



PATIENT

Missy Manero

PRESENTING CLINICAL SIGNS

History: lethargy, vomiting, anorexia

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Domestic Shorthair

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 4.04 cm. The left kidney measured 3.98 cm.

AGE

15 years

Adrenal Glands

WEIGHT

6.4 lbs

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 0.47 cm. The left adrenal gland measured 0.43 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Jessica Miller, RDMS

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.

HOSPITAL NAME

Rockaway AH

Liver

REFERRING VET

Dr. Maniar

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 acceptably thin walls with primarily anechoic content. The common bile duct was at the upper limits of normal and measured 0.35 cm. The cystic duct was tortuous.

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PATIENT

Gastrointestinal

Missy Manero

The **gastrointestinal tract** revealed hyperperistalsis. However, the curvilinear patterns were maintained. Soft stool was noted in the colon. The mesenteric lymph nodes were reactive and measured up to 2.5 x 0.8 cm.

SPECIES

Feline

Pancreas

BREED

Domestic Shorthair

The pancreas was enlarged, edematous and irregular. This is suggestive for chronic active pancreatitis with enhanced surrounding mesentery.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Chronic active pancreatitis presentation with geriatric abdomen otherwise.

AGE

15 years

Age related liver.

Mesenteric lymphadenopathy.

Hyperperistalsis.

WEIGHT

6.4 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mesenteric lymph node FNA, cytology and culture would be ideal. IV fluid support, GI protectants, broad spectrum antibiotics and anti-parasitic protocol is all indicated.

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DABVP, Cert. IVUSS

IMAGING PERFORMED BY

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HOSPITAL NAME

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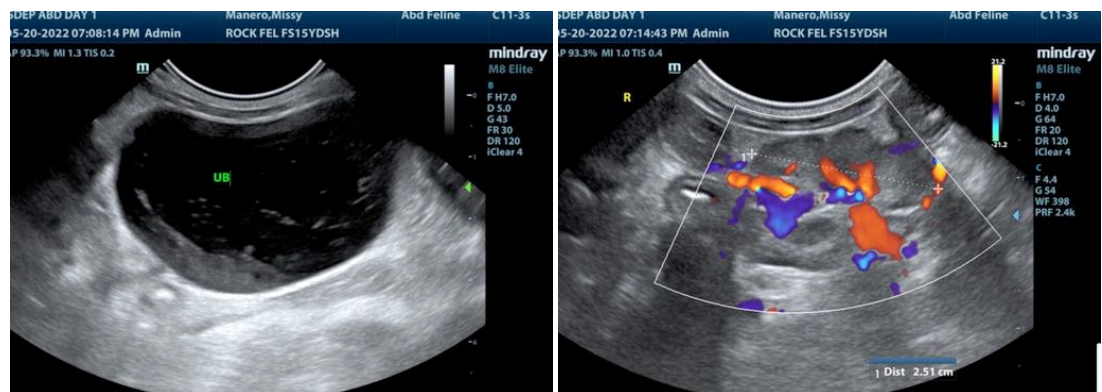
Dr. Maniar

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Domestic Shorthair

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AGE

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WEIGHT

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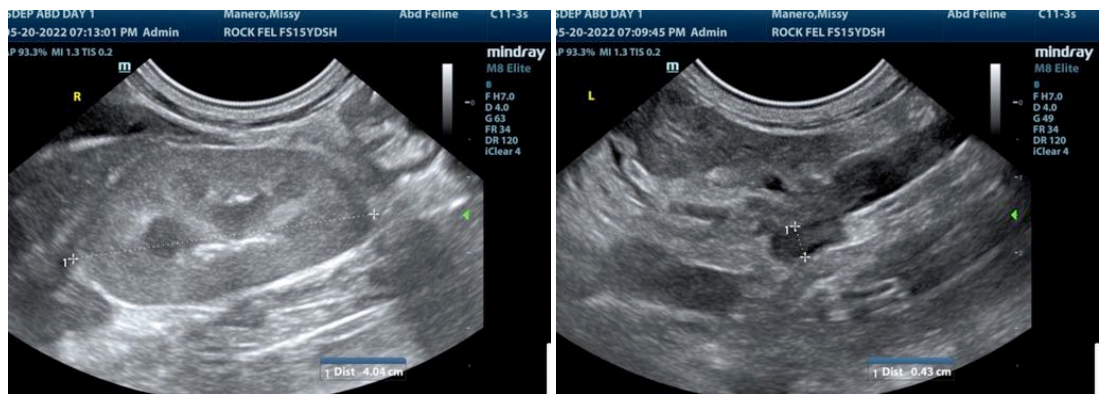
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com
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