



PATIENT

Stormwind Varneke

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

13.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Tiffany Brady DVM

HOSPITAL NAME

Shiloh Veterinary
Hospital

REFERRING VET

Tiffany Brady DVM

INVOICE

15642

DATE

04/29/26

PRESENTING CLINICAL SIGNS

Previous CT (2/19/25) of the head revealed a soft tissue mass of the nasopharynx (biopsy results consistent with an adenocarcinoma). and a small brain tumor in the forward aspect of the right frontal lobe that was most consistent with a meningioma. A Cyberknife radiation for the brain tumor and nasal cancer were completed March 27, 2025. She did well for about 7 months with minimal nasal discharge but in September she began sneezing more nasal discharge which has progressed despite trials of cefpodoxime, Convenia, azithromycin, Veraflox, and prednisolone P also has history of stable grade 2 heart murmur. Ultrasound performed to evaluate heart and to assess for metastatic disease prior to returning to specialist for additional workup for return of nasal symptoms Currently on Dasuquin, Amlodapine, and Azithromycin

Abnormal PE/Chem/CBC/UA Results: BP performed today on tail base 140, 144, 144 mmHg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was mildly distended with normal tone. The trigone and cystourethral junction 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. No visible proximal urethral pathology.

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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Moderate medullary mineral was present. The left kidney measured 3.7 cm in length. The right kidney measured 4.3 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.45 cm width.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.47 cm width.

Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Intermittent discrete hyperechoic nodules were present with an example measuring 0.32 cm in diameter. 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 or neoplastic changes were not noted. The hyperechoic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

Liver & Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mild / moderate nonuniform and hypoechoic to the spleen with a mild/ moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in



PATIENT

Stormwind Varneke

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

13.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Tiffany Brady DVM

HOSPITAL NAME

Shiloh Veterinary
Hospital

REFERRING VET

Tiffany Brady DVM

INVOICE

15642

DATE

04/29/26

appearance without signs of congestion. Intermittent thinly walled small hepatic intraparenchymal cysts were present containing anechoic fluid with an example measuring 0.78 cm in diameter. A solitary non-capsule deforming nonhomogenous cystic, small intraparenchymal liver mass was present in the left caudal liver measuring 2.5 cm in diameter.

The gallbladder was non distended in size with mild biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

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.

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

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Small cystic liver mass with concurrent separate small hepatic cysts.
- Mild gallbladder debris.
- Discrete hyperechoic splenic nodules.
- Bilateral chronic renal changes with mild medullary mineral.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The small cystic liver mass is suggestive of a probable biliary cystadenoma in conjunction with separate small hepatic cysts. Potential for emerging neoplastic cystic mass, i.e. biliary cystadenocarcinoma or metastasis is thought less likely. Likewise, the discrete hyperechoic splenic nodules suggest benign criteria, i.e. discrete myelolipomas.

Sonographic monitoring of the small cystic liver mass, hepatic cysts and discrete splenic nodules for evidence of progression is recommended. Otherwise, largely geriatric abdomen without evidence of additional visceral pathology.



