

**DATE PRESENTING CLINICAL SIGNS**

7/28/23 Vomiting since July 21st, not eating, lethargic.

PATIENT

Current Medications: Cerenia.
 Date of Previous IntraPet Ultrasound: No previous.
 Sedation: Not required to complete full diagnostic ultrasound.
 Stat Report: Not requested.

Rosie Keller

SPECIES

Feline

Imaging Performed By: Rachel Brillhart, RDMS.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**BREED**

DSH

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 were noted. Ureteral papillae were normal.

SEX

Spayed Female

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 3.73 cm. The left kidney measured 3.67 cm.

AGE

11/12/16

Adrenal Glands**WEIGHT**

11.5 Pounds

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 right adrenal gland measured 0.42 cm. The left adrenal gland measured 0.30 cm.

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**Spleen**

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

HOSPITAL NAME

Madonna Vet Clinic

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. 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.

REFERRING VET

Dr. Smith

Gastrointestinal**INVOICE**

44463

Examination of the **gastrointestinal tract** revealed diffuse thickening of the muscularis layer with areas of inversion of the muscularis to mucosa ratio. Wall thickness measured up to 0.30 cm. The stomach and upper gastrointestinal tract were unremarkable with empty lumen. Reactive mesenteric lymph nodes noted, example measured 1.22 cm x 0.57 cm.

Pancreas

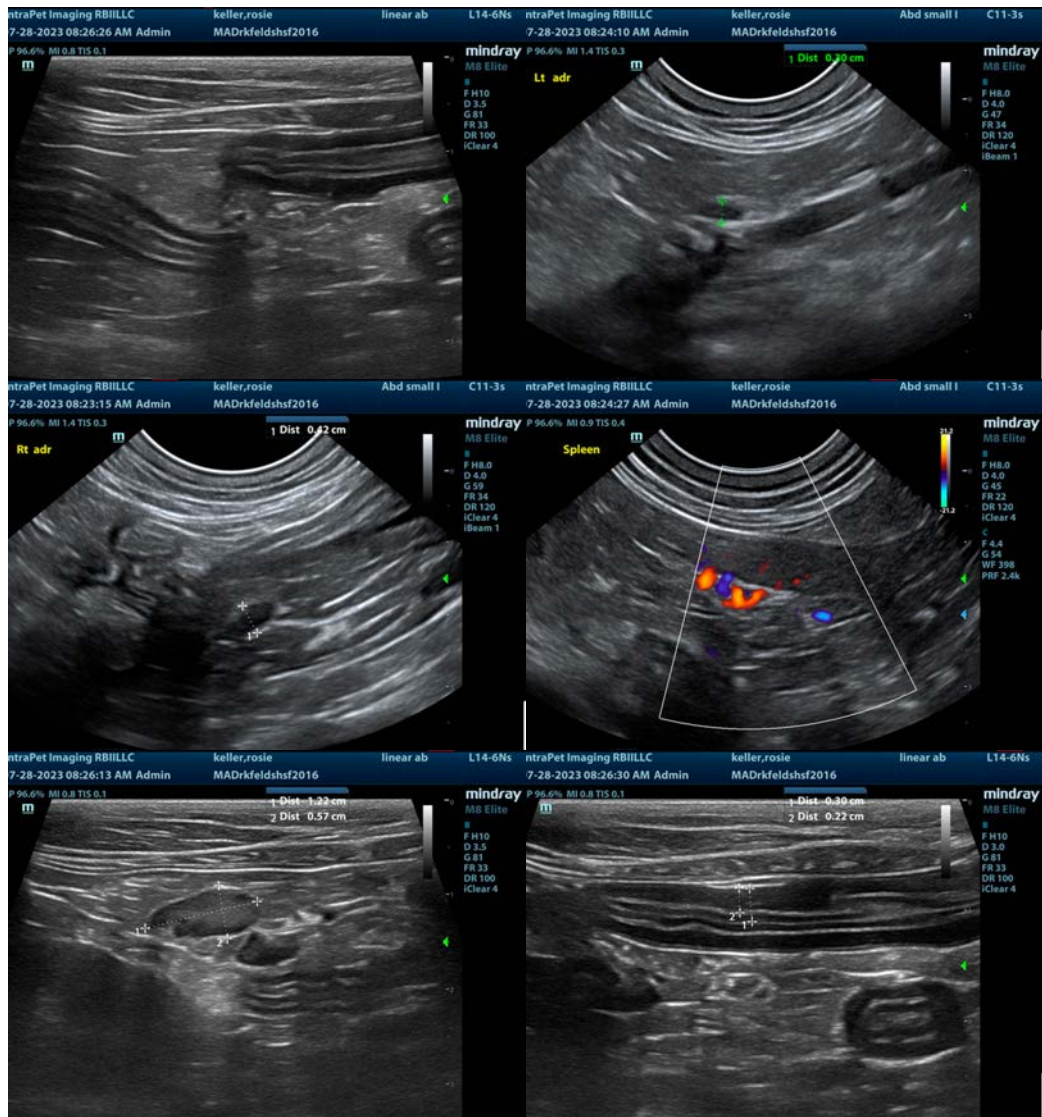
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Diffuse intestinal thickening with hypertrophied muscularis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Distal small intestinal and lymph node biopsies would be ideal. Likely inflammatory bowel. No overt neoplastic criteria noted. However, this may represent a pre-neoplastic state. IV fluid support, treatment for inflammatory bowel, assessment for pain related disease all indicated.





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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