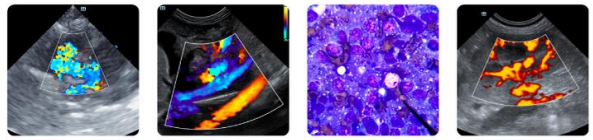


PATIENT	PRESENTING CLINICAL SIGNS
Dutch Kutch	History chronic but very intermittent episodes of borborygmus, decreased appetite and "tight" abdomen. This would historically happen about once a month but recently has been happening 1-2x a week for 1-3 day periods. Decent response to 5mg famotidine. Is on Hill's biome food. No v/d/c/s. Mild gradual weight loss. Great energy, appetite good in between episodes. We are starting a hydrolyzed diet trial.
SPECIES	
Canine	
BREED	Abnormal PE/Chem/CBC/UA Results: normal chem cbc and cpl
Chihuahua Mix	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
MN	Urinary System
AGE	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 evidence of urine or lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
8 y	
WEIGHT	The residual prostate was free of pathology.
12 lbs.	No evidence of pathology in the area of the aortic trifurcation.
INTERPRETED BY	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 pelvic dilation. The left kidney measured 4.1 cm in length. The right kidney measured 4.0 cm in length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Adrenal Glands
IMAGING PERFORMED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.63 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 0.45 cm width at the caudal pole.
Brita Kiffney	Spleen
HOSPITAL NAME	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.
Northshore VH	Liver/ Gallbladder
REFERRING VET	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were
Brita Kiffney	
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DATE	
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PATIENT

Dutch Kutch

SPECIES

Canine

BREED

Chihuahua Mix

SEX

MN

AGE

8 y

WEIGHT

12 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Brita Kiffney

HOSPITAL NAME

Northshore VH

REFERRING VET

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normal in appearance without signs of congestion. The gallbladder was non-distended in size containing primarily anechoic content with moderate, congealed, nonorganized gallbladder debris. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild, nonshadowing ingesta without signs of obstruction or foreign material. There was no obvious obstruction to pyloric outflow.

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 jejunum wall measured 0.36 cm width. The duodenum wall width measured 0.53 cm width.

Normal visible colon wall layers were present with semi formed fecal matter.

Pancreas

The area of the pancreas was sonographically normal.

Free Abdomen

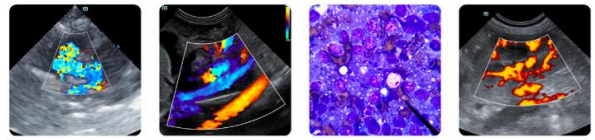
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Overall sonographically normal gastrointestinal tract with nonshadowing gastric ingesta - consistent with food echogenicity
- Normal area of the pancreas
- Semi-formed fecal matter in colon
- Congealed nonorganized gallbladder debris (non mucocele)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although there is no sonographic evidence of gastrointestinal mural changes or pathology, a GI panel to include PLI/TLI/Cobalamin/Folate is recommended to assess for nonstructural intestinal disease, given gastrointestinal signs and mild weight loss. Continued gastroprotectants and assessment of clinical response to pending hydrolyzed diet trial is recommended. Recheck sonogram if persistent / progressive gastrointestinal signs or weight loss.



PATIENT

Dutch Kutch

SPECIES

Canine

BREED

Chihuahua Mix

SEX

MN

AGE

8 y

WEIGHT

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INTERPRETED BY

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(Canine and Feline)

