



PATIENT

Chip Cooley

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

12 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Brita Kiffney

HOSPITAL NAME

Northshore Veterinary
Hospital

REFERRING VET

Dr. Brita Kiffney

INVOICE

13596

DATE

02/04/26

PRESENTING CLINICAL SIGNS

- decreased appetite over the weekend,

Abnormal PE/Chem/CBC/UA Results: moderate calculus, alopecia on ears and ventral tail, ALT 2748 ALP 398

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 change were noted.

The area of the aortic trifurcation was free of pathology.

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 pelvic dilation was present. The left kidney measured 3.9 cm in length. The right kidney measured 4.1 cm in length.

Adrenal Glands

The left adrenal gland was overtly normal in size, position and shape measuring 0.30 cm width.

No obvious pathology in the area of the right adrenal gland.

Spleen

The spleen presented non-enlarged in size with homogenous parenchyma and asymmetrical capsule contour primarily secondary to a focal area of medial parenchymal expansion adjacent to the hilus. Splenic width in the area of the parenchymal expansion measured 0.93 cm.

Liver & Gallbladder

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 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.

Gastrointestinal

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.

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



PATIENT

Chip Cooley

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

12 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Brita Kiffney

HOSPITAL NAME

Northshore Veterinary
Hospital

REFERRING VET

Dr. Brita Kiffney

INVOICE

13596

DATE

02/04/26

measured 0.24 cm wall width. The jejunum wall measured 0.23 cm wall width. The ileocolic wall measured 0.35 cm wall width.

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.

Free Abdomen

A solitary mildly enlarged pancreaticoduodenal lymph node was visualized adjacent to the duodenum measuring 0.50 cm in diameter. No additional mesenteric lymphadenopathy. No evidence of peritoneal effusion.

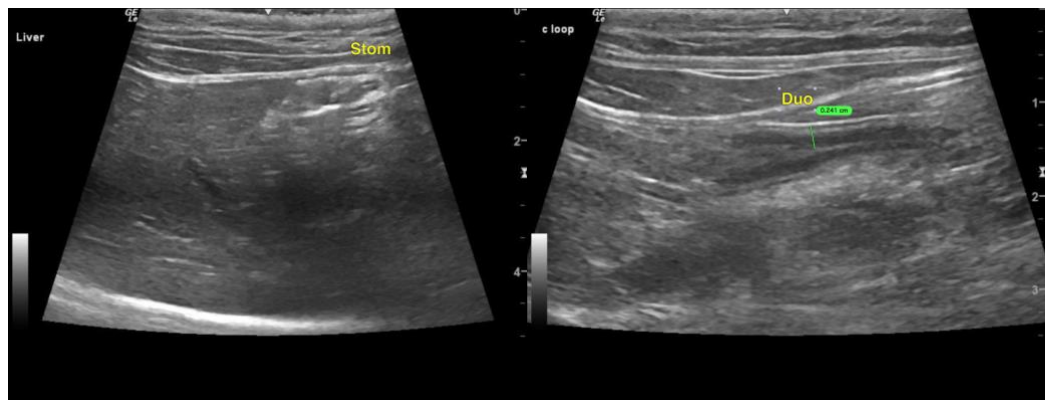
ULTRASONOGRAPHIC FINDINGS

- Normal empty gastrointestinal tract.
- Normal area of the pancreas.
- Hepatopathy.
- Normal gallbladder.
- Age-related renal changes.
- Pancreaticoduodenal lymphadenopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No sonographic evidence of significant hepatobiliary disease, which suggests nonspecific yet benign hepatopathy. Primary consideration for inflammatory disease i.e., cholangiohepatitis, given significantly elevated ALT in conjunction with non-obstructive cholestasis is warranted.

Further assessment may include (assuming normal clotting status and using 25-gauge needle) hepatic FNA cytology to assess for inflammatory cell type. A GI panel to include PLI, TLI, cobalamin and folate is suggested to rule out or assess for evidence of non-structural intestinal disease or mild pancreatitis, which may present sonographically normal as a contributing factor. Hepato-gastrointestinal support and empirical therapy for inflammatory hepatic disease with clinical monitoring would be reasonable.





