



PATIENT PRESENTING CLINICAL SIGNS

Max Lopez vomiting blood, hookworms, poss pyo

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

BREED

Shih Tzu

SEX

Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The right kidney measured 4.4 cm. The left kidney measured 4.2 cm.

AGE

4 Years

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.41 cm at the cranial pole and 0.42 cm at the caudal pole. The right adrenal gland measured 0.71 cm at the cranial pole and 0.55 cm at the caudal pole.

WEIGHT

12

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

Gastrointestinal

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with primarily anechoic fluid was present. Gastric body wall measured 0.58 cm.

REFERRING VET

Dr. Maniar

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Jejunum wall measured 0.38 cm.

INVOICE

25950

Normal visible colon wall layers were present with semiformal to soft feces.

Pancreas

DATE

9/30/21

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.



PATIENT *Free Abdomen*

Max Lopez The uterus presented diffuse fluid dilation with primarily anechoic fluid and mild cellular debris. The appearance of the uterus is most consistent with pyometra although hydrometra, hematometra or similar presentations are possible. The bilateral ovaries were not definitively visualized.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Pyometra
- Gastritis with mild gastric stasis, sonographically unremarkable small bowel
- Generalized mild reactive mesentery

BREED

Shih Tzu

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Female

Exploratory laparotomy with expectation toward OHE along with gross inspection of the gastrointestinal tract recommended. Aside from gastric inflammatory pattern and stasis, no overt evidence of concurrent gastrointestinal pathology noted. The possibility of possible gastric microulceration or ulceration given the hematopoiesis cannot be definitively excluded.

AGE

4 Years

WEIGHT

12

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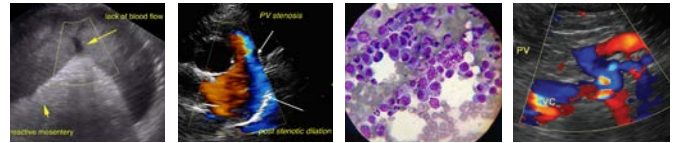
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DATE

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PATIENT

Max Lopez

SPECIES

Canine

BREED

Shih Tzu

SEX

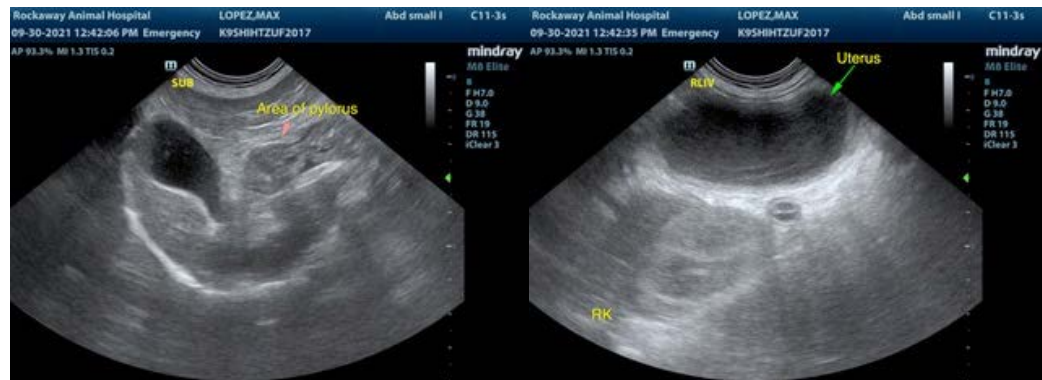
Female

AGE

4 Years

WEIGHT

12



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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.

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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