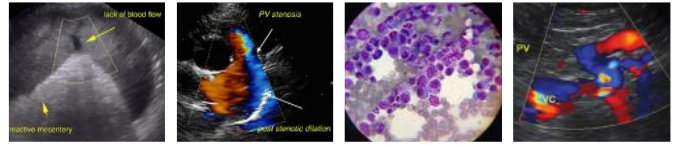
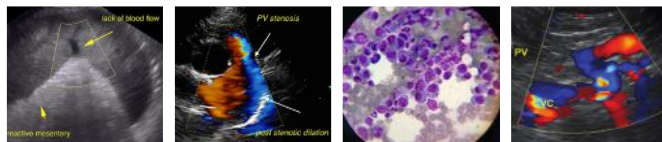


PATIENT	PRESENTING CLINICAL SIGNS
Freddy Timoteyeva	vomiting and anorexia for 3 days; elevated liver values. On IVF and cerenia
SPECIES	Abnormal PE/Chem/CBC/UA Results: WBC 22.2 with neutrophilia 17; ALT 819, ALKP 596, GGT 16, K+ 3.7, tbili 5.1
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Pit bull Mix	Urinary System
SEX	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 was noted.
MN	
AGE	No overt pathology was noted in the area of the residual prostate.
6 years	The area of the aortic trifurcation was free of pathology including no evidence of medial Iliac or sublumbar lymphadenopathy.
WEIGHT	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pyelectasia. The left kidney measured 8.2 cm in length. The right kidney measured 7.5 cm in length.
64 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.2 cm length x 0.43 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.5 cm length x 0.43 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Diane McFadden	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	Liver/ Gallbladder
Newton VH	The liver exhibited generalized enlargement with maintained symmetrical capsule contour. Mild decreased hepatic parenchyma echogenicity was present with subtle increased prominence of the portal vascular borders. No masses or nodules were noted. The gallbladder was non-distended in size with mildly prominent to echogenic gallbladder walls. Anechoic content without evidence of luminal debris was present. No evidence of peripheral gallbladder inflammatory criteria was noted. No evidence of hepatic vascular congestion was noted.
REFERRING VET	
N/A	
INVOICE	
14400	
DATE	
7/27/22	



PATIENT	<i>Gastrointestinal</i>
Freddy Timoteyeva	The stomach presented intact yet prominent wall layering with a mild amount of retained anechoic fluid and nonshadowing chyme present in the stomach.
SPECIES	
Canine	The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis/ mucosa ratio. The mucosa exhibited mild decreased echogenicity with occasional mucosal speckling. A segmental mild nonobstructive small intestinal ileus pattern consisting of mild fluid accumulation in the intestinal lumen was present without obstruction or foreign material. No evidence of small Intestinal mechanical obstructive pattern was evident.
BREED	
Pit bull Mix	
SEX	Normal visible colon wall layers were present with apparent formed feces in lumen.
MN	<i>Pancreas</i>
AGE	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.
6 years	
WEIGHT	<i>Free Abdomen</i>
64 lbs.	Scant caudal abdominal free fluid was noted around the urinary bladder and caudal abdomen. Focal to intermittent hepatic lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly margined. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. An example of lymph node size was 1.3 cm in diameter. Subtle perihepatic hyperechoic mesentery was present.
INTERPRETED BY	ULTRASONOGRAPHIC FINDINGS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<ul style="list-style-type: none"> • Hepatopathy - subjectively acute • Possible concurrent mild cholecystitis • Mild hepatic lymphadenopathy - suspect secondary lymphoid hyperplasia or reactive hepatic lymphadenitis • Acute gastroenteritis pattern with mild gastric hypomotility and minor segmental small Intestinal ileus - no evidence of mechanical obstructive pattern / foreign material. • Scant caudal abdominal free fluid
IMAGING PERFORMED BY	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
Diane McFadden	Although not definitive, the suspected etiology for the hepatopathy may include acute hepatitis (viral, bacterial, leptospirosis, toxin, etc.,) with potential for concurrent vacuolar hepatic changes and nonobstructive hepatic cholestasis. Occult hepatic neoplasia cannot be definitively excluded. Further assessment of the liver may include, assuming normal clotting status, FNA cytology, as well as Leptospirosis titers/PCR.
HOSPITAL NAME	
Newton VH	
REFERRING VET	
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INVOICE	
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DATE	
7/27/22	Empirically, aggressive therapy for acute hepatitis which may include hepatosupportive medications, as well as antibiotics pending additional diagnostics and as-needed gastrointestinal support with monitoring of liver enzymes and clinical response would be reasonable.



