



PATIENT PRESENTING CLINICAL SIGNS

Maggie Franc History: Owner's first and last name: Mary Franc Species: Canine Gender(altered?) SF Age: 11 years Weight in #: 77.8 Breed: Labrador mix History: Pt was diagnosed with cutaneous lymphoma in 3/2019. Pt was treated with Lomustine and has been on prednisone 15mg PO q 48hours since that time. Pt was previously diagnosed with hyperadrenocorticism. TP 7.5, globulin 3.8, AST 133, ALT 957, ALP 5310, GGT 46, PSL 578, CBC NSF, T4 < 0.5, UA USG 1.007

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Lab Mix

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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 were noted. Aortic trifurcation was normal.

SEX

Spayed Female

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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.9 cm in length. The right kidney measured 6.8 cm in length.

AGE

11 Years

WEIGHT

77.8 Pounds

Adrenal Glands

The left adrenal gland exhibited mild symmetrical caudal pole enlargement with maintained symmetrical capsule contour and capsule integrity. No evidence of mineralization. The left adrenal gland measured 3.5 cm in length x 1.2 cm width at the caudal pole. The mild caudal left adrenomegaly may coincide with previous diagnosis of hyperadrenocorticism with potential for indistinct adenomatous change and without overt evidence of neoplastic criteria.

INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and
Feline)

The right adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The right adrenal gland measured 2.7 cm in length x 0.58 cm. No overt evidence of hyperplasia or neoplastic criteria.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT
LVT

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

HOSPITAL NAME

Brighton Greens VH

Liver

REFERRING VET

Dr. Robin Janeway

The liver exhibited moderate to marked generalized enlargement with the ventral liver extending caudally past the level of the gastric axis. Primarily symmetrical yet swollen hepatic contour was present. Moderately sized, lobulated to nodular, mixed echogenic mass was present, occupying the majority of the left to mid liver. The mass measured approximately 13 cm in diameter. The mass potentially extended into the right medial liver as a portion of the mass was visualized in right liver views.

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PATIENT Maggie Franc
The gallbladder was non-distended in size yet potentially displaced ventrally and possibly caudally, containing primarily anechoic content with multifocal pinpoint areas of luminal. The cystic and common bile ducts were normal.

SPECIES *Gastrointestinal*

Canine
The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

BREED Lab Mix
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.

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

SEX Spayed Female
Pancreas
The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

AGE *Free Abdomen*

11 Years
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- WEIGHT** 77.8 Pounds
- Moderate to marked generalized hepatomegaly with nodular lobulated to potential coalescing left to mid liver mass/masses.
 - Nondistended yet potentially displaced gallbladder, containing pinpoint mineral.
 - Moderate chronic renal changes
 - Mild caudal left adrenomegaly

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Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although sampling is required for further clarification, the hepatic mass is suggestive of neoplastic criteria and may potentially indicate primary hepatic neoplasia, such as adenocarcinoma or other with potential for metastatic neoplasia given the history of cutaneous lymphoma.

IMAGING PERFORMED BY

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LVT

Assuming normal clotting status, ultrasound guided FNA of the hepatic parenchyma as well as the mass (if accessible) would be warranted for screening cytology and potential for oncology consult.

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Empirically, Hepatosupportive medications, including Denamarin and Ursodiol may prove beneficial.

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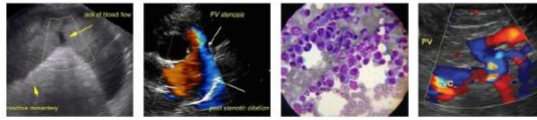
Dr. Robin Janeway

