



PATIENT

Shadow Hadley

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

12yr

WEIGHT

10.9lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

Shohola

REFERRING VET

Dr. Gramazio

INVOICE

12370ag

DATE

12/05/2022

PRESENTING CLINICAL SIGNS

Decreased appetite, lip smacking. Will lick only gravy on food. Weight loss.

Convenia given 11/23.

Abnormal PE/Chem/CBC/UA Results: ALP 101 (59 H)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 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.

Normal size and margination were 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 minor loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.7 cm in length. The right kidney measured 3.8 cm in length

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

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 uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.40 cm width.

Spleen

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 0.61 cm in width at the level of the hilus.

Liver

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 with mild non-organized echogenic luminal debris. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The stomach exhibited moderate distention with gas. A mild amount of non-shadowing chyme was present in the area of the pylorus with no signs of ileus, obstruction or foreign material. The pylorus wall measured 0.20 cm in width.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Minor segmental non-obstructive duodenojejunal ileus patten was present. The lumen of the small intestine was empty



PATIENT

Shadow Hadley

with no signs of obstruction or foreign material. The duodenum wall measured 0.24 cm width. The jejunum wall measured 0.20 cm width. The ileocolic wall measured 0.27 cm width.

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

SPECIES

Pancreas

Feline

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

Free Abdomen

DSH

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

SEX

ULTRASONOGRAPHIC FINDINGS

FS

- Intact sonographically unremarkable visualized gastric wall layering with moderate gas distention and minor retained pyloric chyme
- Sonographically unremarkable small bowel with minor segmental non-obstructive ileus
- Mild age-related renal changes
- Mild gallbladder debris

AGE

12yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

10.9lb

Given the lack of obstructive upper GI criteria i.e. no evidence of mural pathology or foreign body, potential for metabolic gastric stasis which may be secondary to mild gastritis/esophagitis, generalized inflammatory gastroenteropathy, low grade to chronic pancreatitis (both of which may present sonographically normal) or less likely occult infiltrative GI neoplasia. A GI panel to include PLI/TLI/Cobalamin/Folate is recommended.

INTERPRETED BY

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

The gallbladder debris is likely incidental yet may indicate mild non-obstructive cholestasis or low-grade hepatobiliary inflammation i.e. cholangiohepatitis. Hospitalization with 24-48 hour IVF and GI support with gastric protectants such as omeprazole 1 mg/kg PO SID and radiographic reassessment may prove beneficial.

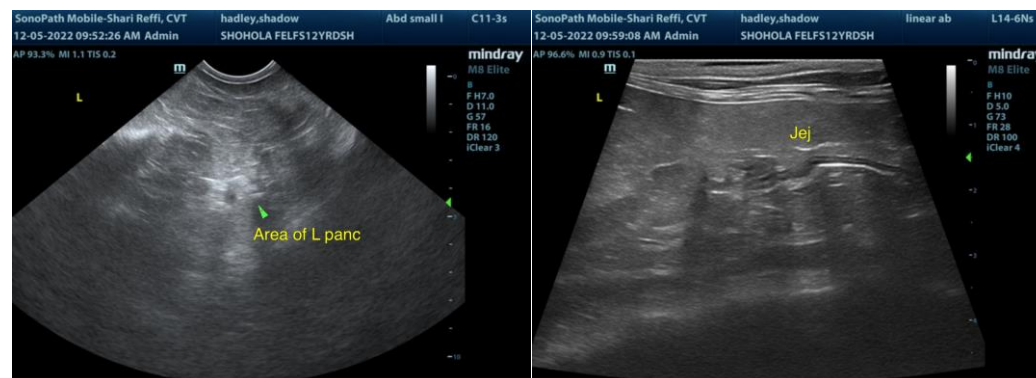
IMAGING PERFORMED BY

Shari Reffi CVT

Assuming no evidence of pathology on three view chest radiographs, GI biopsies may be indicated if persistent gastric gas distention or persistent weight loss.

