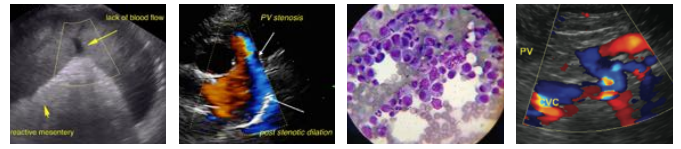


PATIENT	PRESENTING CLINICAL SIGNS
Coco Howard	Check adrenals
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder , trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.
Shih Tzu	
SEX	The left kidney measured 3.6 cm with increased cortical echogenicity. There was some loss of corticomedullary definition and echogenic remodeling. The left kidney revealed pyelectasia. There was no evidence of obstruction. The right kidney revealed similar changes to the left and measured 3.66 cm.
Spayed female	
AGE	Adrenal Glands
8 years	The left adrenal gland was enlarged, swollen and hypoechoic measuring 1.83 x 0.76 cm at the cranial pole and 0.74 cm at the caudal pole. The right adrenal gland was enlarged and measured 2.15 x 0.92 cm at the cranial pole and 0.81 cm at the caudal pole with heterogenous, hyperechoic nodule in the cranial aspect of the right adrenal gland.
INTERPRETED BY	
Eric Lindquist, DMV DABVP, Cert. IVUSS	
IMAGING PERFORMED BY	Spleen
Eric Lindquist, DMV DABVP, Cert. IVUSS	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.
HOSPITAL NAME	
Butler VH	
REFERRING VET	Liver
Dr. Garro	The liver images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.
INVOICE	
46600	
DATE	Gastrointestinal
8/15/23	Examination of the gastrointestinal tract revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of



PATIENT

Coco Howard

obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

SPECIES

Canine

Pancreas

The **pancreas** revealed heterogenous, mixed echogenic remodeling. History of pancreatitis is likely.

BREED

Shih Tzu

ULTRASONOGRAPHIC FINDINGS

Bilateral adrenal hypertrophy with heterogenous right adrenal gland. Suspect emerging PDH/Cushing's.

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Baseline ACTH level or full adrenal panel to the University of Tennessee. Cushing's is likely driving proteinuria or at least contributing. Other causes of proteinuria such as infectious disease could be considered. Doxycycline trial, diet change to a hydrolyzed diet and GI protectants would also likely be indicated. Focusing primarily on the GI tract is recommended.

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

HOSPITAL NAME

Butler VH

REFERRING VET

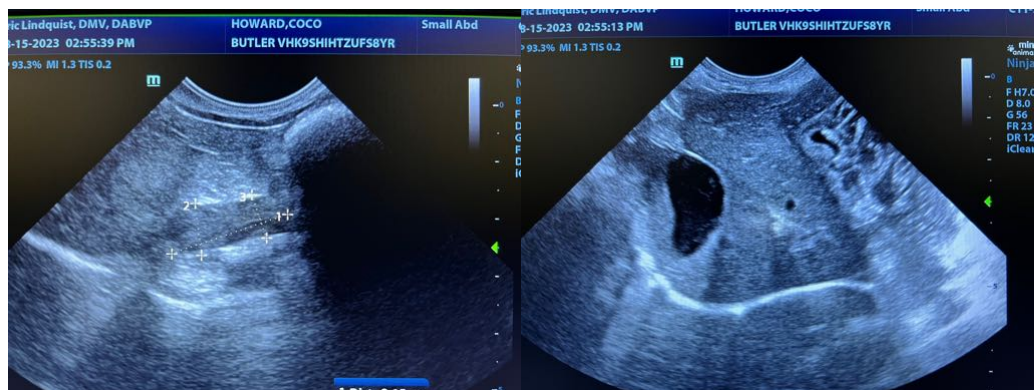
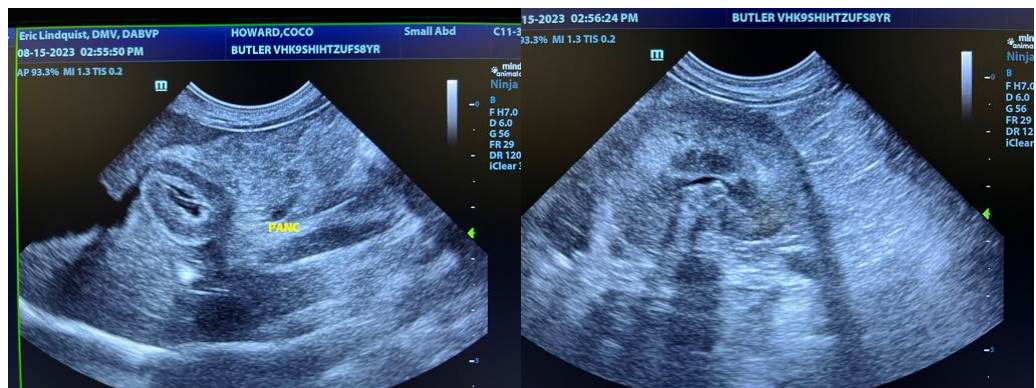
Dr. Garro

