



PATIENT	PRESENTING CLINICAL SIGNS
Crouton Fearing	icteric serum noted on routine BW; hyperechoic lesions seen in liver; patient clinically doing well hx of other chronic issues (CKD, hypernatremia, steroid-responsive oral pain) currently well-managed no medications
SPECIES	Abnormal PE/Chem/CBC/UA Results: 10/25/22: azotemia slightly worse than previous, hypernatremia and hypercalcemia similar to previous, hypercholesterolemia slightly worse than previous SDMA = 24 BUN = 2.6 Creat = 40 Ca = 11.6 Na = 160 Cholesterol = 412 USG = 1.013
Feline	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
DSH	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild non-dependent particulate sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
FS	
AGE	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. Mild indistinct corticomedullary border demarcation was present. No evidence of pyelectasia. The left kidney measured 3.4 cm in length. The right kidney measured 3.3 cm in length.
2yr	
WEIGHT	The area of the aortic trifurcation was free of pathology.
6.6lb	Adrenal Glands
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.35 cm width. The right adrenal gland was not definitively visualized.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	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. The spleen measured 0.5 cm in width at the level of the hilus.
Dr. Fearing	
HOSPITAL NAME	Liver
Lanier Animal Hospital	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a moderate coarse echotexture. Intermittent small non-disruptive hyperechoic intraparenchymal nodules were present an example measuring 0.3 cm in diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal. No evidence of post hepatic obstructive criteria was present.
REFERRING VET	Gastrointestinal
Dr. Fearing	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.
INVOICE	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.
12030ag	
DATE	
10/28/2022	



PATIENT

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

Crouton Fearing

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.

SPECIES

Feline

Free Abdomen

BREED

DSH

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

- Intermittent hyperechoic hepatic intraparenchymal nodules-benign, areas of nodular hyperplasia or lipogranuloma likely
- Chronic nephropathy-subjectively mild
- Possible mild urinary bladder sediment
- Sonographically unremarkable gallbladder/common bile duct

AGE

2yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, a static hepatic presentation compared to the previous ultrasound. Sonographically the kidneys do not appear to be end stage. Further renal staging to include urine C/S and protein:creatinine ratio on sterile urine sample may be considered.