PATIENT

Freddy Timoteyeva

SPECIES

Canine

BREED

Pit bull Mix

SEX

MN

AGE

6 years

WEIGHT

64 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Newton VH

REFERRING VET

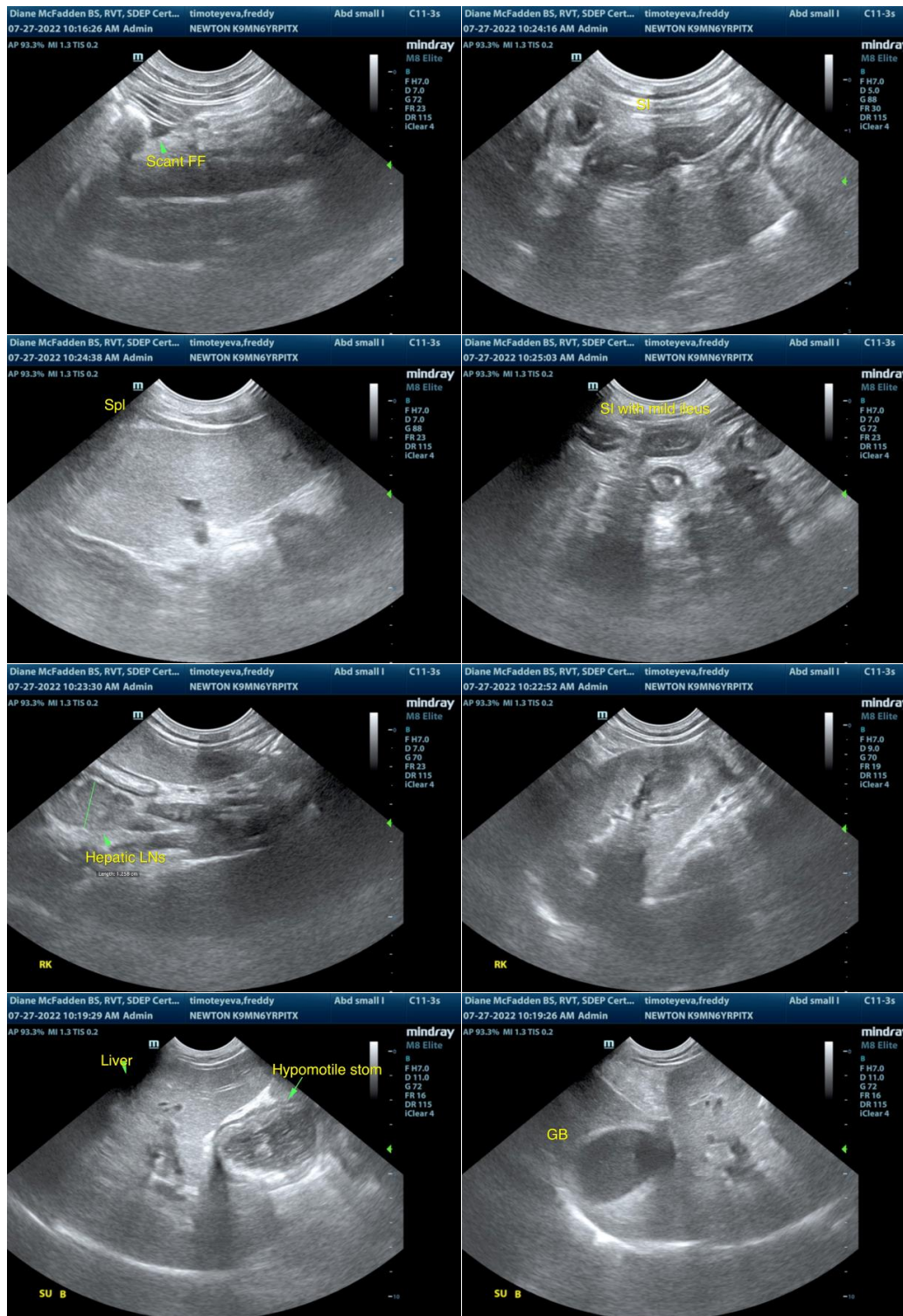
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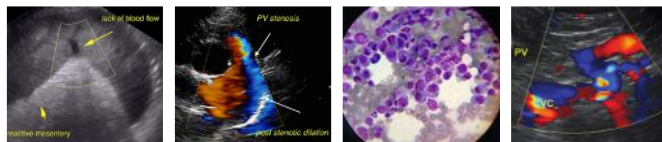
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PATIENT

