



PATIENT

Mike Walther

PRESENTING CLINICAL SIGNS

V/D.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed small calculi, non-obstructive, a grouping of which measured 4.0 mm.

BREED

Pug

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. Mineralization noted in both kidneys. The left kidney measured 4.72 cm. The right kidney measured 4.72 cm.

SEX

Neutered Male

Adrenal Glands

AGE

10 Years 6 Months

The **left adrenal gland** was 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 left adrenal gland measured 1.6 cm x 0.61 cm.

WEIGHT

26.5 Pounds

The region of the **right adrenal gland** was imaged. However, given the patient tension, the right adrenal gland was not able to be visualized.

Spleen

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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

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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.

HOSPITAL NAME

Rockaway AH

Gastrointestinal

REFERRING VET

Dr. Maniar

The upper **gastrointestinal tract** was unremarkable. However, a 6.0 cm x 2.3 cm heterogeneous mucosal mass was noted in this patient, appears resectable with resection and anastomosis. The pathology appears to be mucosal. The majority of the submucosal muscularis and serosa was intact. Luminal expansion noted.

INVOICE

39754

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.

DATE

7/22/22



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ULTRASONOGRAPHIC FINDINGS

- Intestinal mass
- Bladder calculi

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Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend intestinal resection and anastomosis, cystotomy, stone analysis and culture. Chest radiographs warranted prior to surgery.

BREED

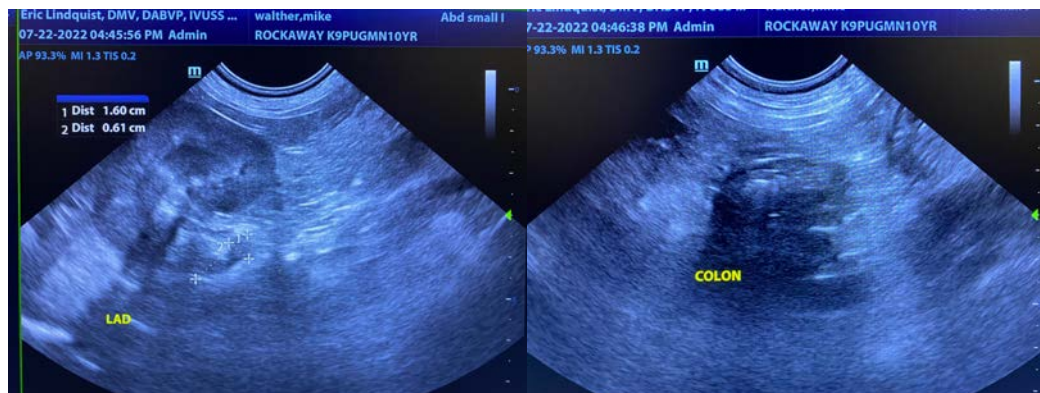
Pug

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Neutered Male

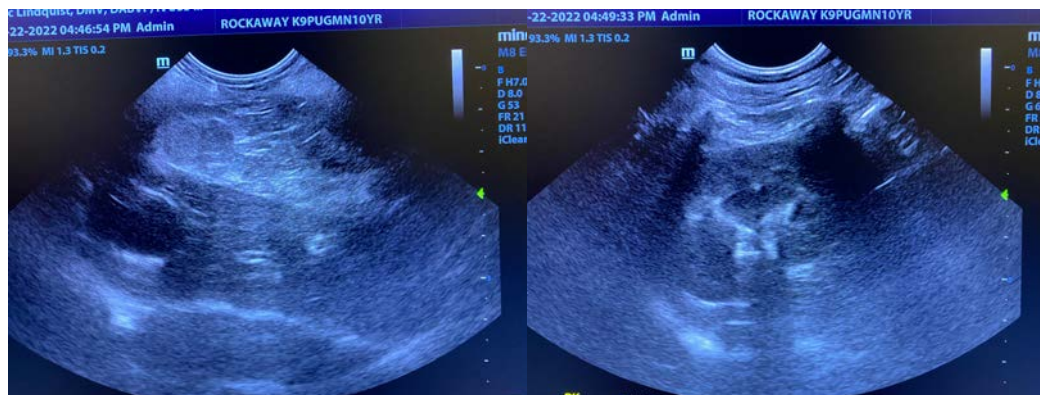
AGE

10 Years 6 Months



WEIGHT

26.5 Pounds

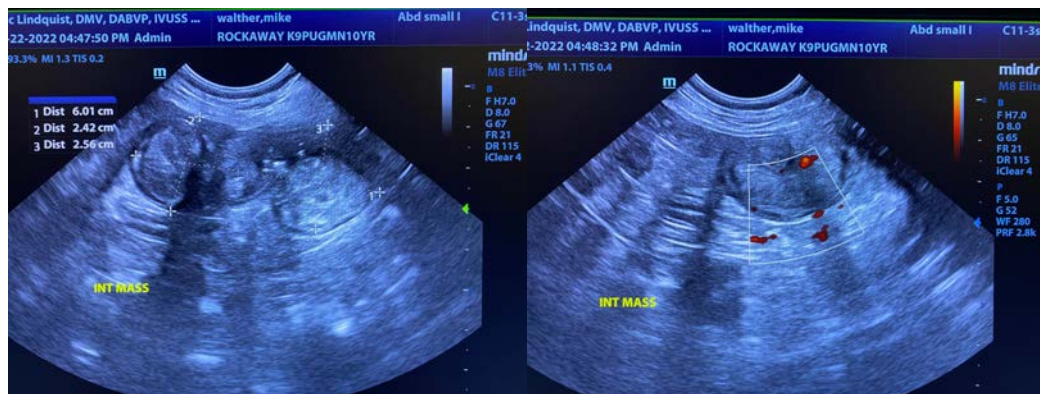


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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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