

**PATIENT**

Maggie Irey

SPECIES

Canine

BREED

Kerry Blur Terrier

SEX

FS

AGE

14 Years

WEIGHT

43 lbs

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**IMAGING
PERFORMED BY**

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

Family Pet Practice

INVOICE

49367

DATE

1-7-22

PRESENTING CLINICAL SIGNS

Presented today 2 weeks ago increased appetite, otherwise no changes. Not PU/PD. No V/D Currently on Senilife, Glucosamine, cyclosporine eye drops. **previous splenectomy (histopathology was benign) **history of functional parathyroid gland hyperplasia (on biopsy)

Abnormal PE/Chem/CBC/UA Results: PLT 699 Chol 432 AST 63 Trig >500 T4 0.6

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN*Urinary System*

Mild mid ventral apical to mid dorsal urinary bladder mural hypertrophy was present with focal area of apical thickening exhibiting mild nonhomogeneous yet nonmineralized echogenicity. The area of focal apical thickening measured approximately 0.86 cm width while the ventral apical urinary bladder wall measured 0.53 cm width. Anechoic urine present. No sediment or calculi. The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal tone. The ureteral papillae were normal. The ureters were not visible which is normal.

No evidence of pathology in the area of the aortic trifurcation and without evidence of medial iliac or sublumbar lymphadenopathy.

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. Small cyst present in the lateral medulla cortex border of the left kidney. No evidence of pelvic dilation was present. The left kidney measured 6.0 cm in length. The right kidney measured 6.9 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 0.67 cm width at the caudal pole and 0.63 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.65 cm width at the caudal pole and 0.77 cm width at the cranial pole.

Spleen

The spleen was not visualized owing to previous splenectomy. No evidence of pathology in the area of the spleen.

Liver / Gallbladder

The liver exhibited moderate generalized enlargement, maintained symmetrical capsule contour, and generalized echogenic parenchyma exhibiting multifocal nonexpansive well demarcated uniformly hypoechoic parenchymal nodules. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with mild echogenic, nonmineralized gallbladder debris. 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 gastric body wall width measured 0.45 cm.

**PATIENT**

Maggie Irey

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 width measured 0.39 cm.

SPECIES

Canine

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.

BREED

Kerry Blur Terrier

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

- Mild cystitis pattern with focal area of apical mural thickening.
- Hepatomegaly exhibiting parenchyma hyperechogenicity with multifocal nonexpansive hypoechoic nodules.
- Minor gallbladder debris (nonmucocele).
- Sonographically unremarkable bilateral adrenal glands.
- Sonographically unremarkable gastrointestinal tract.
- Mild chronic renal changes with small left kidney cyst.

AGE

14 Years

WEIGHT

43 lbs

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Potential for emerging neoplastic disease associated with the apical urinary bladder wall cannot be definitively excluded. Screening BRAF assay may be considered. Sonographic monitoring of the focal apical urinary bladder thickening with initial recheck in 4 weeks for evidence of progression would be ideal.

IMAGING PERFORMED BY

Amy Mayhew LVT

The presentation of the liver may indicate vacuolar hepatitis, chronic active hepatitis, cholangiohepatitis, early fibrosis / cirrhosis or other hepatopathy. Neoplasia considered a less likely differential diagnosis yet cannot be excluded.

HOSPITAL NAME

SVS Imaging Michigan

Although the normal bilateral adrenal glands and lack of PU/PD did not fit with hyperadrenocorticism, full adrenal workup including LDDST could be considered if strong clinical suspicion for hyperadrenocorticism in the face of thrombocytosis and hyperlipidemia.

REFERRING VET

Family Pet Practice

Assuming normal clotting status, hepatic FNA may be considered for screening cytology.