Freddy Timoteyeva

SPECIES

Canine

BREED

Pit bull Mix

SEX

MN

AGE

6 years

WEIGHT

64 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Newton VH

REFERRING VET

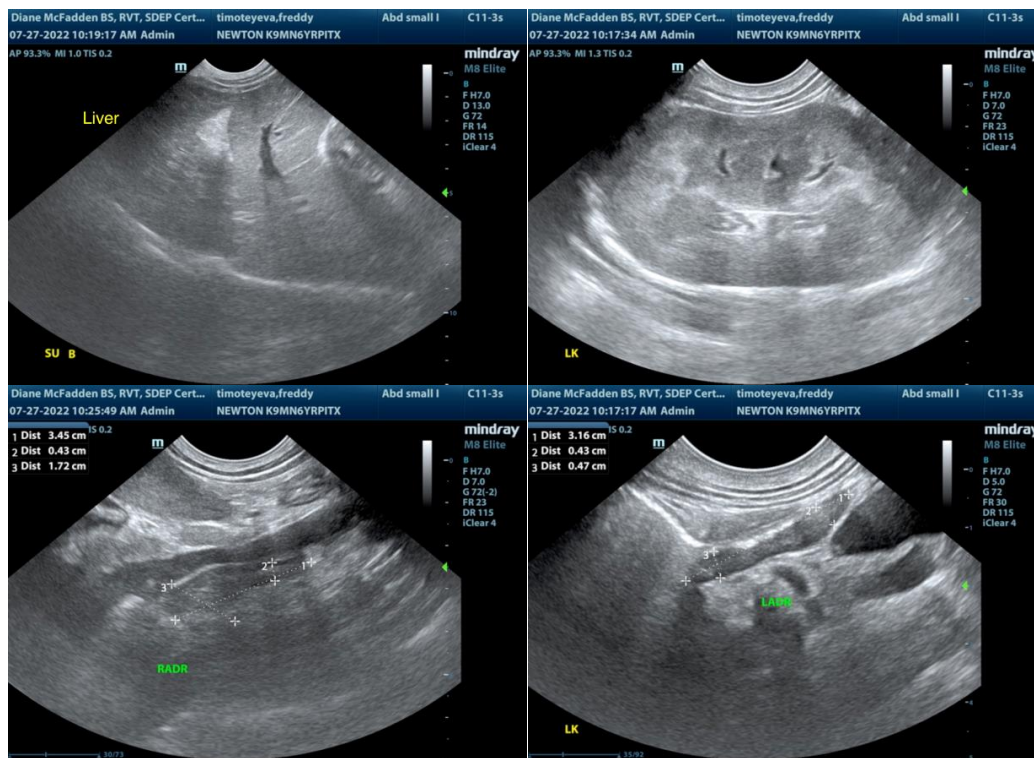
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INVOICE

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DATE

7/27/22



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)
info@SonoPath.com