WEIGHT

6.6lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Fearing

HOSPITAL NAME

Lanier Animal
Hospital

REFERRING VET

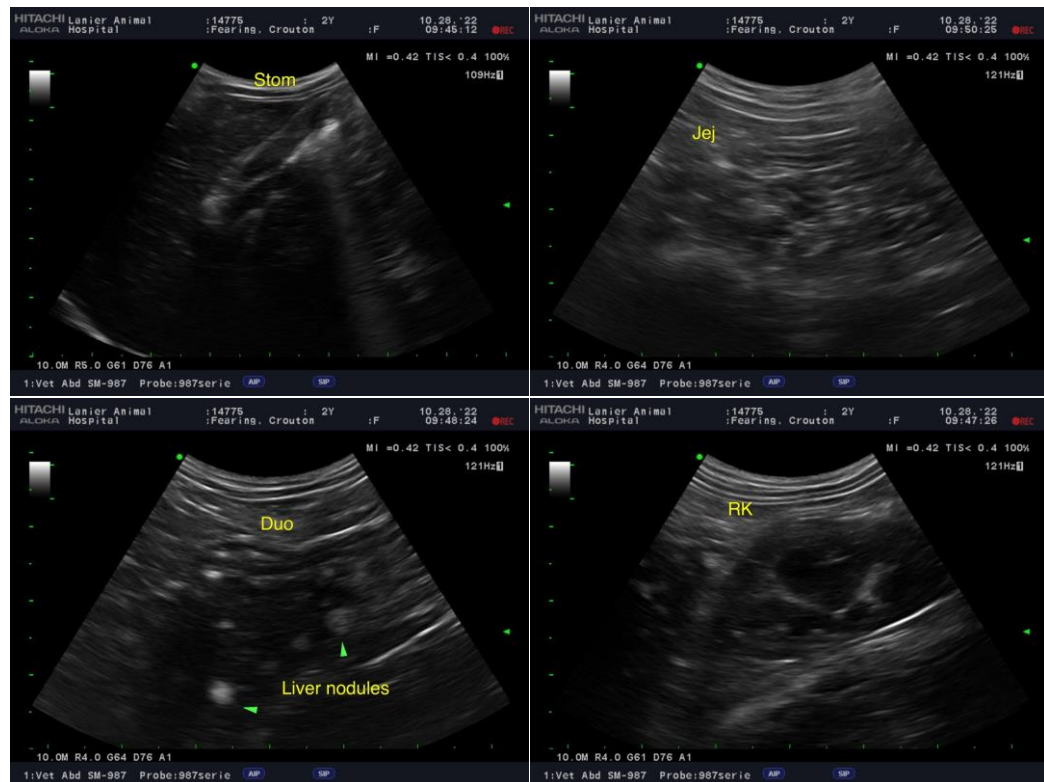
Dr. Fearing

INVOICE

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PATIENT

Crouton Fearing

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

2yr

WEIGHT

6.6lb

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HOSPITAL NAME

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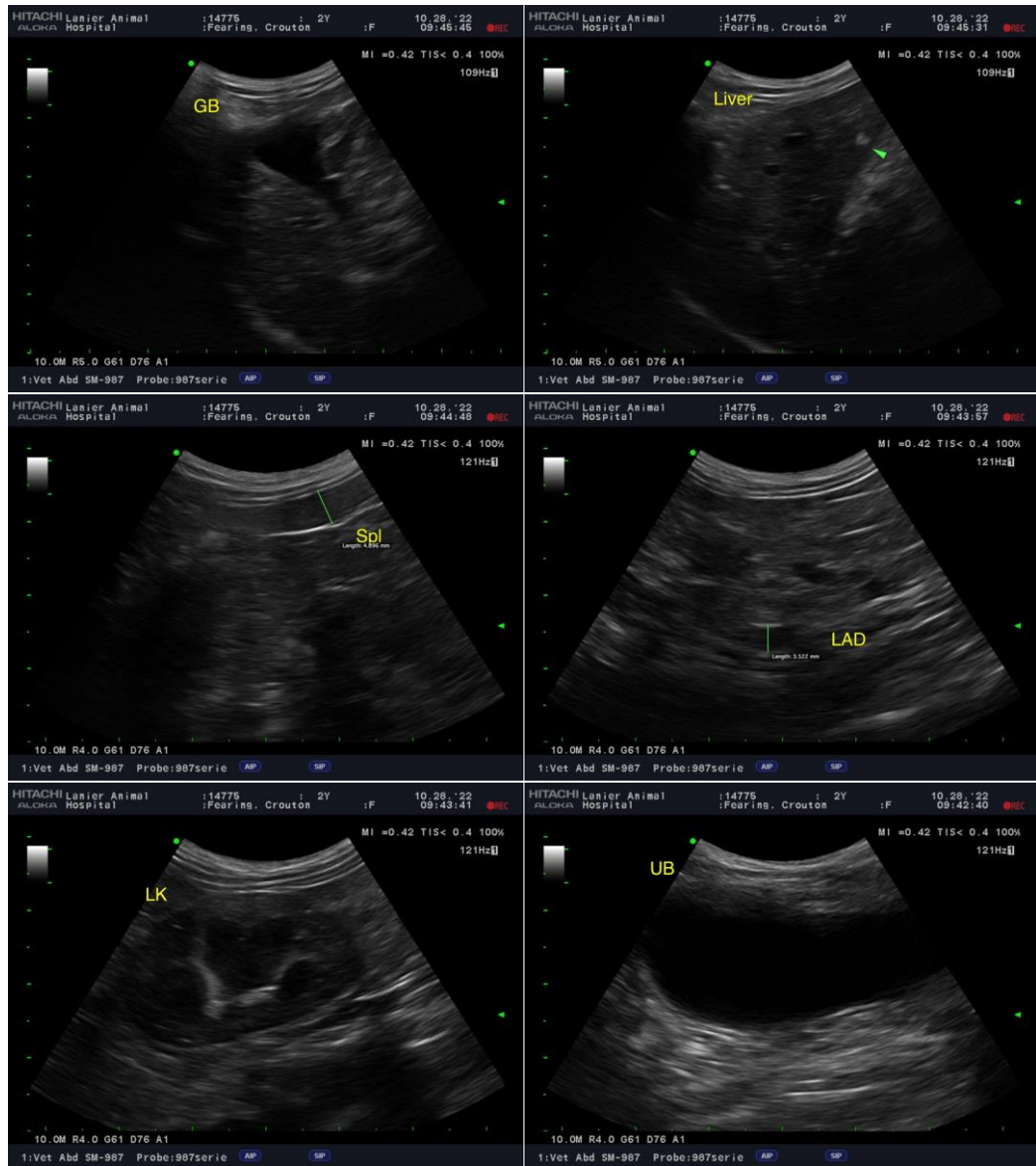
Dr. Fearing

INVOICE

12030ag

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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.

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

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