IMAGING PERFORMED BY

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HOSPITAL NAME

Northshore VH

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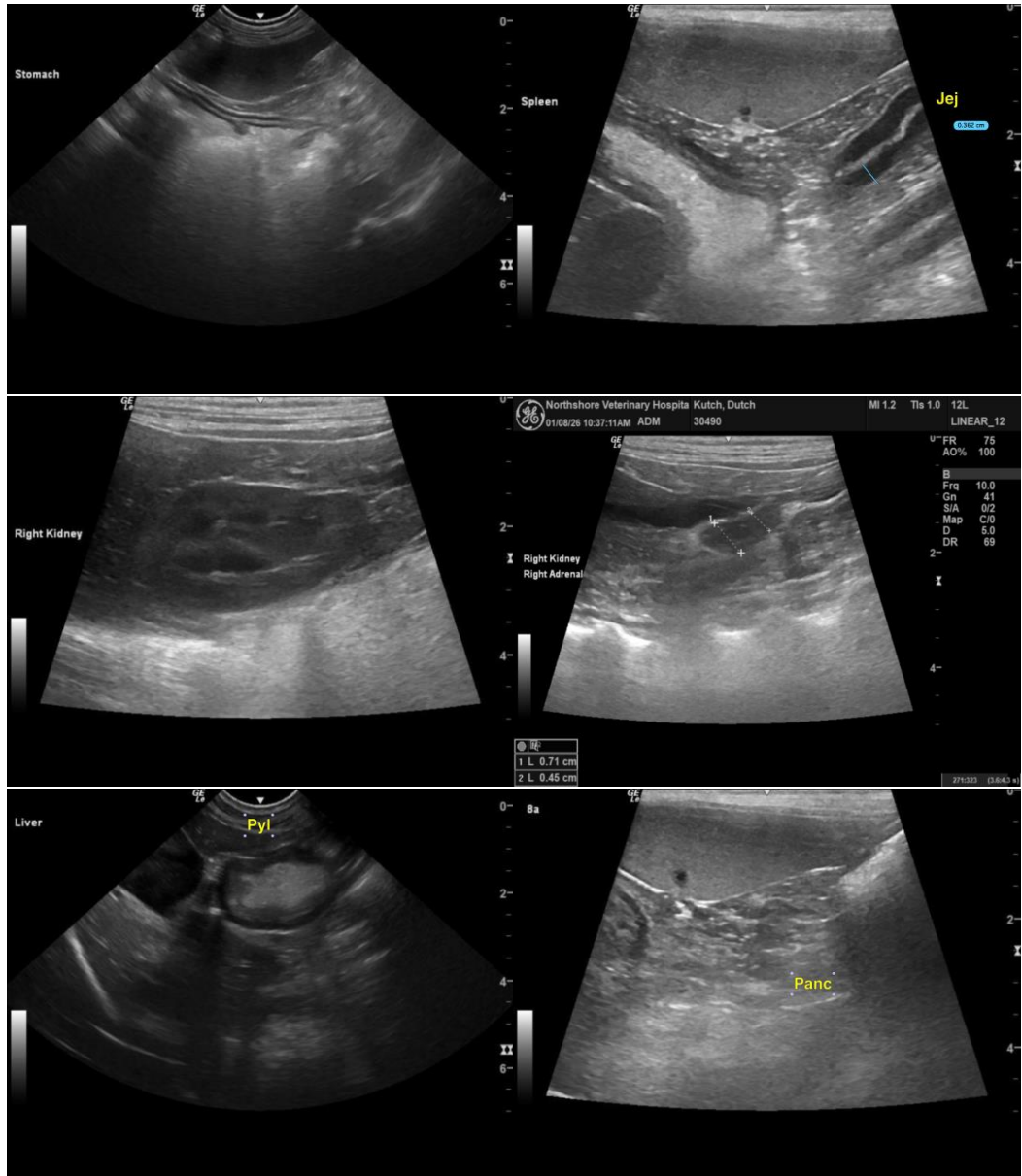
Brita Kiffney

