**PATIENT**

Melah Micallef

SPECIES

Canine

BREED

German Shepherd

SEX

FS

AGE

11 years

WEIGHT

104 lbs.

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

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging MI

REFERRING VET

Milford VC

INVOICE

15039

DATE

5/4/22

PRESENTING CLINICAL SIGNS

Presented for exam and vaccines with complaints of arthritis/discomfort in spine. Radiographs showed possible opacity in right cranial lung near spine (4-5th T Vert).

Abnormal PE/Chem/CBC/UA Results: N/A

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN AND LIMITED STUDY OF THE THORAX**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 changes was 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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. Minor pyelectasia was present in the left kidney. The left kidney measured 7.5 cm in length. The right kidney measured 8.0 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 0.65 cm width at the caudal pole and 0.71 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 0.58 cm width at the caudal pole and 0.57 cm width at the cranial pole.

Spleen

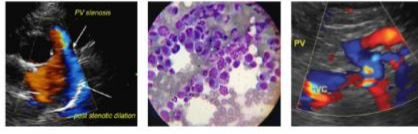
The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/ Gallbladder

The liver exhibited potential for minor generalized enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with moderate nondependent to. mildly congealed. The gallbladder walls were mildly prominent with increased sectorial mural echogenicity. The debris appeared to extend into the area of the cystic biliary duct without evidence of cystic biliary or common bile duct dilation. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

**PATIENT**

Melah Micallef

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 ventral gastric body wall measured 0.43 cm.

SPECIES

Canine

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 measured 0.52 cm.

BREED

German Shepherd

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

SEX

FS

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 were evident.

AGE

11 years

Free Abdomen

Enlarged non-homogeneous to cystic lymph node was present just caudal to the iliac trifurcation, measuring 5.5 cm x 3.6 cm. Potential additional minor medial iliac, hypogastric or sublumbal lymphadenopathy possible. The lymph node did not appear to obstruct blood flow in the iliac vasculature.

WEIGHT

104 lbs.

Other

Brief sonographic assessment of the cranial left and right thorax revealed normal curvilinear lung interface without overt evidence of pulmonary pathology or effusion.

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP (Canine
and Feline)**ULTRASONOGRAPHIC FINDINGS**

- Enlarged nonhomogeneous to cystic lymph node or less likely undifferentiated mass in the area of the iliac trifurcation
- Mild age-related kidneys
- Subjective mild hepatomegaly- overtly benign
- Moderate gallbladder debris, potential for chronic cholecystitis

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging MI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The primary finding in the abdomen of the enlarged nonhomogeneous to cystic lymph node at the level of the iliac trifurcation versus undifferentiated mass may indicate chronic lymphadenitis or neoplastic versus metastatic lymphadenopathy.

REFERRING VET

Milford VC

Ultrasound guided FNA of the likely lymph node for screening cytology as well as thorough rectal palpation for evidence of anal sac pathology or masses suggested. Assessment of hepatic enzyme levels recommended with potential hepatosupportive medications, including ursodiol therapy given the gallbladder presentation. If evidence of cholestasis, although obvious pathology in the area of the thorax was not noted (subjectively the potential abnormality is suggestive of possible spondylosis), the possibility of a small non-visualized lesion, surrounded by aerated lung cannot be definitively excluded.

