



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Bodhi Werner

History: Presented for acute onset vomiting and diarrhea on 4/4. Full abdomen, difficult to palpate due to size.

**SPECIES**

Abnormal PE/Chem/CBC/UA Results: CBC/Chem/Lytes/cPL: normal except BUN 29, Chol 379. RADS: intestines pushed caudally and to the R side. Indistinct soft tissue opacity caudal to stomach. Marked spondylosis.

Canine

**BREED**

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Goldendoodle

**Urinary System**

**SEX**

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.

Neutered male

**AGE**

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney revealed cortical collapse/infarct at the dorsal cortex. Pinpoint mineralization was noted. The right kidney measured 6.5 cm. The left kidney measured 7.38 cm. A cortical infarct was noted at the caudal pole of the left kidney.

11 ½ years

**WEIGHT**

86 lbs

**INTERPRETED BY**

**Adrenal Glands**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

The left **adrenal gland** was enlarged, nodular and irregular. A swelling was noted at the cranial body. The left adrenal gland measured 3.8 x 1.93 cm at the cranial pole and 0.82 cm at the caudal pole. The left adrenal gland was imaged from the right and left side. There was no evidence of vascular invasion noted.

**IMAGING PERFORMED BY**

**Spleen**

Dr. Ebersole

The **spleen** was slightly enlarged and slightly heterogenous, yet uniform. The spleen was folded upon itself. There was no evidence of masses noted. .

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

**Liver**

Dr. Bennett

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**

98088

**DATE**

4/6/22



**PATIENT**

Bodhi Werner

**Gastrointestinal**

**SPECIES**

Canine

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**BREED**

Goldendoodle

**Pancreas**

**SEX**

Neutered male

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**AGE**

11 ½ years

**Free Abdomen**

A large amount of abdominal fat was noted in this patient.

**WEIGHT**

86 lbs

**ULTRASONOGRAPHIC FINDINGS**

Renal infarcts.

Enlarged, nodular left adrenal gland. Pheochromocytoma, adenocarcinoma, adenoma and hyperplasia are all possible.

Slightly enlarged and slightly heterogenous spleen.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The left adrenal gland appears resectable and mildly vascular. Serial blood pressure measurements are warranted. If hypertension is present then urine catecholamine is indicated. If urine catecholamine is elevated then left adrenalectomy is indicated. If Cushingoid then work-up for adrenal dependent Cushing's is indicated. However, this may be a benign variant. There was no overt evidence of neoplasia. There were no overt masses. The mass effect upon palpation and/or radiographs may be owing to splenic fold and/or large amount of abdominal fat. Treatment for GI upset should prove effective. However, adrenal work-up is indicated.

