



PATIENT PRESENTING CLINICAL SIGNS

Madeline Dezenzo

History: acute V/D. R/O pancreatitis vs gastroenteritis vs neoplasia. On P-lyte, metronidazole, cerenia.

Abnormal PE/Chem/CBC/UA Results: ALKP 256, CPL abnormal

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Maltese Mix

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.

SEX

Spayed Female

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 measured 4.19 cm. The left kidney measured 4.0 cm with pinpoint mineralization. Vascularity of the kidneys appeared to be adequate. Occasional cortical cyst was noted in the kidneys.

AGE

12 years

WEIGHT

13.6 lbs

Adrenal Glands

The left **adrenal gland** was enlarged, irregular and nodular measuring 1.0 cm at the cranial pole and 0.55 cm at the caudal pole and 1.92 cm in length. The left adrenal gland was particularly vascular. The right adrenal gland was normal in size and contour measuring 1.64 x 0.48 cm at the caudal pole and 0.91 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 was noted.

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

Rockaway AH

INVOICE

97796

Liver

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.

DATE

3/25/22



PATIENT

Gastrointestinal

Madeline Dezenzo

The **stomach** was edematous with a mild amount of fluid accumulation. There was no evidence of foreign bodies. There was no obvious ulcerative disease. However, microulcerative changes cannot be entirely ruled out. This is most consistent with gastritis. The intestines were intestine free of stasis with normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

BREED

Maltese Mix

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SEX

Spayed Female

AGE

12 years

ULTRASONOGRAPHIC FINDINGS

Enlarged, irregular left adrenal gland. Carcinoma versus pheochromocytoma and hyperplasia.

WEIGHT

13.6 lbs

Moderate degenerative renal changes.

Gastroenteritis.

Pancreatitis, low-grade.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Serial blood pressure measurements are warranted. Eventual left adrenalectomy would be ideal. Some level of pancreatitis may be present, yet in a low-grade chronic active form. The adrenal gland may be influencing the GI presentation.

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

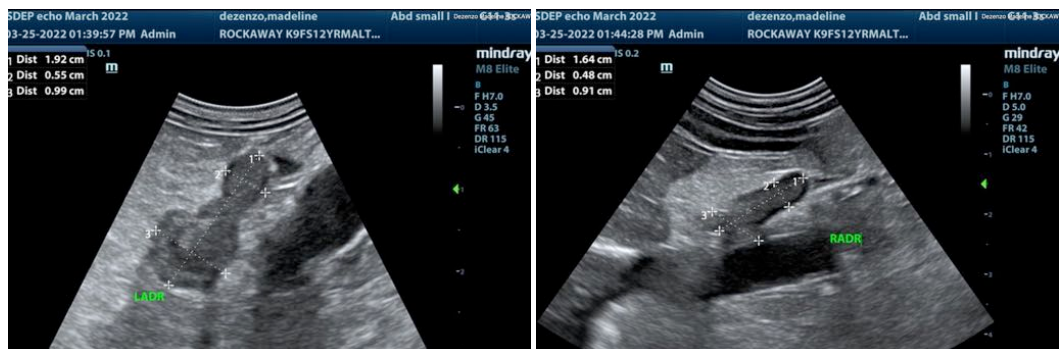
Rockaway AH

INVOICE

97796

DATE

3/25/22





PATIENT

Madeline Dezeno

SPECIES

Canine

BREED

Maltese Mix

SEX

Spayed Female

AGE

12 years

WEIGHT

13.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

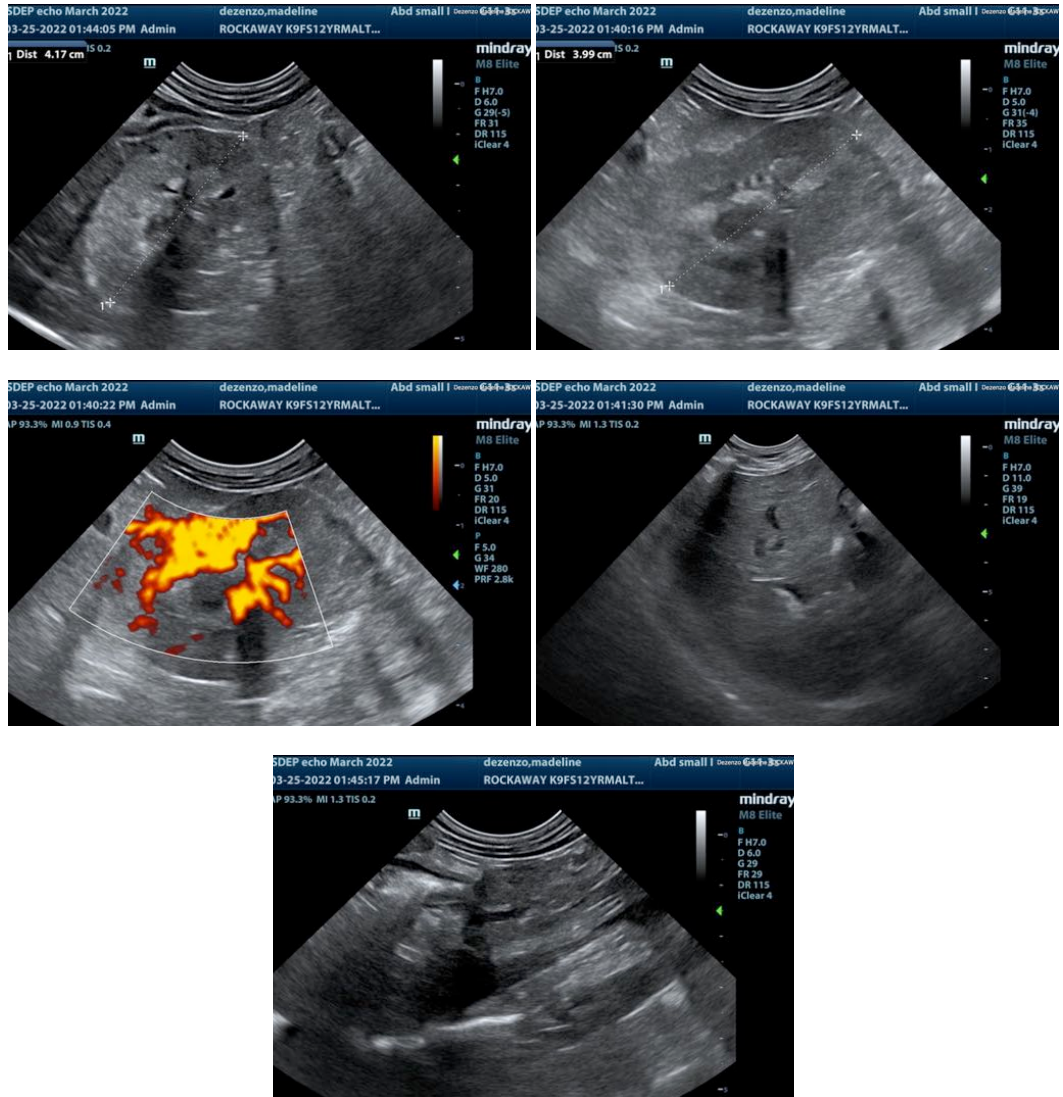
Rockaway AH

INVOICE

97796

DATE

3/25/22



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