INVOICE

46600

DATE

8/15/23





PATIENT

Coco Howard

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

8 years

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

HOSPITAL NAME

Butler VH

REFERRING VET

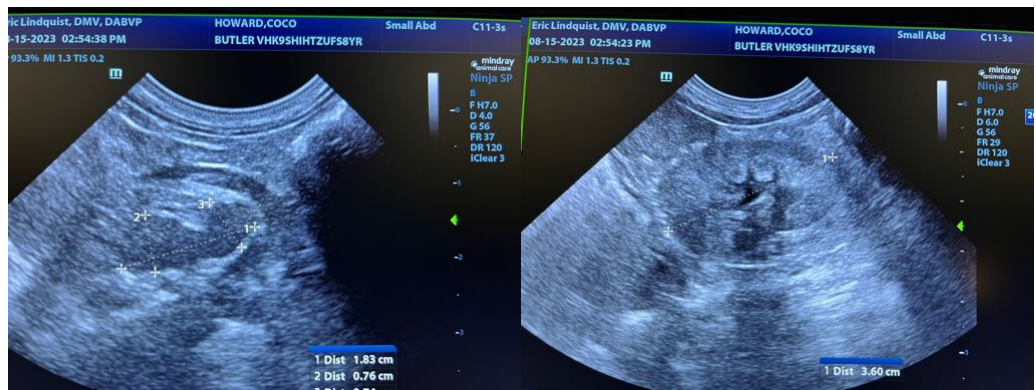
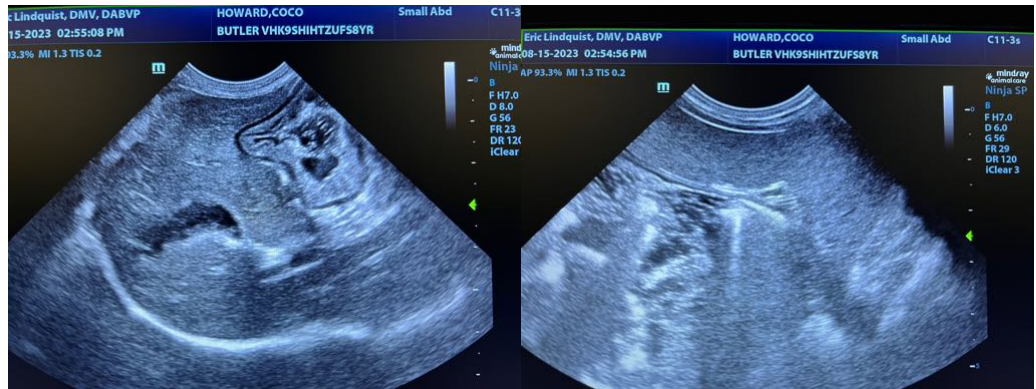
Dr. Garro

INVOICE

46600

DATE

8/15/23



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Info@SonoPath.com