PATIENT

Chip Cooley

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

12 pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Brita Kiffney

HOSPITAL NAME

Northshore Veterinary
Hospital

REFERRING VET

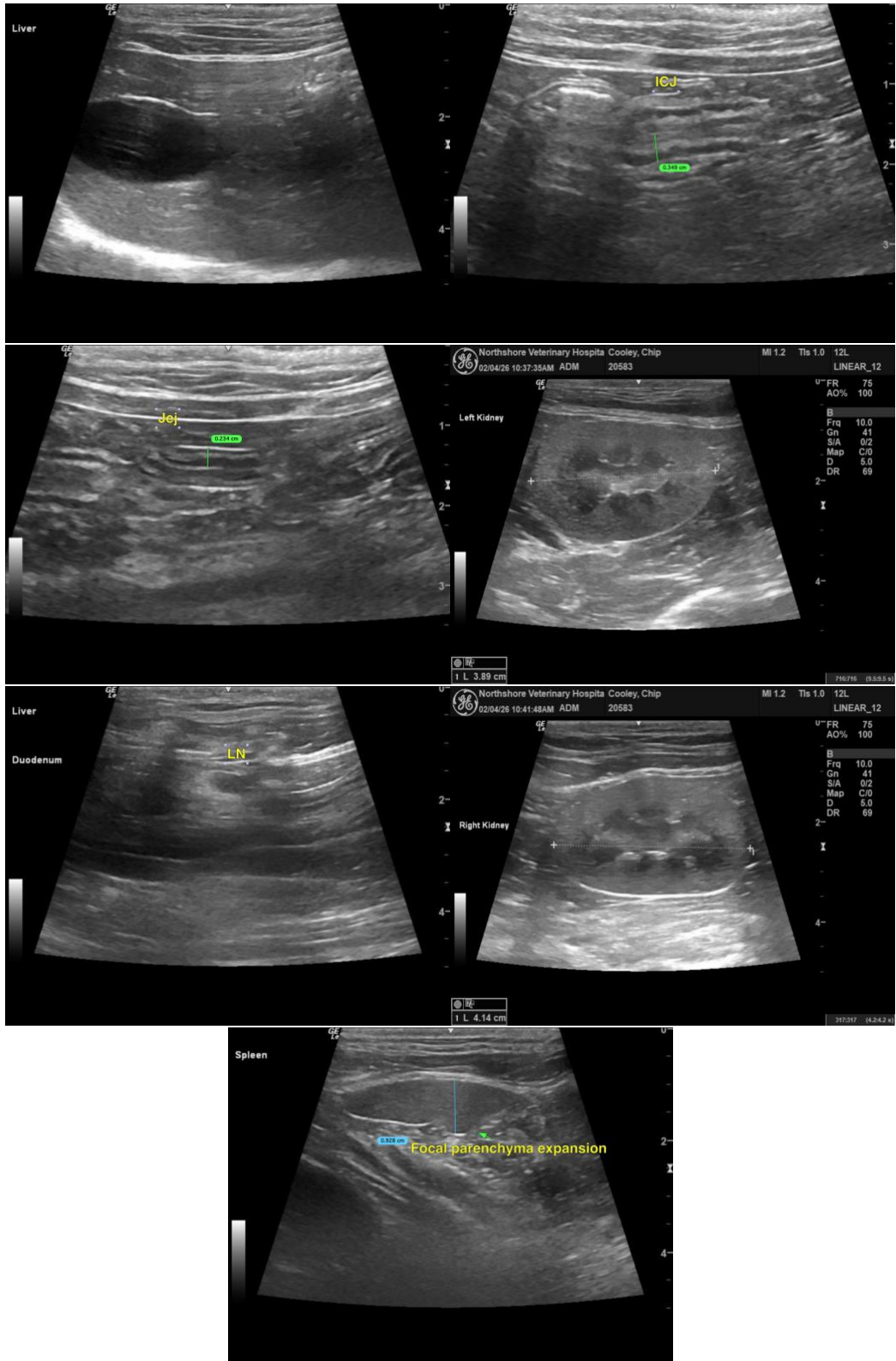
Dr. Brita Kiffney

INVOICE

13596

DATE

02/04/26





PATIENT

Chip Cooley

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

12 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Brita Kiffney

HOSPITAL NAME

Northshore Veterinary
Hospital

REFERRING VET

Dr. Brita Kiffney

INVOICE

13596

DATE

02/04/26

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