



PATIENT

Zoey Swan

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

12 Years

WEIGHT

80 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

Dr. Griffin

INVOICE

15268

DATE

04/20/26

PRESENTING CLINICAL SIGNS

Patient has recently developed pu/pd. Patient has dental disease and owner is concerned about anesthesia

PE: Generalized alopecia with thin skin, grade 4/6 heart murmur Rads: VHS 11.29, no obvious thoracic mass
CHEM: Lipase 2155, GGT15, AMYL 451 CPL >2000 BP 187/123 (153), 173/95 (145), 173/123 (136)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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 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 3.7 cm in length. The right kidney measured 4.3 cm in length.

Adrenal Glands

Bilateral symmetrical adrenal gland enlargement with mildly heterogeneous nonmineralized parenchyma was present. The left adrenal gland measured 0.70 cm width at the caudal pole. The right adrenal gland measured 0.72 cm width at the caudal 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 presented subjective mildly enlarged in size. 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. A solitary noncapsule deforming nonhomogenous dorsal intraparenchymal nodule was present adjacent to the gallbladder measuring 2.1 cm in diameter.

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

Gastrointestinal



PATIENT

Zoey Swan

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

12 Years

WEIGHT

80 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

Dr. Griffin

INVOICE

15268

DATE

04/20/26

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 pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

Heart

Brief subjective echocardiogram revealed thickened mitral valve leaflets and associated secondary subjective moderate to significant eccentric MR. Moderate subjective increased LA dimension based on LA2D measurement with LA dimension measuring approximately 3.2 cm in diameter. Subjective concurrent mildly thickened mitral valve leaflets with normal RA/RV dimension. Subjective adequate LV systolic function. No overt cardiac tumors or pericardial effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Bilateral chronic renal changes.
- Bilateral adrenomegaly.
- Subjective benign hepatomegaly.
- Nonorganized gallbladder debris (non-mucocele).
- Mild pancreatic remodeling.
- Chronic mitral valve disease with subjective moderate LA enlargement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full adrenal workup with LDDST give the adrenal presentation in conjunction with PU/PD. Chronic pancreatitis may be suspected if cranial abdomen/subxiphoid discomfort on palpation or if clinical signs are suggestive of chronic pancreatitis. Although based on subjective assessment, Pimobendan 0.3 mg/kg BID +/- lowest effective dose diuretic therapy if clinical signs are consistent with emerging left-sided congestion i.e. elevated resting respiration rate, radiographic pulmonary edema, exercise intolerance, etc. is suggested.

3. Anesthetic risk is considered moderate: due to left atrial enlargement.

1. However, anesthesia still may be done with careful monitoring for heart rate, SpO₂, and blood pressure, and CO₂.
2. A complete echocardiogram should be strongly considered for this patient prior to anesthetic and surgical procedures.
3. There is a significant increased risk of complications during anesthesia.