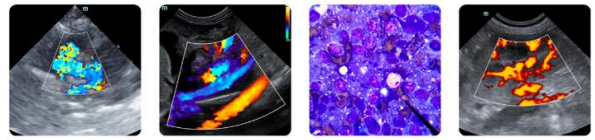
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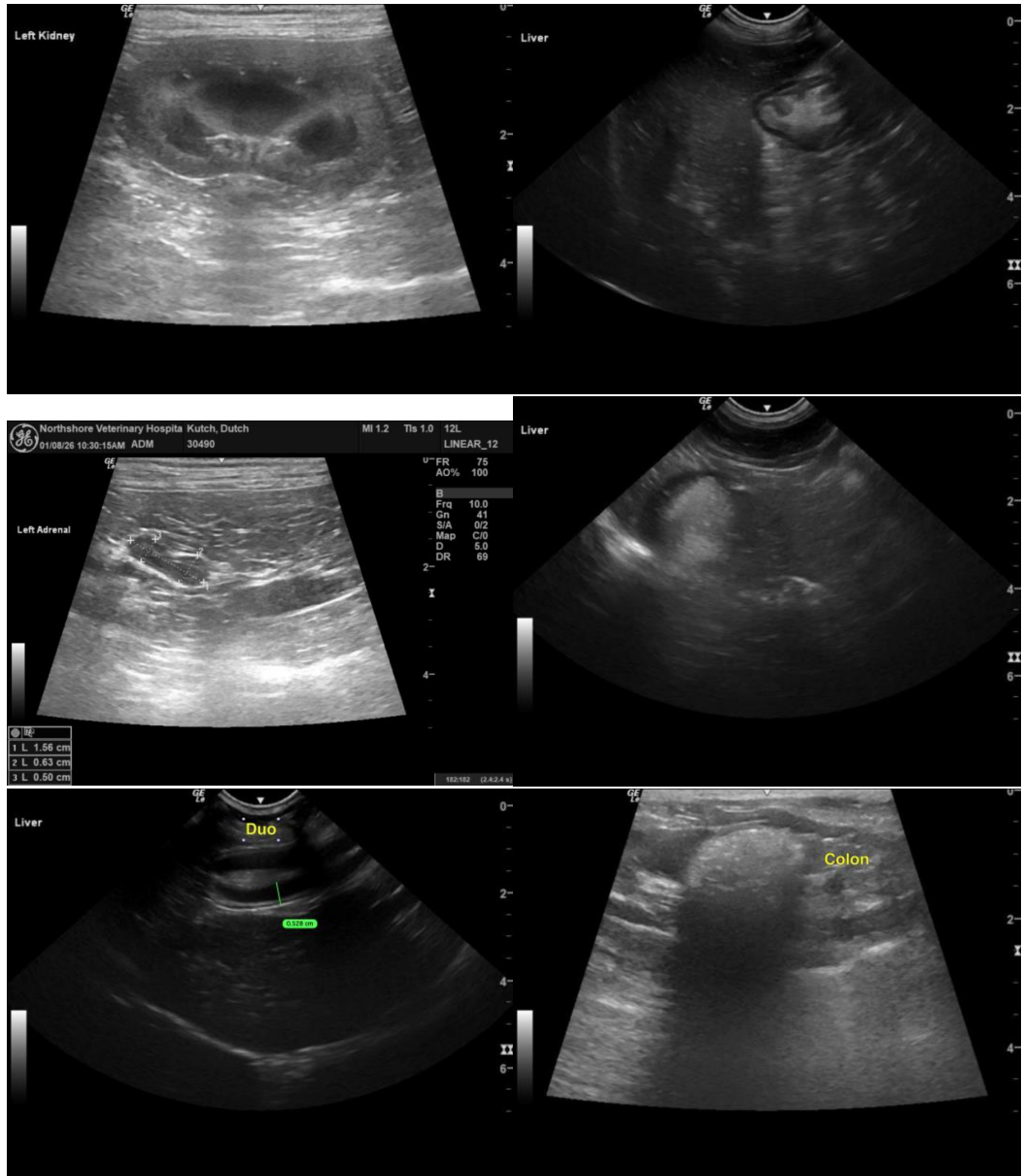
Brita Kiffney

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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)
info@sonopath.com