INVOICE

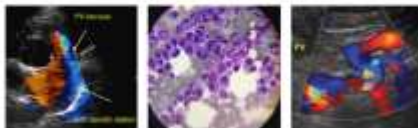
49367

DATE

1-7-22

IMAGING PERFORMED BY

SVS Mobile Imaging MI 734-637-7711
svsimagingmi@gmail.com



SonoPath
Clinical Sonography & Telectology

EDUCATIONAL TELECONSULTATION SERVICES™

1-800-838-4268 info@sonopath.com SonoPath.com

PATIENT

Maggie Irely

SPECIES

Canine

BREED

Kerry Blur Terrier

SEX

FS

AGE

14 Years

WEIGHT

43 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

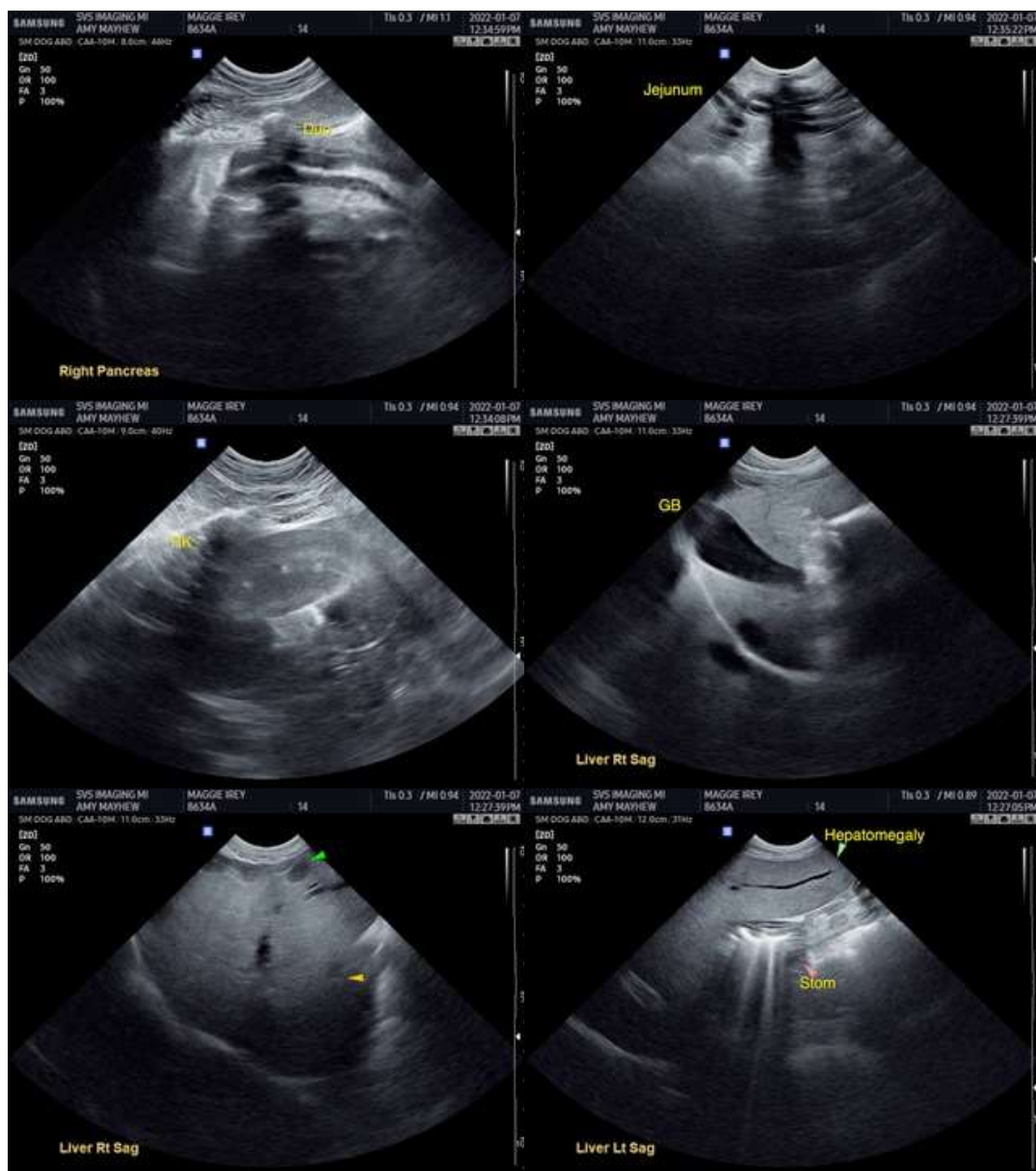
Family Pet Practice

INVOICE

49367

DATE

1-7-22



IMAGING PERFORMED BY

