



**PATIENT**

Brady Marchan

**SPECIES**

Canine

**BREED**

Beagle

**SEX**

Neutered male

**AGE**

4 years

**WEIGHT**

47.9 lbs

**PRESENTING CLINICAL SIGNS**

History: acute vomiting beginning on 12/11 and progressing to severe lethargy, inappetence, PU/PD, fever (103.5). On PPG, baytril, cerenia, famotidine, IVF, thyroxin. Frequently on Prednisone and cephalexin for allergic skin dz.

Abnormal PE/Chem/CBC/UA Results: 11/4 : routine BW showed ALT 148 and ALKP 396; 12/13: BG 376, BUN 33, Creat 1.5, ALKP 1150, GGT 12, amylase >2500, lipase 5346, K+ 2.7, Cl 101; UA and left pending;

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 7.83 cm. The left kidney measured 6.9 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Diane McFadden,  
RVT

**HOSPITAL NAME**

Midland Park VH

**REFERRING VET**

Dr. Shokoff

**INVOICE**

94589

**DATE**

12/14/21

*Adrenal Glands*

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.27 x 0.59 cm at the caudal pole and 0.46 cm at the cranial pole. The right adrenal gland measured 2.47 x 0.47 cm at the caudal pole and 1.15 cm at the cranial pole.

*Spleen*

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

*Liver*

The **liver** was uniformly enlarged and hypoechoic. This is likely reactive. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



**PATIENT**

**Gastrointestinal**

Brady Marchan

The **gastrointestinal tract** was structurally unremarkable with minor areas of luminal fluid. However, there was no evidence of foreign body or neoplastic criteria.

**SPECIES**

Canine

**Pancreas**

**BREED**

Beagle

The **pancreas** is enlarged, irregular and hypoechoic in the left limb with hyperechoic surrounding fat and regional free fluid. The right limb of the pancreas also revealed mixed, hypoechoic parenchymal changes with hyperechoic surrounding fat.

**SEX**

Neutered male

**ULTRASONOGRAPHIC FINDINGS**

Extensive pancreatitis.

**AGE**

4 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Plasma expanders, broad spectrum antibiotics and pain management would be warranted. A recheck sonogram is recommended in 3 days. 24 hour n.p.o. followed by trickle feeding is recommended.

