



PATIENT	PRESENTING CLINICAL SIGNS
Ellie Waszczak	ALKP 224 on 11/7/2025 Patient started on Denamarin. ALKP 349 , ALT 153
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted. The urethra exhibited normal structure and tone to a depth of 3.0 cm.
Golden Doodle	
SEX	
Female Spayed	
AGE	No evidence of pathology in the area of the aortic trifurcation.
8yr 3m	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 5.5 cm in length. The right kidney measured 5.6 cm in length.
WEIGHT	
63 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.52 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.63 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Griffin	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.
HOSPITAL NAME	Liver/ Gallbladder
Northside VC	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 containing primarily anechoic content with mild, nonorganized gallbladder debris. The cystic and common bile ducts were normal.
REFERRING VET	
Griffin	
INVOICE	
10475	
DATE	
12/17/25	



PATIENT

Ellie Waszczak

SPECIES

Canine

BREED

Golden Doodle

SEX

Female Spayed

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8yr 3m

WEIGHT

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INTERPRETED BY

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DVM, DABVP
(Canine and Feline)

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty without evidence of retained ingesta, fluid, 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 were evident.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

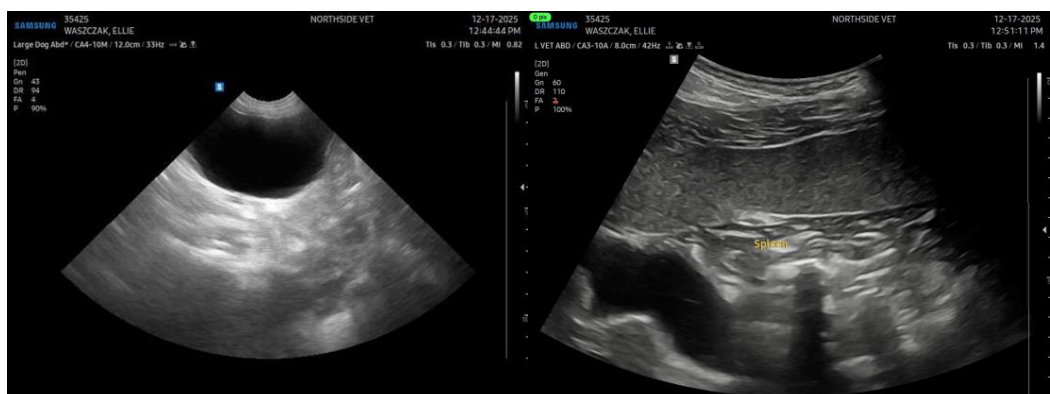
ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable normal volume liver
- Mild nonorganized gallbladder debris (non mucocele)
- Normal bilateral adrenal glands

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The liver is most consistent with benign hepatopathy criteria. Vacuolar changes, nonobstructive cholestasis, inflammatory, infectious, or immune-mediated disease, toxic hepatopathy, i.e., copper or other, are all potentials. There is no evidence of hepatic neoplastic criteria.

Initial ultrasound-guided FNA cytology could be considered, assuming normal clotting status. Definitive diagnosis would require biopsies for histopathology and copper assessment. If the patient is nonclinical, hepatosupportive medications including Denamarin and Ursodiol with monitoring would be reasonable.





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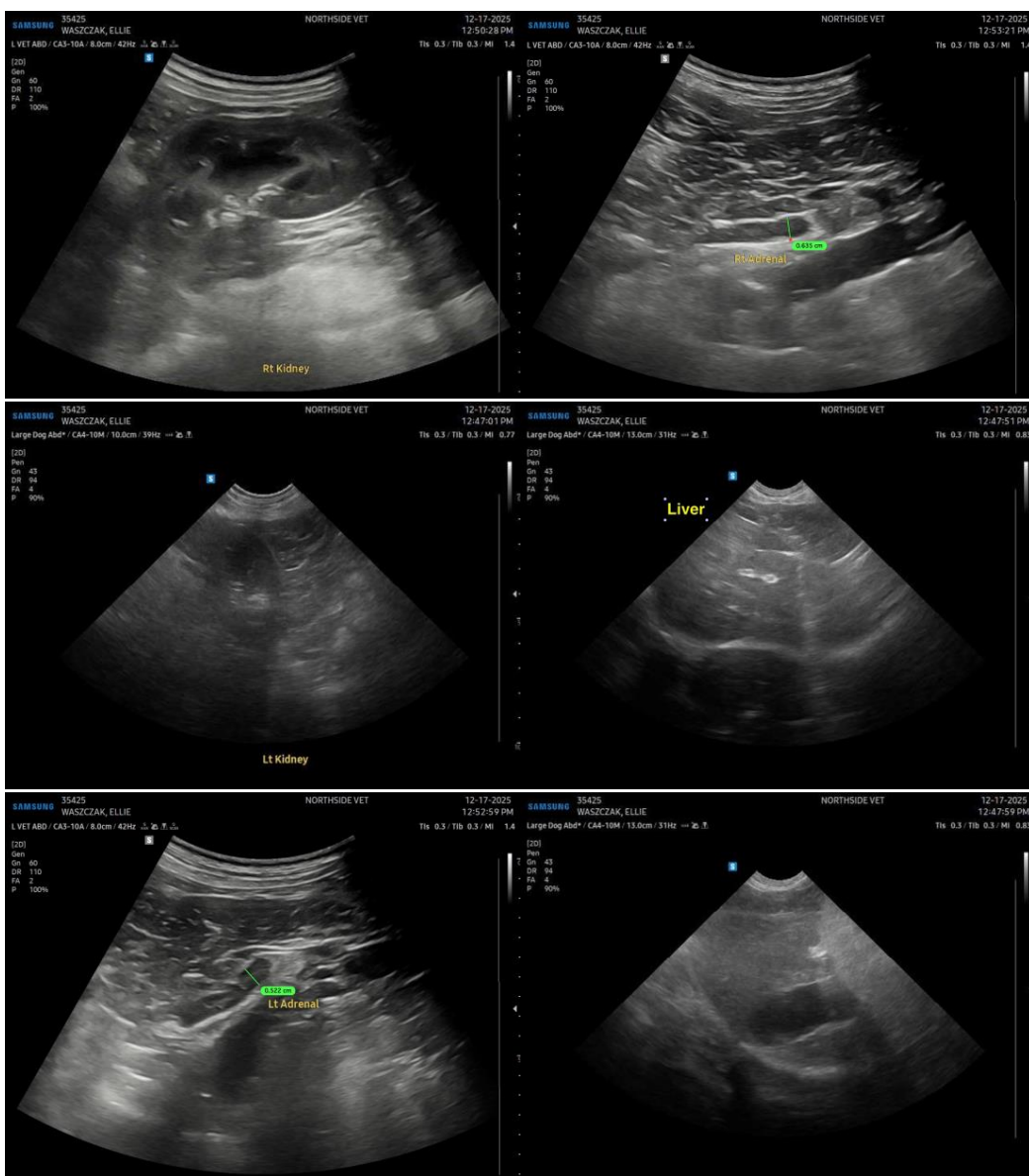
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@sonopath.com