PATIENT

Stormwind Varneke

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

13.8 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Tiffany Brady DVM

HOSPITAL NAME

Shiloh Veterinary
Hospital

REFERRING VET

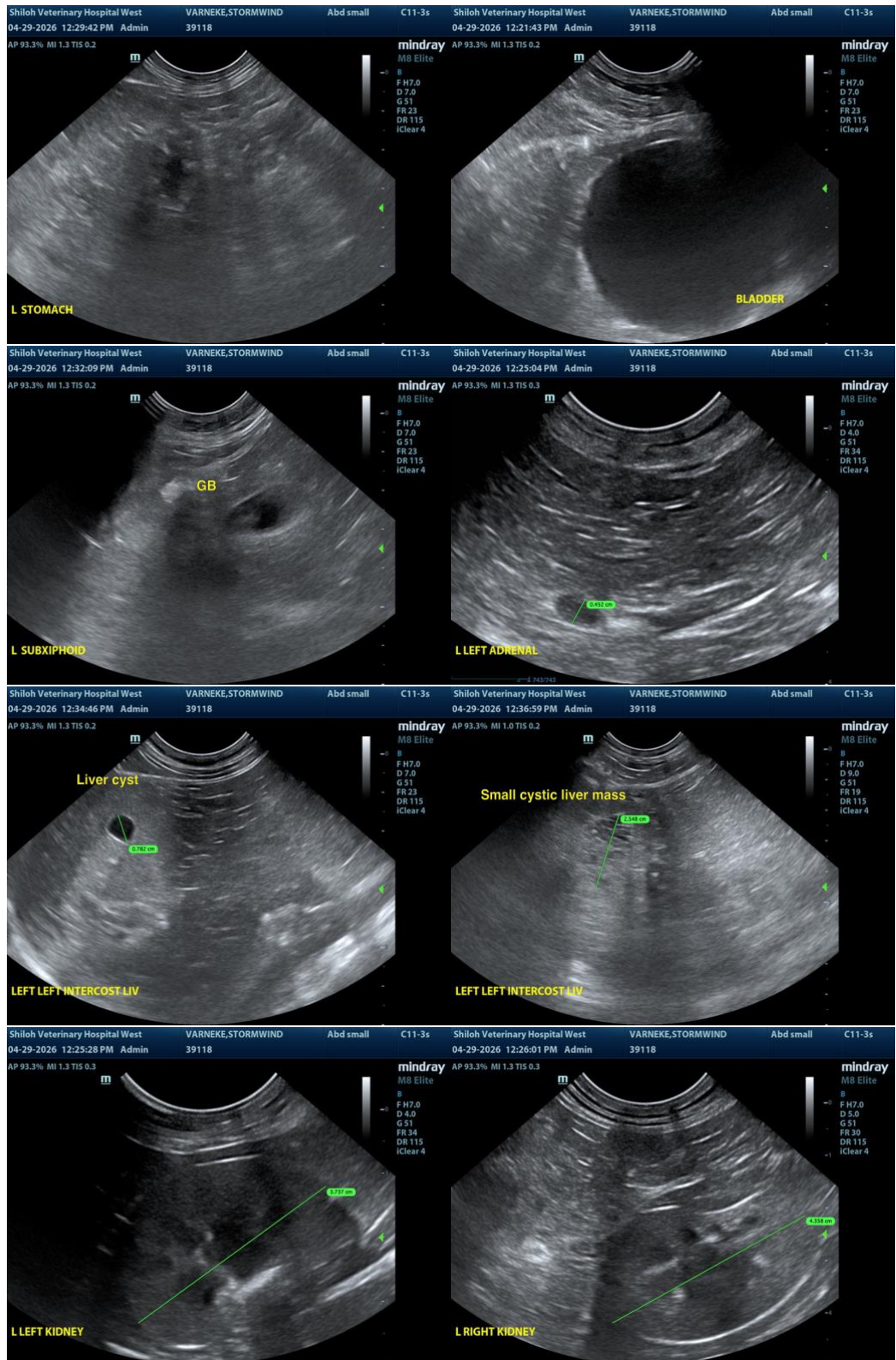
Tiffany Brady DVM

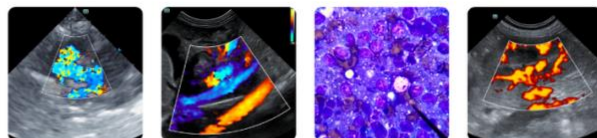
INVOICE

15642

DATE

04/29/26





PATIENT

Stormwind Varneke

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15 Years

WEIGHT

13.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Tiffany Brady DVM

HOSPITAL NAME

Shiloh Veterinary
Hospital

REFERRING VET

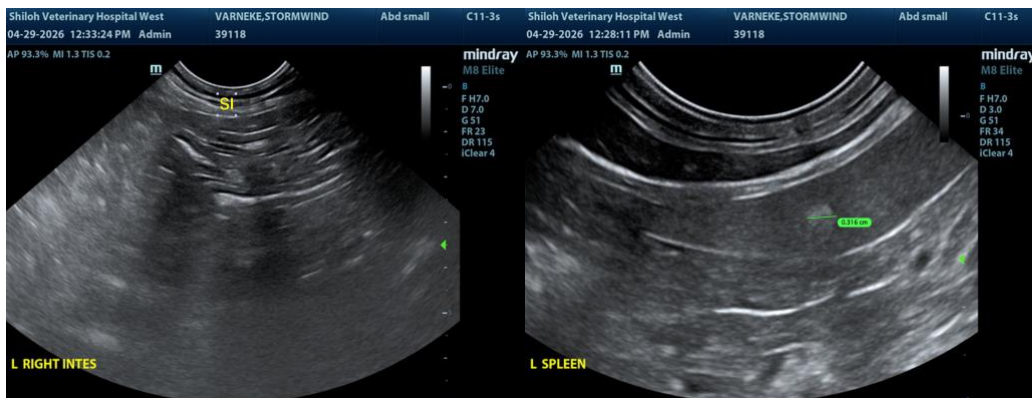
Tiffany Brady DVM

INVOICE

15642

DATE

04/29/26



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