



PATIENT

Chico Marder

SPECIES

Canine

BREED

Lab Mix

SEX

Neutered Male

AGE

12 Years

WEIGHT

63.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

16430

DATE

7/1/22

PRESENTING CLINICAL SIGNS

History: Gastric thickening, v/d

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 were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.5 cm. The left kidney measured 6.14 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 right adrenal gland measured 2.75 cm x 1.25 cm at the cranial pole and 0.66 cm at the caudal pole. The left adrenal gland measured 2.9 cm x 0.68 cm at the cranial pole and 0.71 cm at the caudal pole.

Spleen

The **spleen** revealed multifocal hypoechoic nodular changes with capsular expansion and disruptive architecture. The largest nodule measured up to 1.14 cm.

Liver

The **liver** was slightly irregular with mild increased portal markings. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **gastric wall** was thickened, measuring up to 1.2 cm with some loss of mural detail. The small intestine and colon were 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.

Free Abdomen

The mesenteric **lymph nodes** were enlarged, measuring up to 2.1 cm x 1.16 cm.

ULTRASONOGRAPHIC FINDINGS



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- Heterogeneous splenic changes and splenic nodules
- Mesenteric lymphadenopathy
- Gastric thickening
- Slight irregular liver with increased portal markings
- Age-related renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Strong concern for round cell neoplasia. FNA of the spleen +/- mesenteric lymph nodes and/or gastroscopy with mucosal biopsies all indicated. Guarded prognosis. Gastritis and reactive lymph nodes and nodular hyperplasia of the spleen is possible yet less likely.

SEX

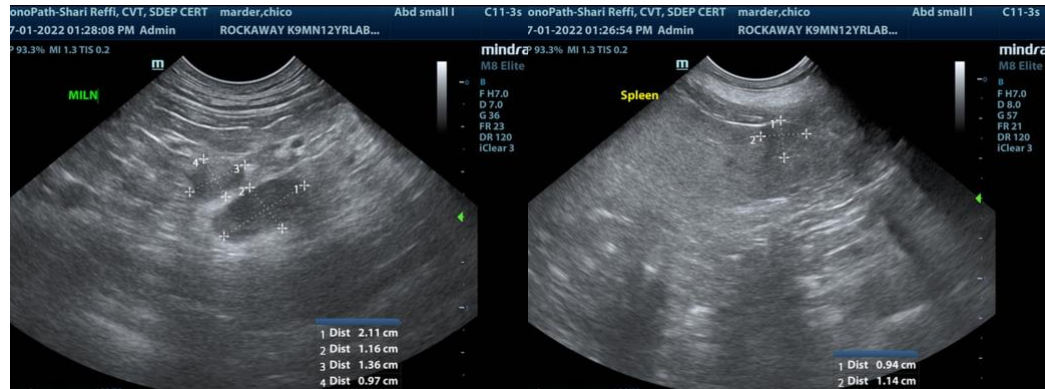
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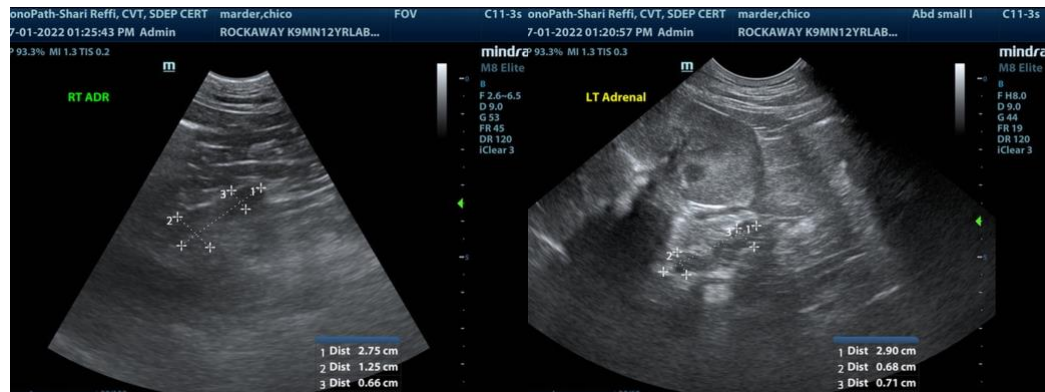
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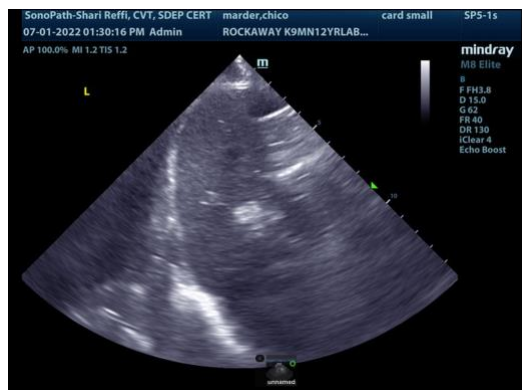
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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