

PATIENT PRESENTING CLINICAL SIGNS

Lola Davis
Chronic significant elevations in ALP, and mild elevations in ALT. Also history of cutaneous mast cell tumors, several currently that are stable in size but client has elected not to remove. No clinical signs of illness. Hx of labwork: 9/20 - ALT 240, ALP 1560 - client stopped carprofen 10/20 - ALT 202, ALP 1858 - client resumed carprofen since no improvement in values and dog struggling without it 4/21 - ALT 123, ALP666 11/21 - ALT 156, ALP 1524 Liver values normal 9/19 and prior

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Terrier X

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.

SEX

Spayed Female

The area of the aortic trifurcation was free of pathology.

AGE

12.5 Years

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.8 cm. The right kidney measured 7.1 cm.

WEIGHT

90 Pounds

Adrenal Glands

The left adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.75 cm at the caudal pole. The right adrenal gland was indistinctly visualized, subjectively measuring 1.0 cm at the caudal pole.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Dr. Tam Mengine

Liver

The left, mid and right medial liver exhibited normal size and contour with uniform parenchyma, exhibiting mild coarse echotexture. A large, lobulated, mixed echogenic mass was present, exhibiting intramass nodules to potential areas of cavitation, potentially indicative of intramass areas of necrosis or possible hemorrhage. The mass was located in the area of the right lateral and caudate liver lobes. The mass measured approximately 16 cm in diameter. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. A mild amount of non-organized, subjectively mobile particulate to hyperechoic luminal debris was present. The common bile duct was normal.

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

Dr. Tam Mengine

Gastrointestinal

INVOICE

35181

The stomach presented intact wall layering with a normal wall layer ratio. A minor amount of retained ingesta and chyme was present in the stomach. Gastric body wall measured 0.50 cm.

DATE

1/28/22

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.



PATIENT

Pancreas

Lola Davis

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 was evident.

SPECIES

Canine

Free Abdomen

No overt lymphadenopathy. Small pocket of scant free fluid noted adjacent to the lateral spleen.

BREED

Terrier X

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

- Large, non-homogeneous, nodular, potentially cavitated to cystic mass in the area of the right lateral and caudate liver
- Mild gallbladder debris - incidental.
- Mild chronic renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12.5 Years

The mass is consistent with hepatic origin based on location and similar echogenicity compared to adjacent normal hepatic parenchyma. The mass appeared to be cranial to the area of the right kidney, indicating non-hepatic origin such as adrenal origin or other may be less likely, although sampling is required for definitive diagnosis. The mass is most consistent with neoplastic criteria, such as hepatocellular, adenocarcinoma, or other.

WEIGHT

90 Pounds

Benign etiology such as significant hyperplasia, granuloma, or similar possible, yet thought less likely. Ultrasound guided FNA of the mass could be considered for cytology and further clarification. Given its location likely adjacent to the portal vasculature and porta hepatis, surgical resectability of the mass is considered unlikely. Sonographic monitoring as well as monitoring for evidence of increasing hepatic enzymes or cholestasis is recommended.