INVOICE

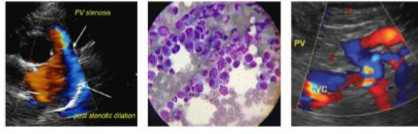
15039

DATE

5/4/22

IMAGING PERFORMED BY

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



PATIENT

Melah Micallef

SPECIES

Canine

BREED

German Shepherd

SEX

FS

AGE

11 years

WEIGHT

104 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging MI

REFERRING VET

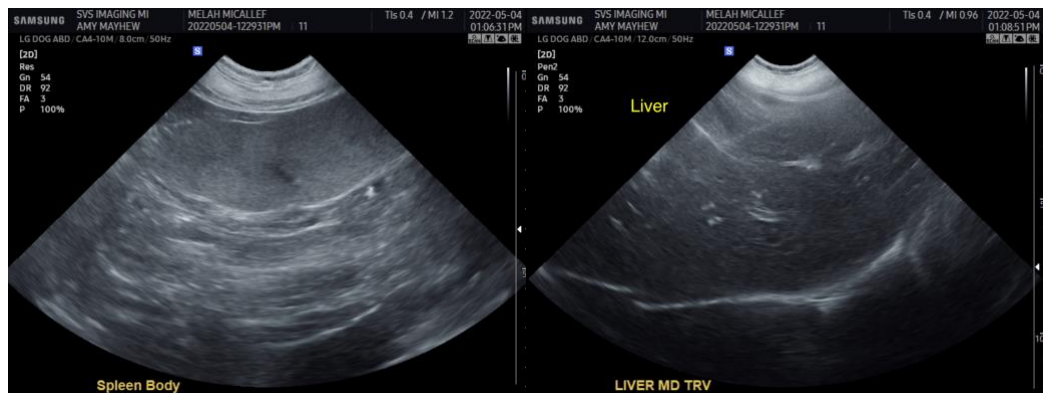
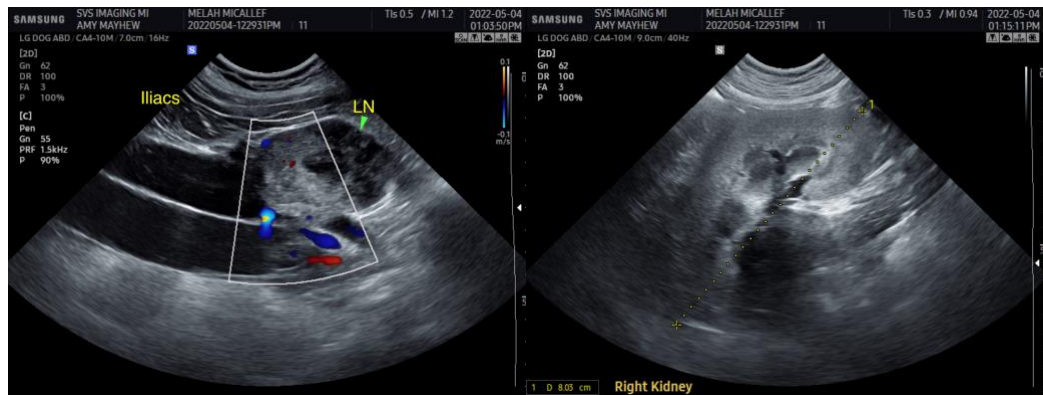
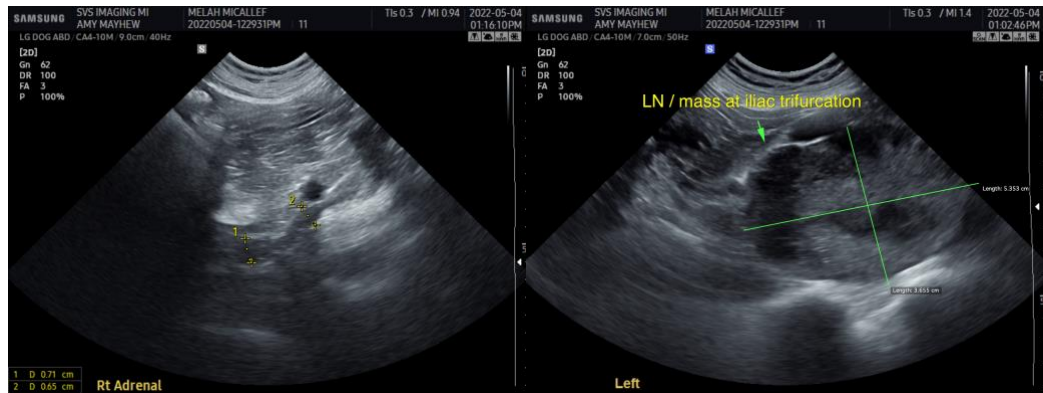
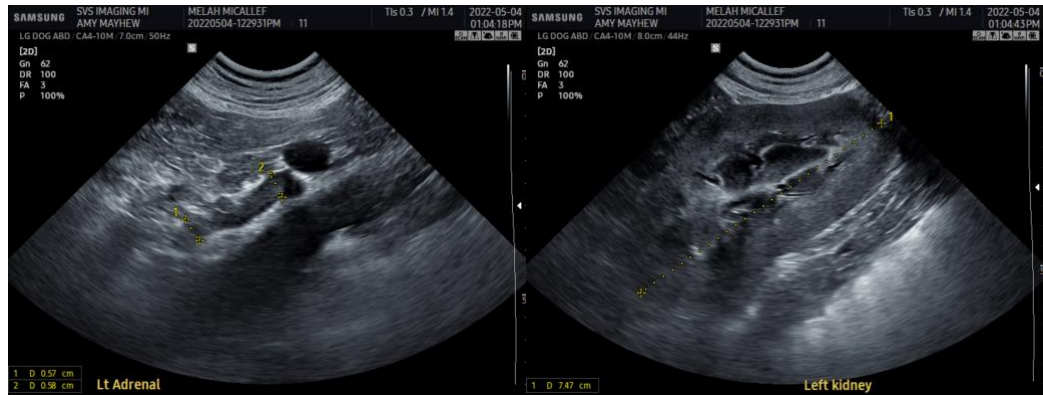
Milford VC