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PATIENT

Maggie Franc

SPECIES

Canine

BREED

Lab Mix

SEX

Spayed Female

AGE

11 Years

WEIGHT

77.8 Pounds

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HOSPITAL NAME

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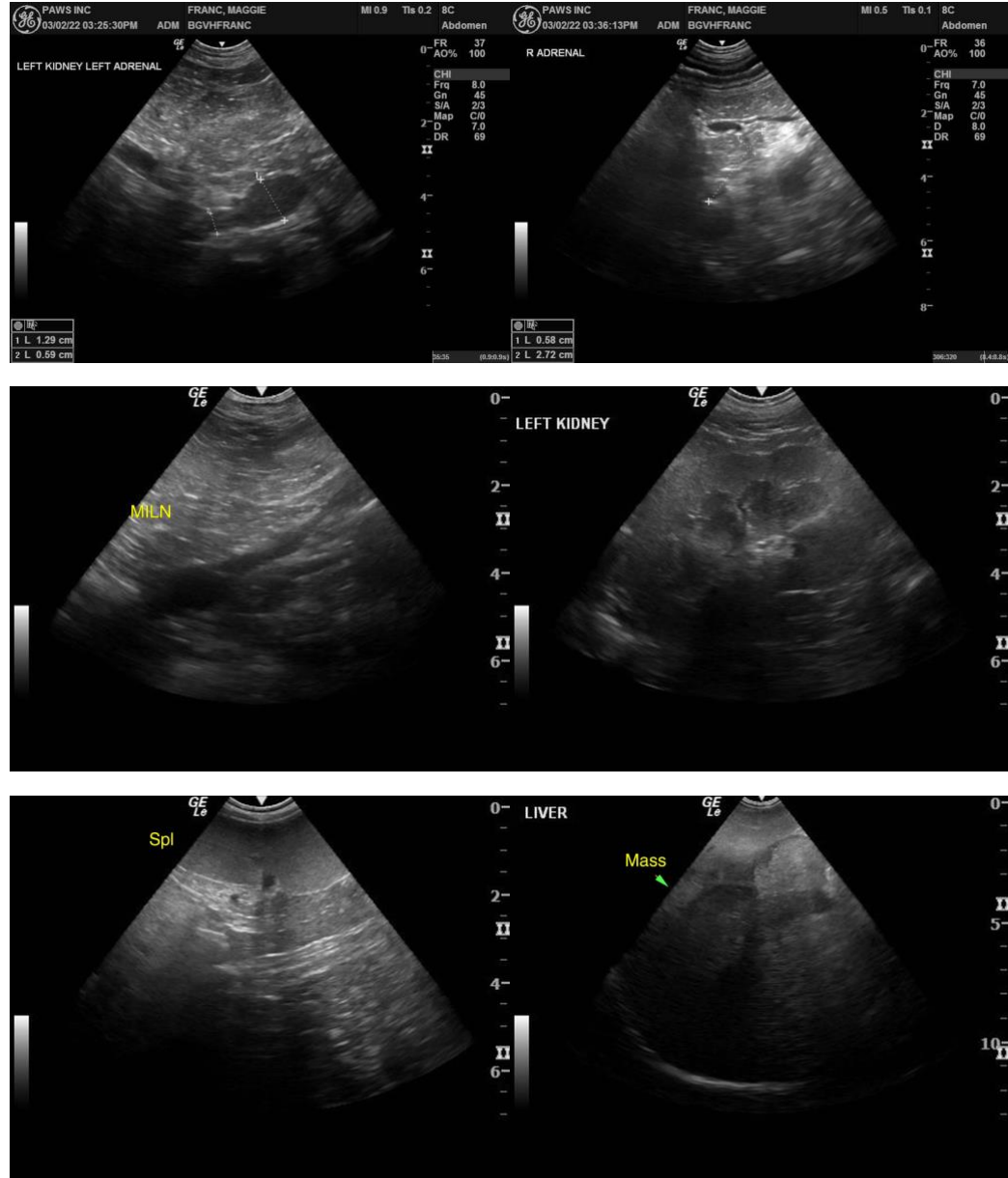
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PATIENT

Maggie Franc

SPECIES

Canine

BREED

Lab Mix

SEX

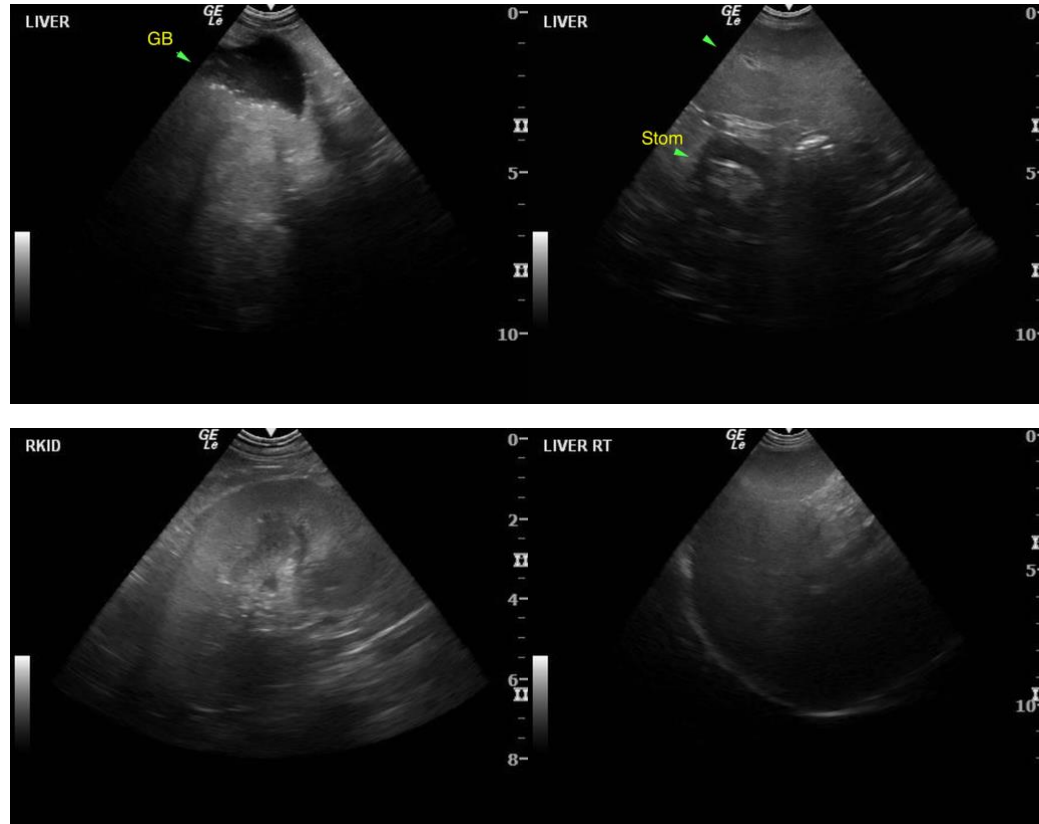
Spayed Female

AGE

11 Years

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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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