



PATIENT

Molly Oliver

SPECIES

Canine

BREED

Pitbull

SEX

Spayed Female

AGE

6 Years

WEIGHT

22 kg

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Meghan Myers

HOSPITAL NAME

Hershey AEC

REFERRING VET

Dr. Kim Davidson

INVOICE

35185

DATE

1/3/25

PRESENTING CLINICAL SIGNS

History: Presenting for acute onset vomiting/regurgitation beginning yesterday afternoon with multiple episodes over ~12 hours, with shivering and cowering noted overnight; last emesis reported around 5:00 AM today. moderately tense and reactive on palpation. Approximately 6% dehydrated.

Abnormal PE/Chem/CBC/UA Results: CBC: stress leukogram (neutrophilia (12.97k), eosinopenia (0.01k)) Chem: hyperalbuminemia (4.1), elevated TP (8.3), ALP (821), TBili (6.4), hypercholesterolemia (379), ALT (6,712) EPOC: hypokalemia (3.4), hyperlactatemia (3.39), hyperglycemia (136) cPL: 74 (WNL) leptowitness: negative lepto PCR pending Radiographs 1. Mild gastric contents, suggestive of fluid, residual food and/or foreign material. 2. No radiographic signs of pyloric outflow obstruction, mechanical ileus or intestinal plication. 3. Microhepatica, suggestive of suggestive of suggestive normal anatomical variant, portosystemic shunt, microvascular dysplasia, less likely chronic hepatitis (cirrhosis, fibrosis).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 left kidney measured 6.2 cm. The right kidney measured 6.0 cm.

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 0.6 cm. The right adrenal gland measured 1.1 cm at the cranial pole and 0.65 cm at the caudal pole.

Spleen

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 were noted.

Liver

The **liver** was normal in size and contour with normal vascularity. Slight increased portal markings were noted. The gallbladder wall was slightly echogenic, yet the changes were subtle and minor.

Gastrointestinal



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

Pancreas

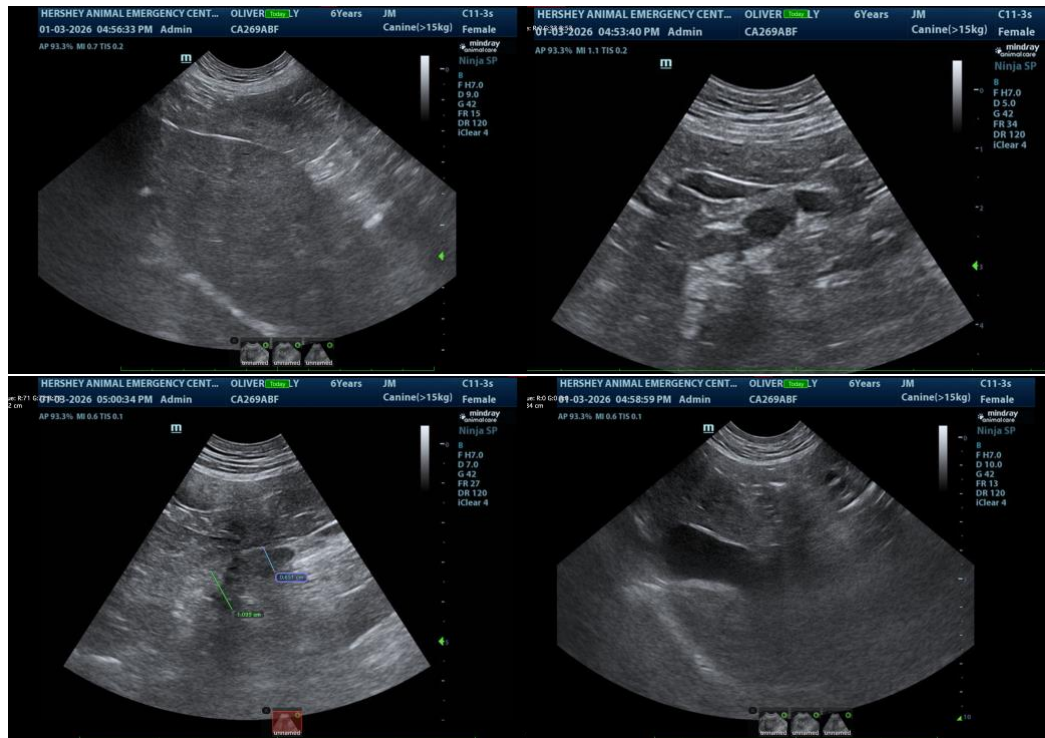
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Nonspecific GI and hepatic insult
- Structurally unremarkable abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Leptospirosis is a strong potential in this patient. IV ampicillin, plasma expanders, and GI protectants are all indicated. FNA of the liver is indicated for further definition or core biopsy after coagulation panel.





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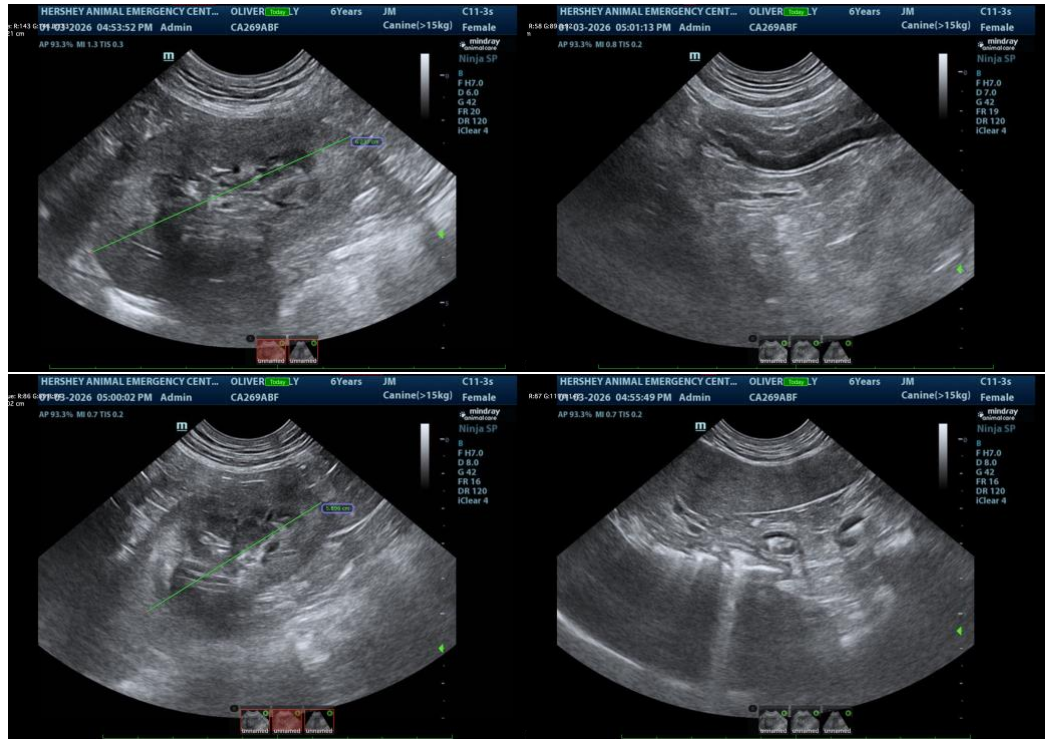
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com