INVOICE

15039

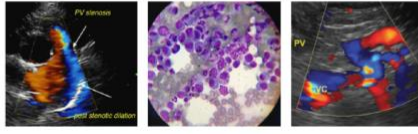
DATE

5/4/22



IMAGING PERFORMED BY

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



PATIENT

Melah Micallef

SPECIES

Canine

BREED

German Shepherd

SEX

FS

AGE

11 years

WEIGHT

104 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging MI

REFERRING VET

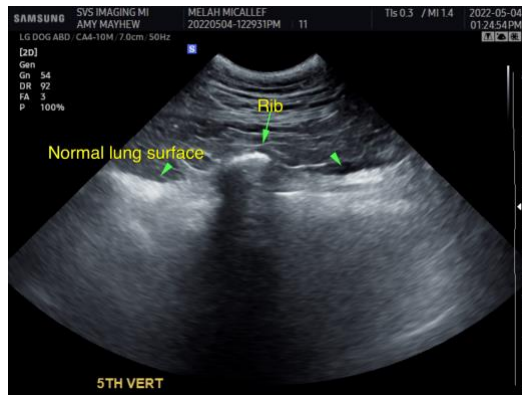
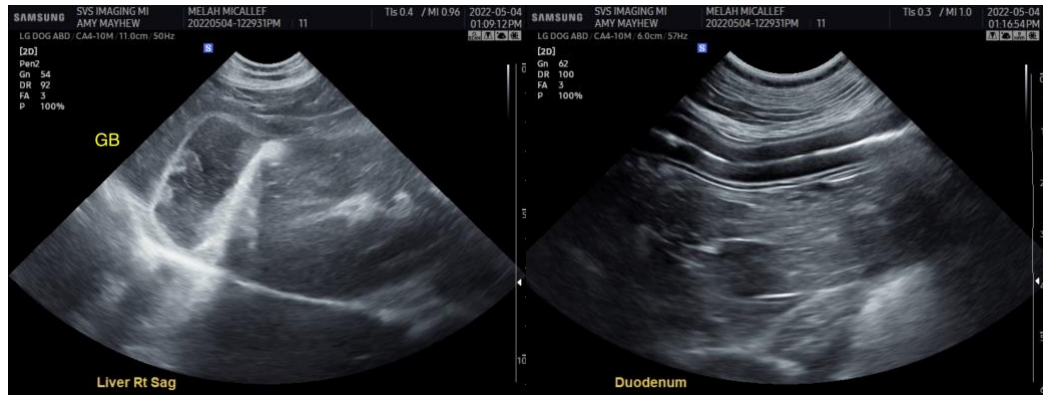
Milford VC

INVOICE

15039

DATE

5/4/22



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