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DATE

1/28/22





PATIENT

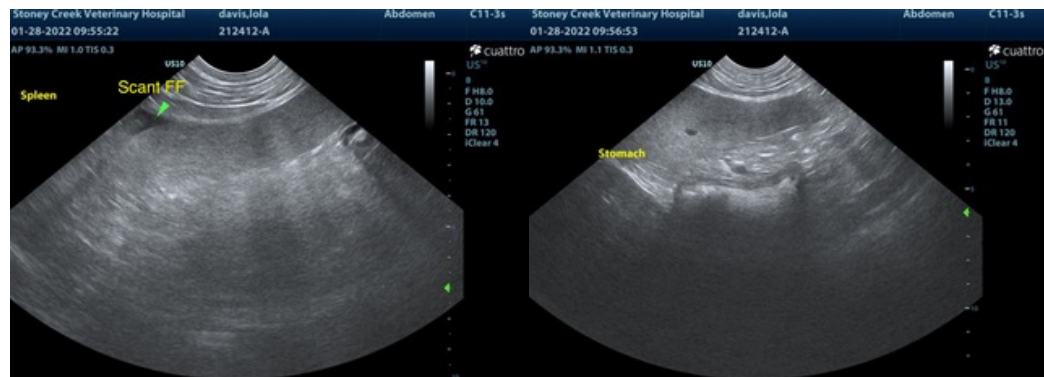
Lola Davis

SPECIES

Canine

BREED

Terrier X



SEX

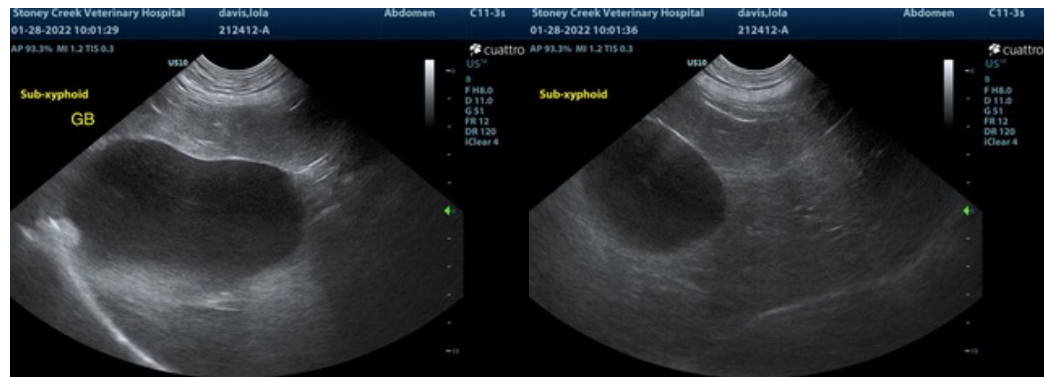
Spayed Female

AGE

12.5 Years

WEIGHT

90 Pounds

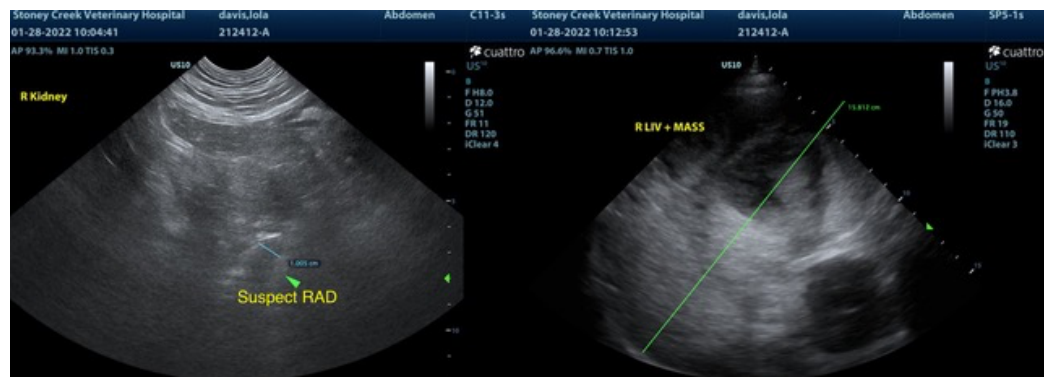


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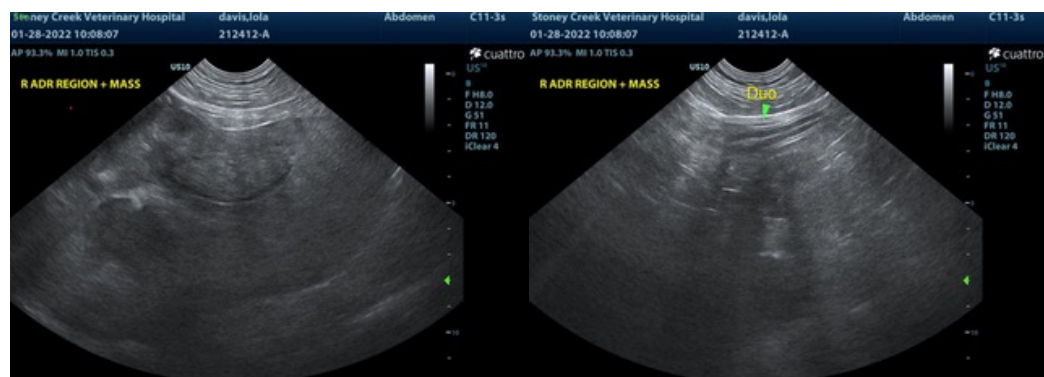
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DATE

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PATIENT

Lola Davis

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

Terrier X

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SEX

Spayed Female

info@SonoPath.com

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12.5 Years

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