PATIENT

Zoey Swan

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

12 Years

WEIGHT

80 pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Griffin

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

Dr. Griffin

INVOICE

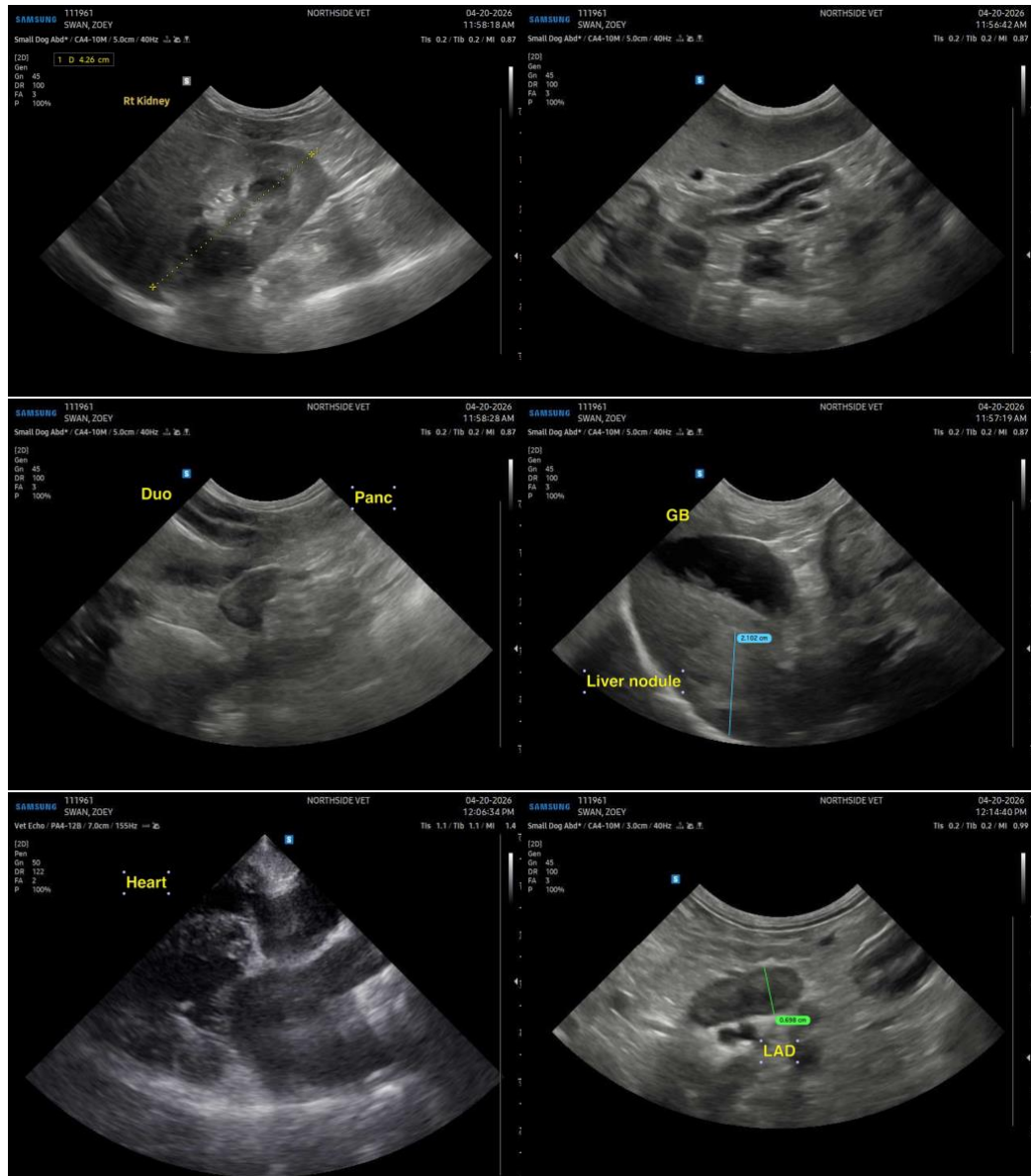
15268

DATE

04/20/26

- If not currently instituted, Pimobendan for 3-5 days prior to consideration for anesthesia is recommended.

Suggested anesthetic protocol may include opioid or Benzodiazepine pre-med, induction with Propofol or Alfaxalone, and appropriate gas anesthesia with avoidance of alpha 2 agonists.





PATIENT

Zoey Swan

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

12 Years

WEIGHT

80 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

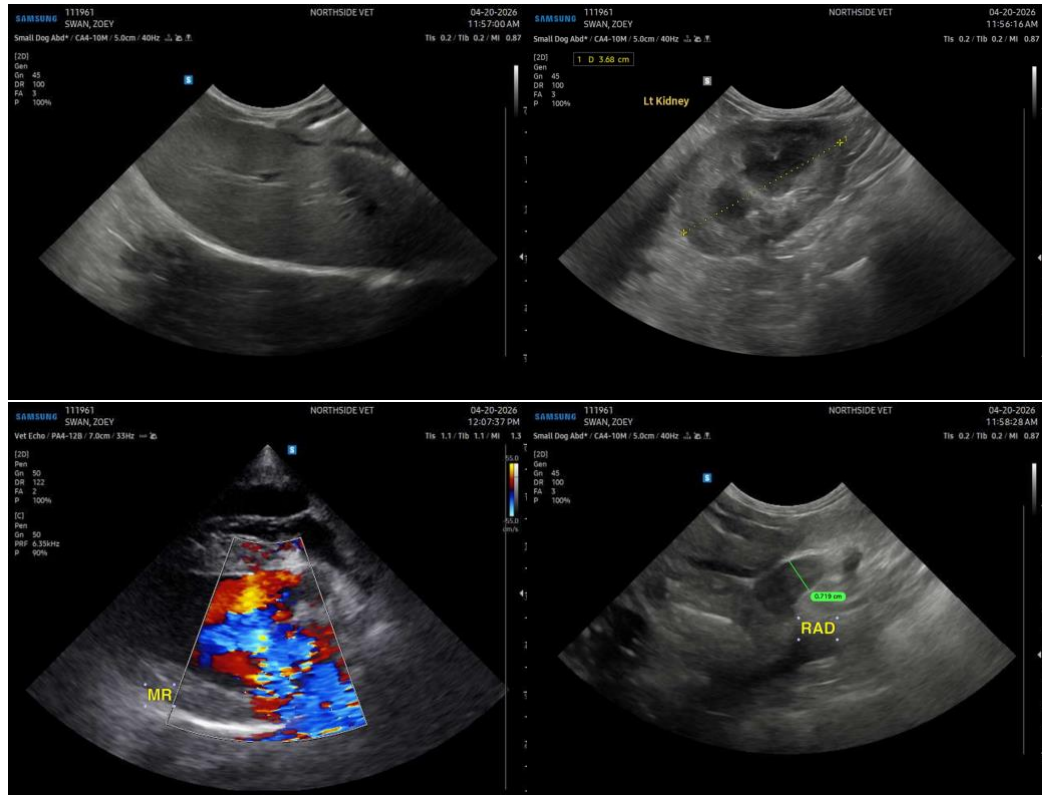
Dr. Griffin

INVOICE

15268

DATE

04/20/26



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