**IMAGING PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Bennett

**INVOICE**

98088

**DATE**

4/6/22



**PATIENT**

Bodhi Werner

**SPECIES**

Canine

**BREED**

Goldendoodle

**SEX**

Neutered male

**AGE**

11 ½ years

**WEIGHT**

86 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

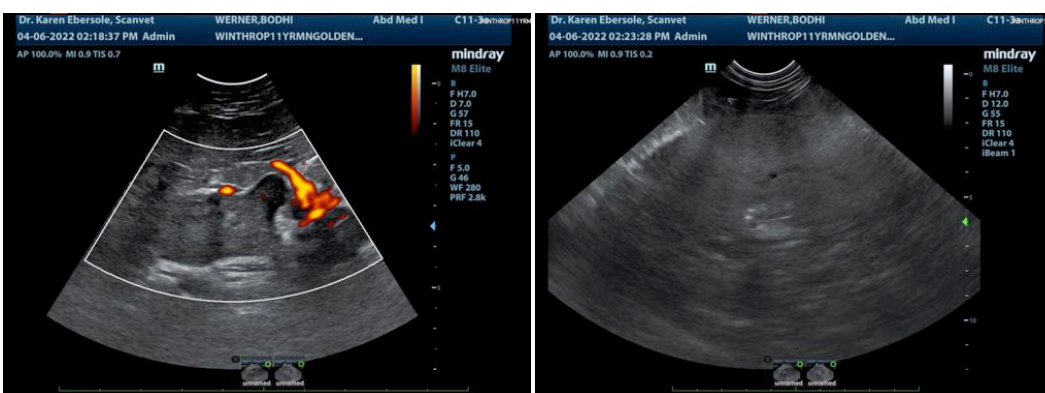
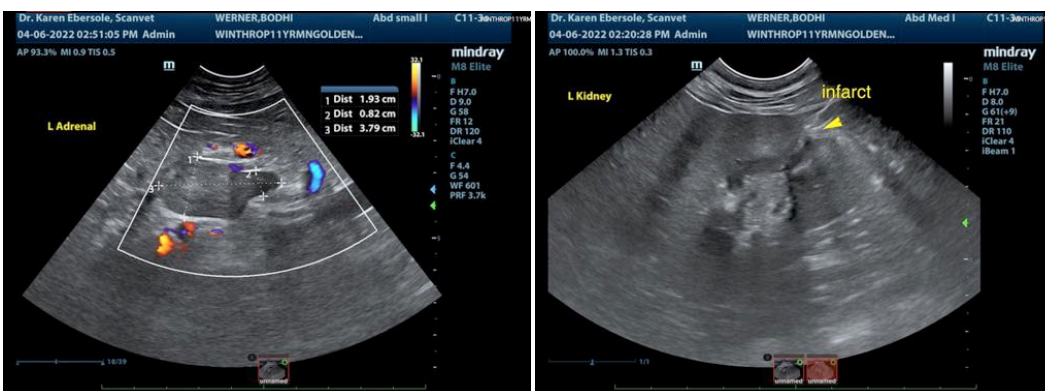
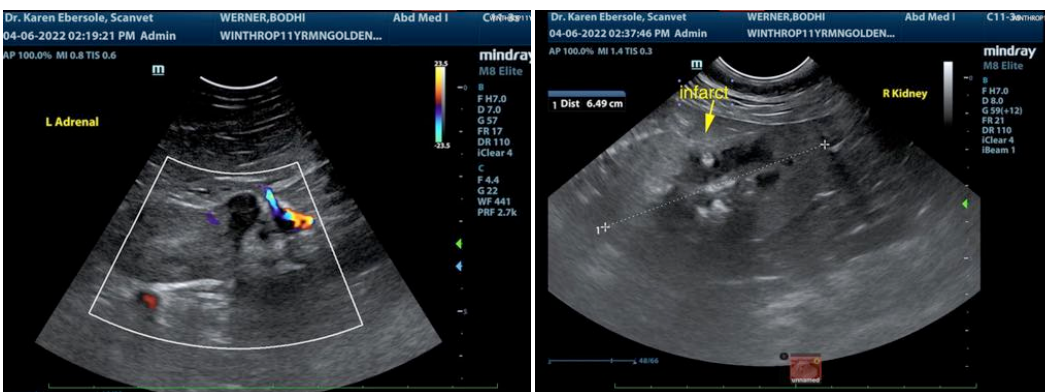
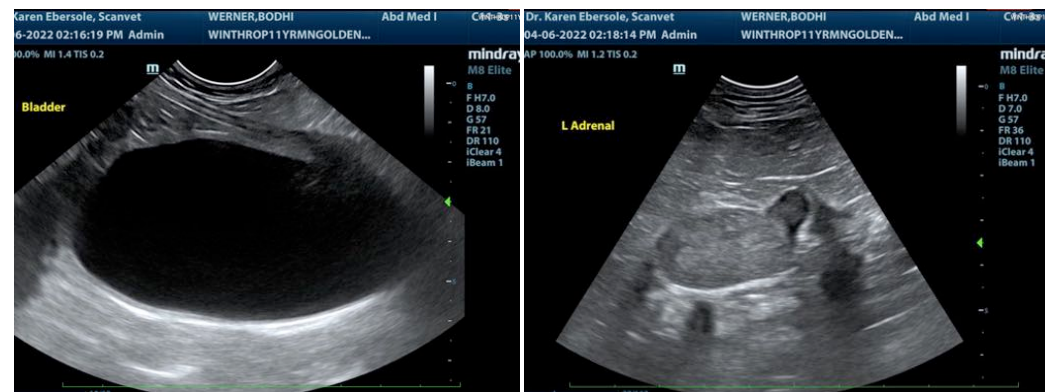
Dr. Bennett