HOSPITAL NAME

Shohola



REFERRING VET

Dr. Gramazio

INVOICE

12370ag

DATE

12/05/2022



PATIENT

Shadow Hadley

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

12yr

WEIGHT

10.9lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

Shohola

REFERRING VET

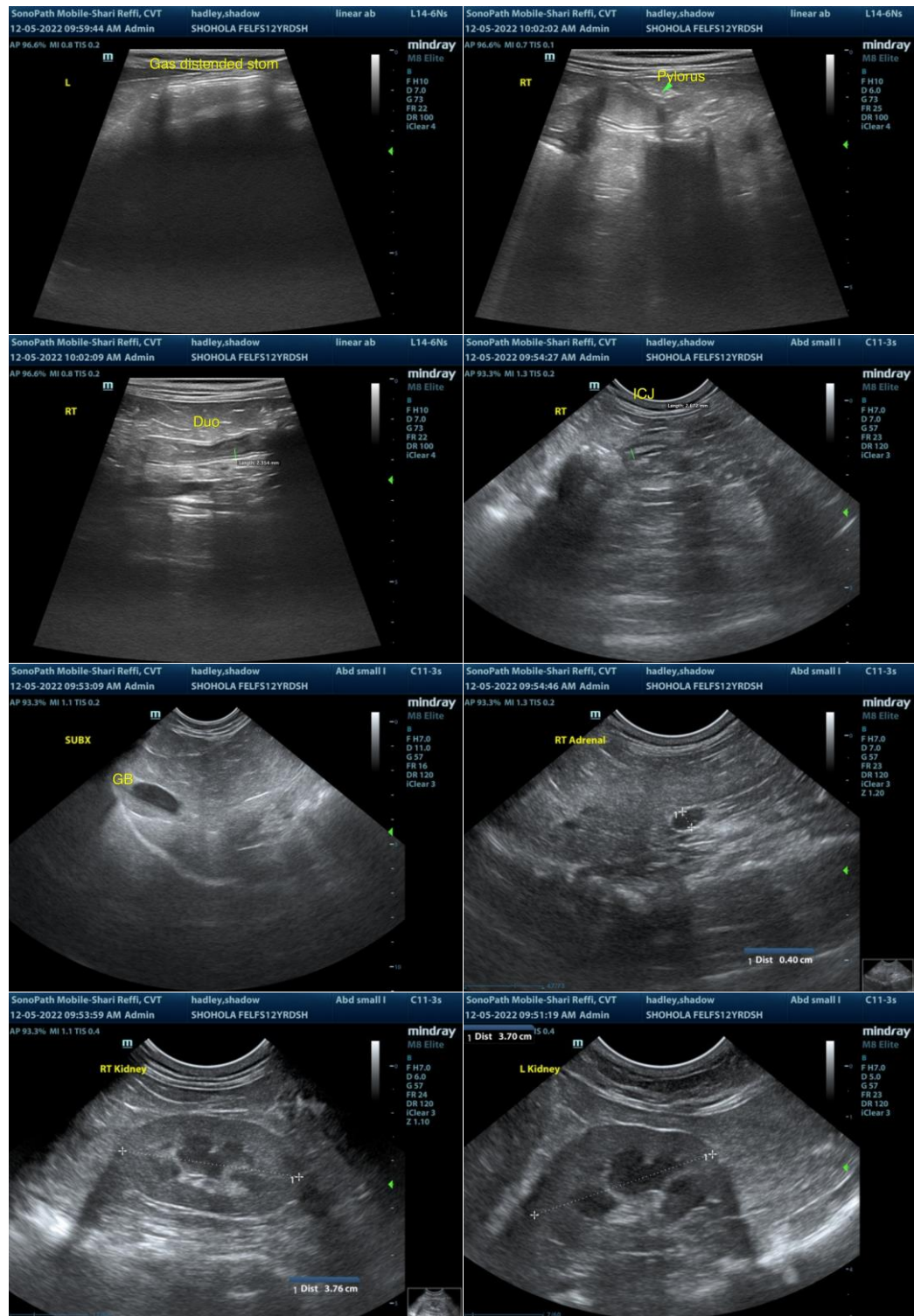
Dr. Gramazio

INVOICE

12370ag

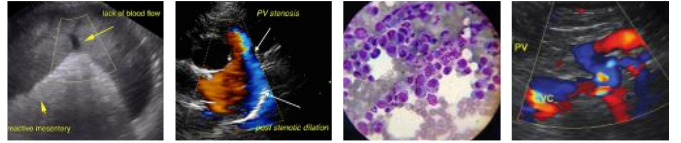
DATE

12/05/2022



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



PATIENT

can be of any further assistance, please contact me.

Shadow Hadley

SPECIES

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

mac.daniel@sonopath.com

Feline

BREED

DSH

SEX

FS

AGE

12yr

WEIGHT

10.9lb

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Shari Reffi CVT

HOSPITAL NAME

Shohola

REFERRING VET

Dr. Gramazio

INVOICE

12370ag

DATE

12/05/2022