



PATIENT PRESENTING CLINICAL SIGNS

Maggie Ma IPT, Gastritis
Abnormal PE/Chem/CBC/UA

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Cavalier

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.3 cm.

AGE

13 Years

Adrenal Glands

WEIGHT

16 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 2.39 cm x 1.2 cm at the cranial pole and 0.45 cm at the caudal pole. The left adrenal gland measured 1.63 cm x 0.58 cm at the caudal pole ad 0.68 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 were noted.

IMAGING PERFORMED BY

Jenn

Liver

HOSPITAL NAME

Rockaway AH

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 was double layered and edematous with a minor amount of debris present. Minor increased portal markings noted in the liver.

REFERRING VET

Dr. Maniar

Gastrointestinal

Some retention of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

INVOICE

35535

Pancreas

The right limb of the **pancreas** was heterogeneous and hypoechoic with enhanced surrounding mesentery, suggestive for inflammation.

DATE

2/9/22

ULTRASONOGRAPHIC FINDINGS

- Minor pancreatitis
- Geriatric abdomen otherwise



PATIENT

Maggie Ma

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IV fluid support, GI protectants, 24 hour NPO, broad-spectrum antibiotics all indicated. Recheck sonogram in 72 hours. The pancreatic presentation is largely localized to the right pancreatic base.

SPECIES

Canine

BREED

Cavalier

SEX

Spayed Female

AGE

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WEIGHT

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HOSPITAL NAME

Rockaway AH

REFERRING VET

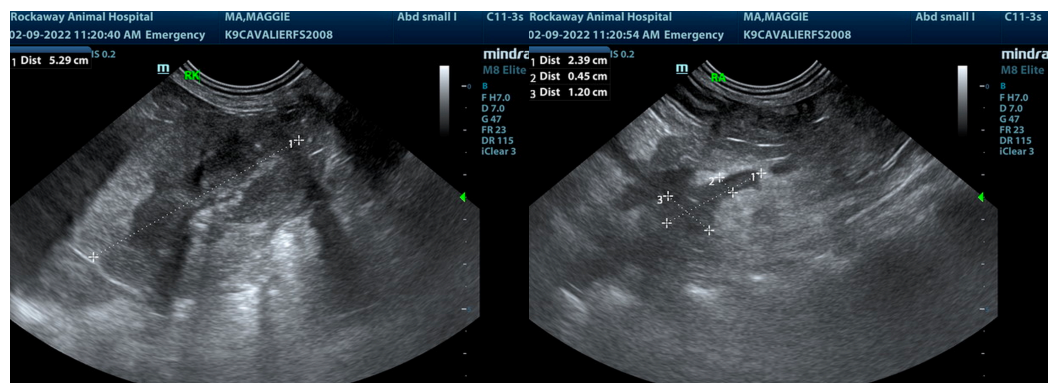
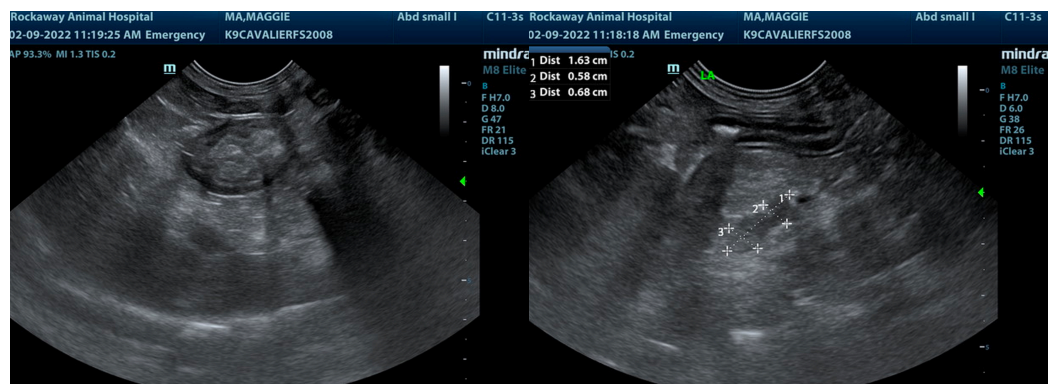
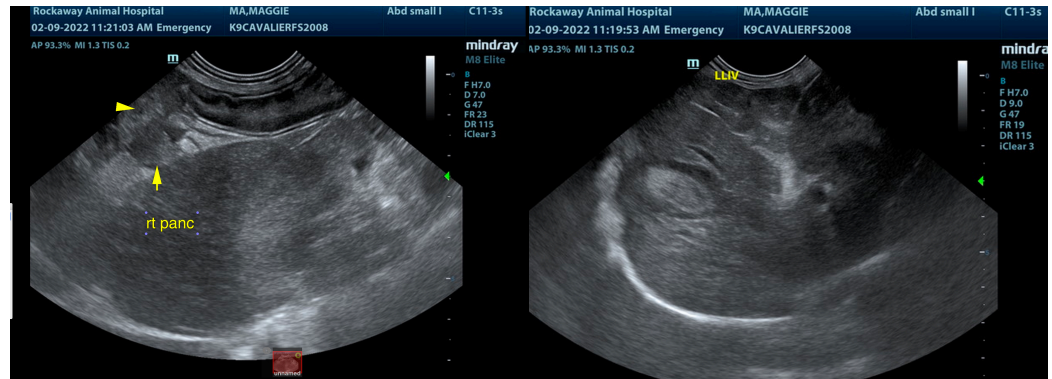
Dr. Maniar

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DATE

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PATIENT

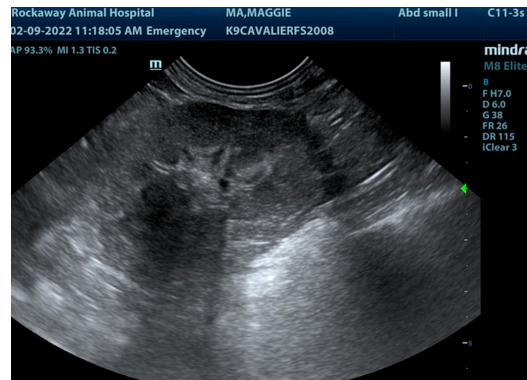
Maggie Ma

SPECIES

Canine

BREED

Cavalier



SEX

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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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