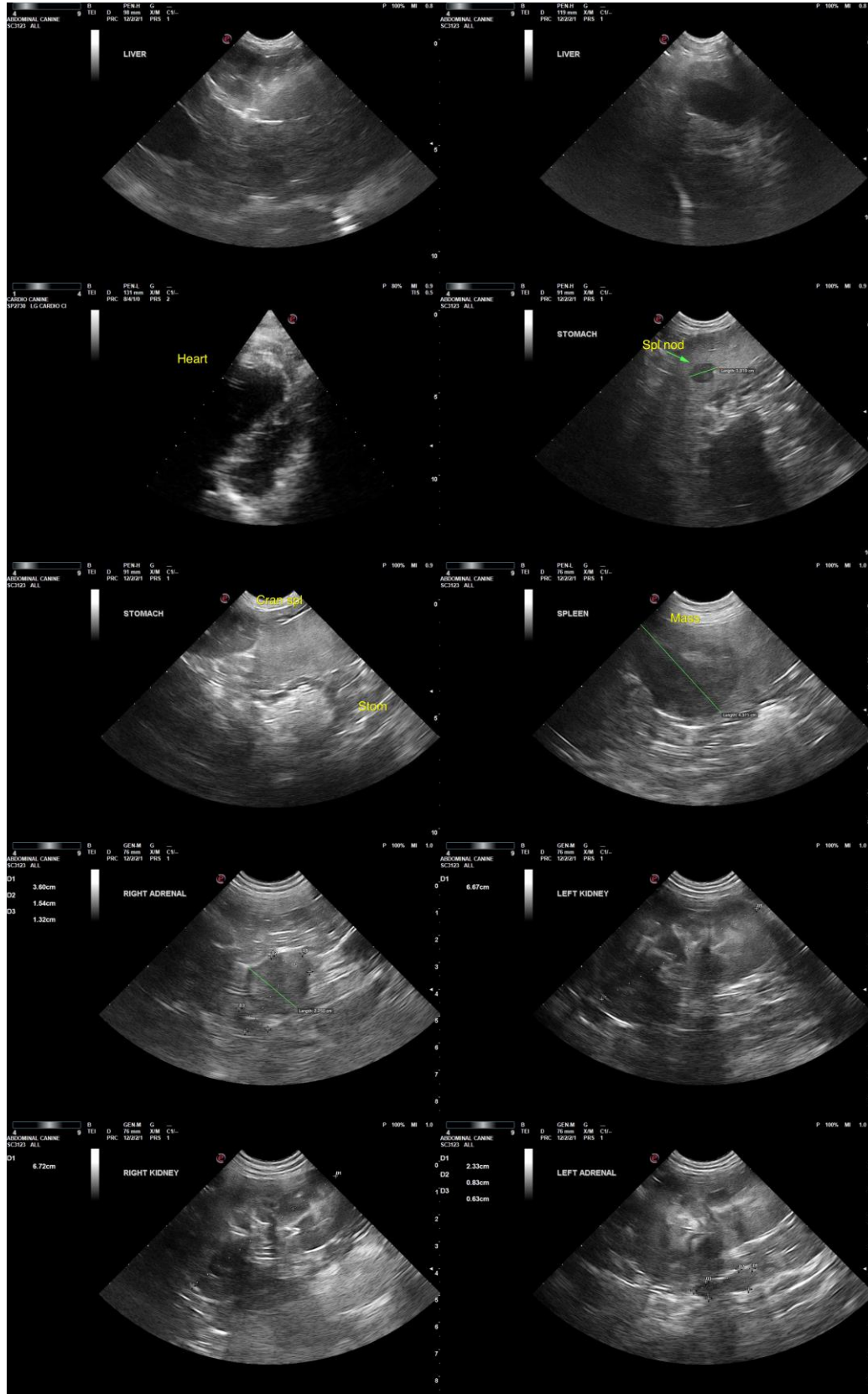
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SPECIES

Canine

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.

BREED

Lab Mix

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.

SEX

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MN

AGE

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