SVS Mobile Imaging MI 734-637-7711
svsimagingmi@gmail.com



PATIENT

Maggie Irely

SPECIES

Canine

BREED

Kerry Blur Terrier

SEX

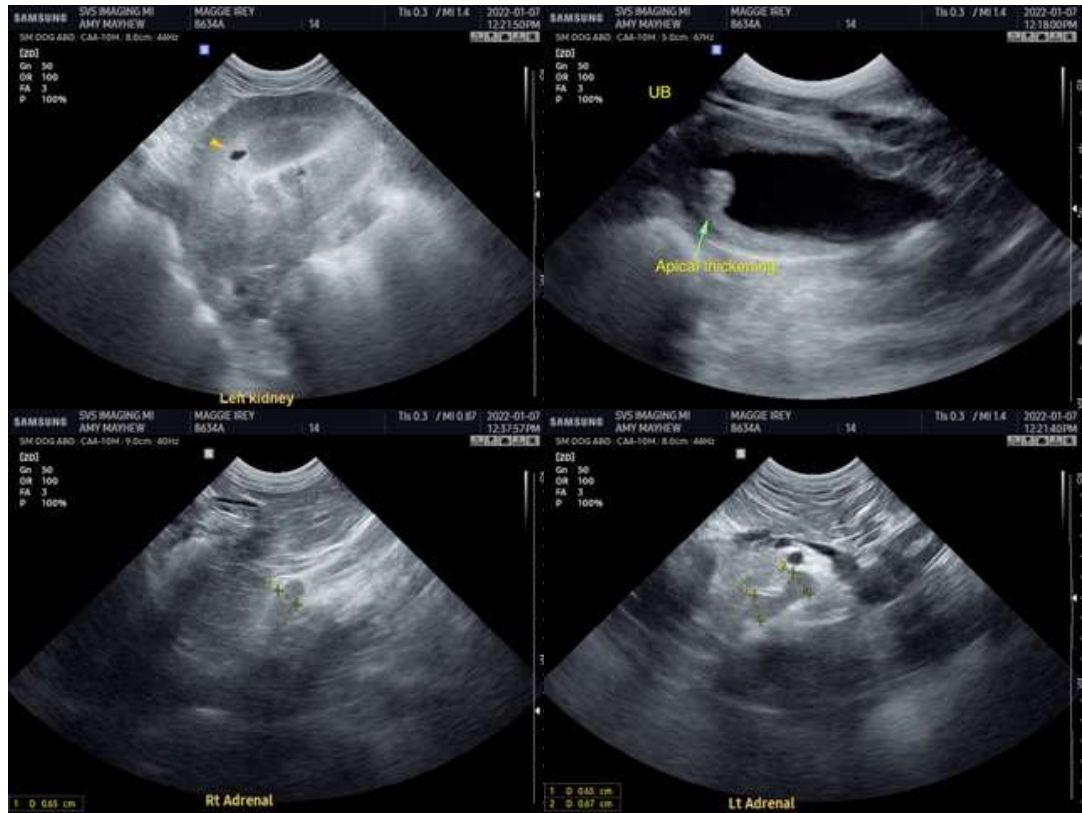
FS

AGE

14 Years

WEIGHT

43 lbs



INTERPRETED BY

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

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

Family Pet Practice

INVOICE

49367

DATE

1-7-22

The information and recommendations provided are based on the images presented by the referring veterinarian. 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