



PATIENT	PRESENTING CLINICAL SIGNS
Daisy Spencer	review of abdomen, had US last year(report attached), has been screened for cushings a few time, LDDS done twice and is negative. U Cort/creat-grey zone, would like to revisit diagnosis by comparing today's scan to previous scan.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Please see attached BW
Canine	ALP 2905, ALT 171, AST 32, LDDST baseline 97, 4hr less than 28, 8hr less than 28
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Coon Hound	<i>Urinary System</i>
SEX	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.
FS	No evidence of pathology in the area of the aortic trifurcation.
AGE	Normal size and margination was 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 pyelectasia in either kidney was present. The left kidney measured 8.0 cm in length. The right kidney measured 8.5 cm in length.
7 Years	
WEIGHT	<i>Adrenal Glands</i>
36kg	The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 3.0 cm length x 1.0 cm width in the caudal pole. The right adrenal gland measured 3.0 cm length x 0.68 cm width in the caudal pole.
INTERPRETED BY	<i>Spleen</i>
R. McKenzie Daniel, DVM, DABVP	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	<i>Liver</i>
Kelly Reshny, RVT	The liver exhibited subjective mild generalized enlargement, maintained symmetrical contour, and subtle generalized increased hepatic parenchyma echogenicity with mild to moderate coarse echotexture and evidence of minor parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.
HOSPITAL NAME	The gallbladder was non distended in size with hyperechoic primarily dependent and nonorganized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.
Hawkins AH	<i>Gastrointestinal</i>
REFERRING VET	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained ingesta without signs of obstruction or foreign material. The gastric body wall measured 0.45 cm width. The gastric ingesta was likely consistent with recent meal ingestion or post-prandial presentation.
Hawkins	
INVOICE	
48352	
DATE	
11-15-21	



PATIENT

Daisy Spencer

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. The duodenum wall measured 0.40 cm width.

SPECIES

Canine

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

Pancreas

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.

BREED

Coon Hound

Free Abdomen

Possible 1-2 intraabdominal lipomas were noted. An example measured approximately 6.0 cm in diameter.

SEX

FS

No overt lymphadenopathy or peritoneal effusion was present.

AGE

7 Years

ULTRASONOGRAPHIC FINDINGS

- Mild chronic renal changes.
- Static hepatopathy - subjectively benign.
- Static mild gallbladder debris (nonmucocele).

WEIGHT

36kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The overall presentation of the abdomen appeared to be essentially similar to previous ultrasound without evidence of progressive hepatic changes. No overt evidence of hepatoadrenal neoplasia. Although not definitive, the overall appearance of the liver was suggestive of vacuolar or idiopathic vacuolar hepatopathy and/or nonclinical cholestasis given the ALP elevation without concurrent ALT or AST elevation. Hepatosupportive medications including denamarin and ursodiol if not currently instituted may prove beneficial. Hepatic sampling, ideally biopsy, may be required for a definitive diagnosis.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

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SPECIES

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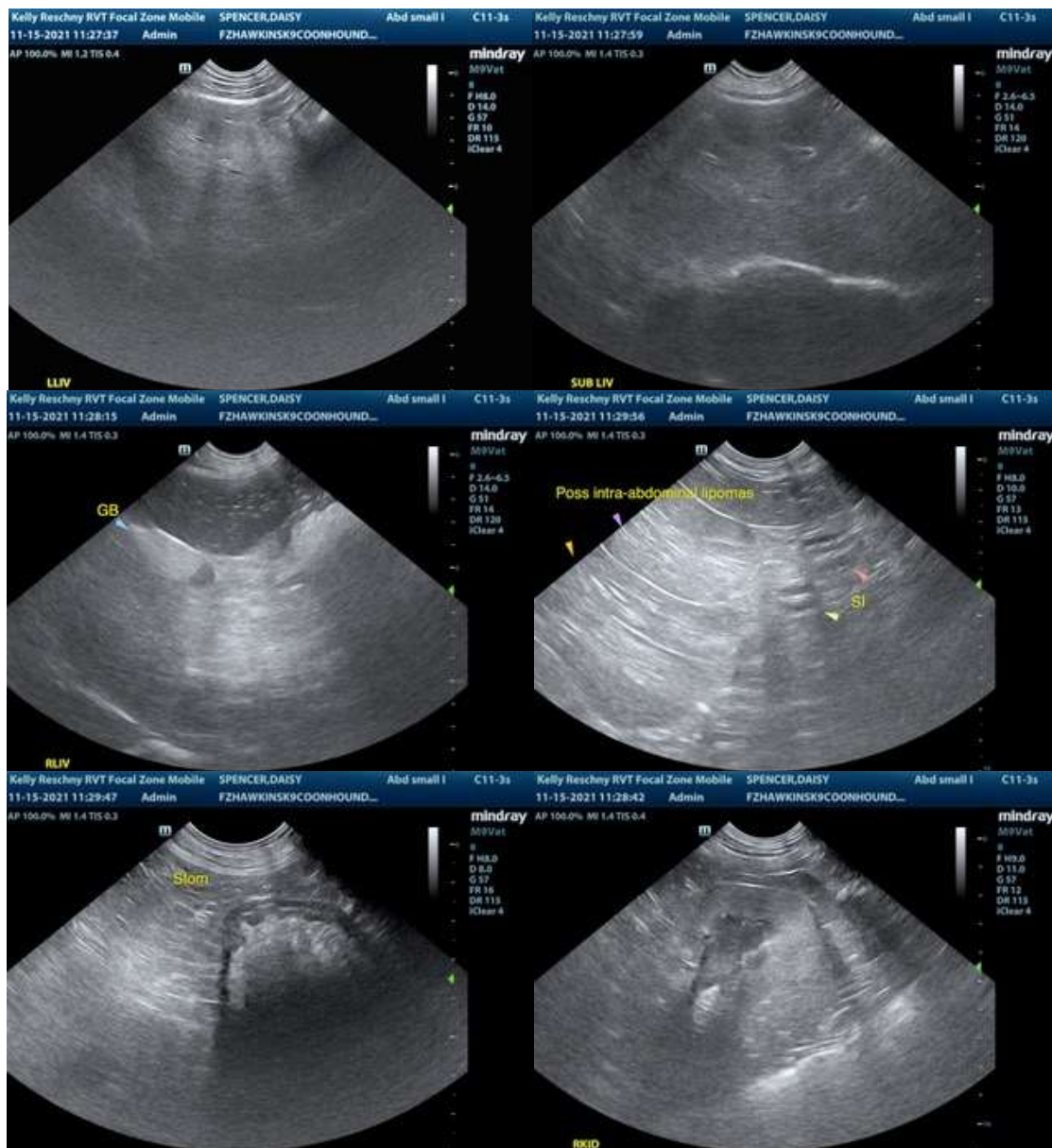
Hawkins

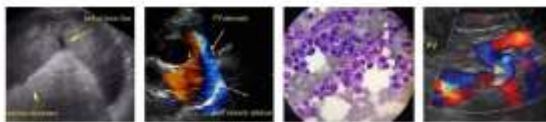
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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