**WEIGHT**

47.9 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Diane McFadden,  
RVT

**HOSPITAL NAME**

Midland Park VH

**REFERRING VET**

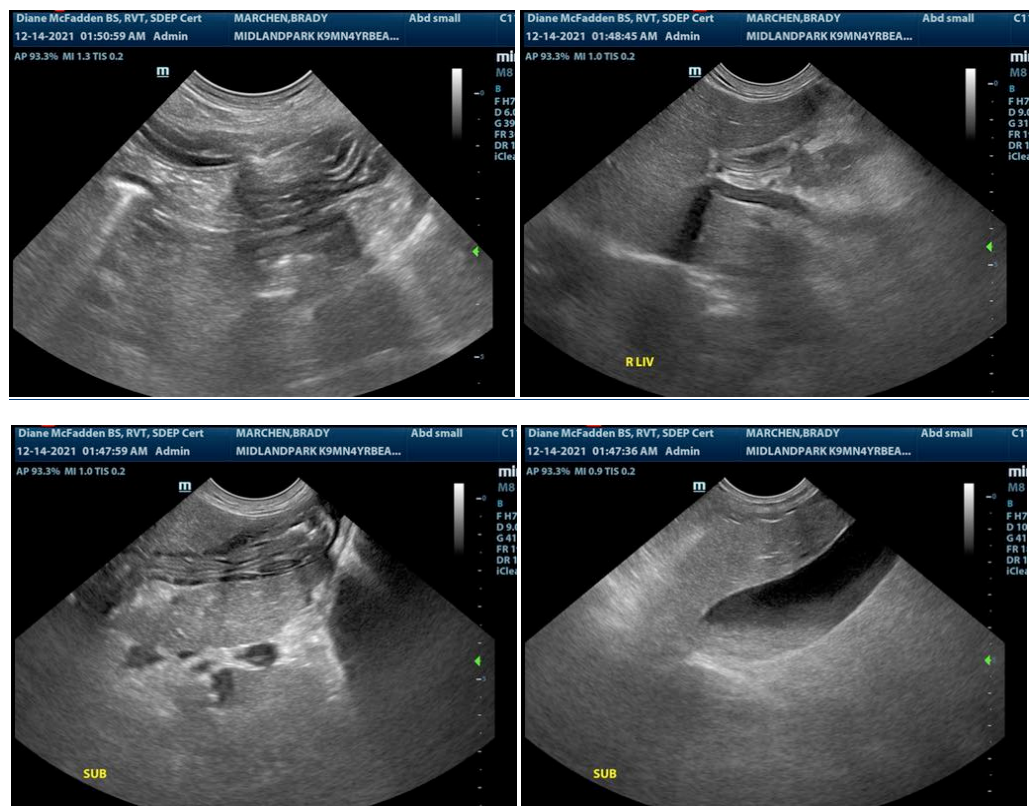
Dr. Shokoff

**INVOICE**

94589

**DATE**

12/14/21





**PATIENT**

Brady Marchan

**SPECIES**

Canine

**BREED**

Beagle

**SEX**

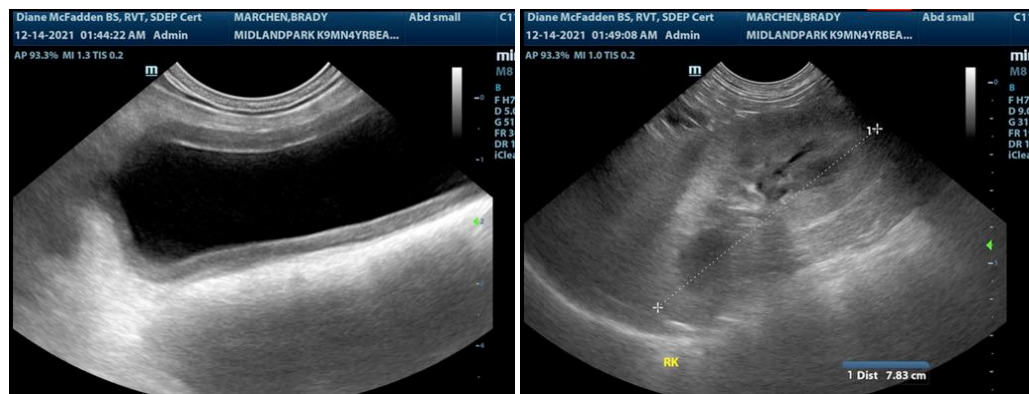
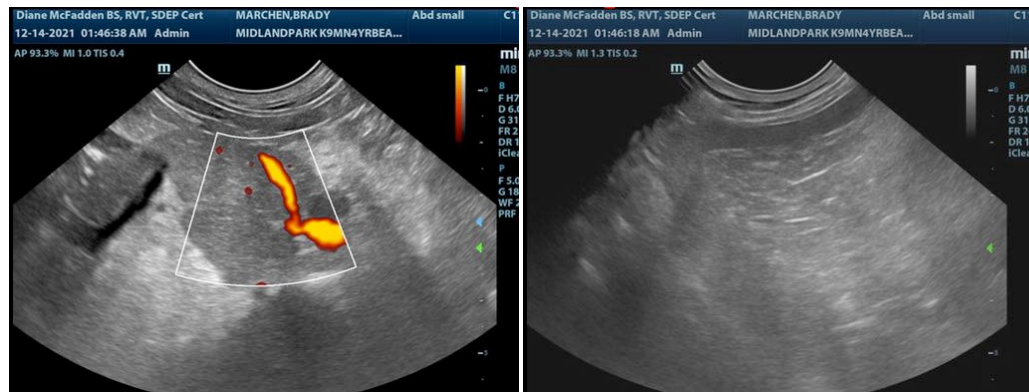
Neutered male

**AGE**

4 years

**WEIGHT**

47.9 lbs



**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Diane McFadden,  
RVT

**HOSPITAL NAME**

Midland Park VH



**REFERRING VET**

Dr. Shokoff

**INVOICE**

94589

**DATE**

12/14/21

The information and recommendations provided are based on the images presented by the referring veterinarian. 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