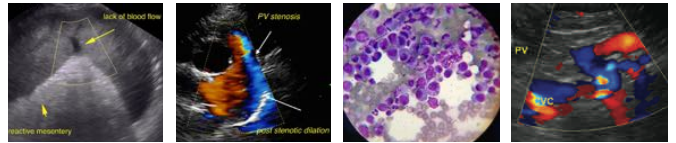
**INVOICE**

98088

**DATE**

4/6/22





**PATIENT**

Bodhi Werner

**SPECIES**

Canine

**BREED**

Goldendoodle

**SEX**

Neutered male

**AGE**

11 ½ years

**WEIGHT**

86 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

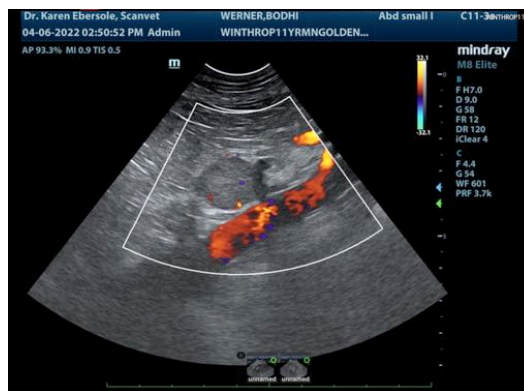
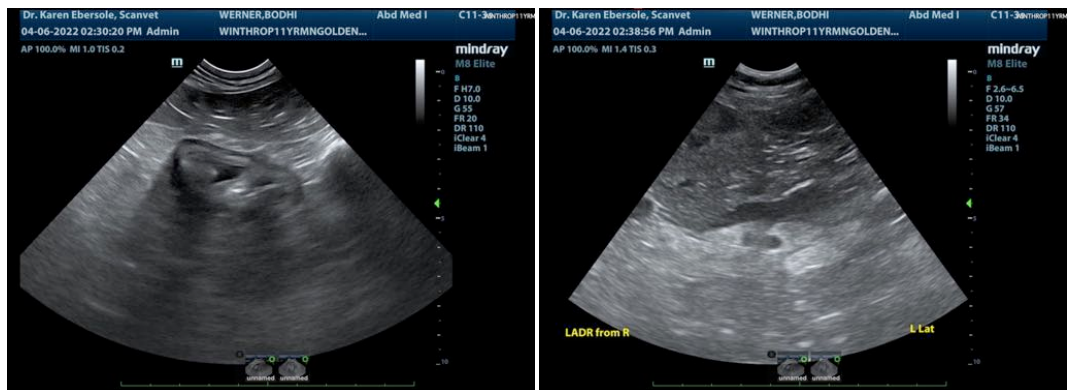
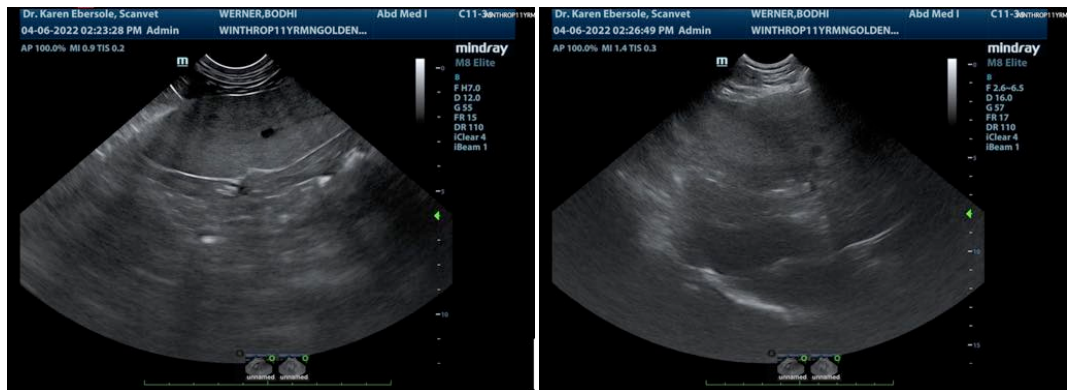
Dr. Bennett

**INVOICE**

98088

**DATE**

4/6/22





**PATIENT**

Bodhi Werner

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.

**SPECIES**

Canine

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.

**BREED**

Goldendoodle

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

**SEX**

Neutered male

**AGE**

11 ½ years

**WEIGHT**

86 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Bennett

**INVOICE**

98088

**DATE**

4/6/22