



PATIENT PRESENTING CLINICAL SIGNS

Bella Gomez acute onset lethargy

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – 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

Intact Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Minor dystrophic medullary mineral present in both kidneys. The left kidney measured 4.1 cm. The right kidney measured 4.0 cm.

AGE

9 Years

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.39 cm at the cranial pole and 0.53 cm at the caudal pole. The right adrenal gland measured 0.41 cm at the cranial pole and 0.42 cm at the caudal pole.

WEIGHT

11 Pounds

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

Diane McFadden

HOSPITAL NAME

Rockaway AH

Gastrointestinal

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Minor retained anechoic fluid present.

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.

Normal visible colon wall layers were present with apparent formed feces in lumen.

INVOICE

25673

Pancreas

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.

DATE

9/17/21



PATIENT

Free Abdomen

Bella Gomez

Focal, mildly prominent to enlarged medial iliac lymph node was present, measuring 0.64 cm in diameter. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).

SPECIES

Canine

The uterus presented diffuse fluid dilation with primarily anechoic fluid and mild cellular debris. Probable areas of endometritis noted. The appearance of the uterus is most consistent with pyometra although hydrometra, hematometra or similar presentations are possible. Minor periuterine peritoneal free fluid was present.

BREED

Shih Tzu

PRIMARY FINDINGS

- Pyometra with likely concurrent endometritis and small pockets of scant periuterine free fluid

SEX

SECONDARY FINDINGS

Intact Female

- Bilateral chronic renal changes with minor pinpoint dystrophic medullary mineral
- Probable mild gastritis

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

9 Years

Once patient is stabilized, ovariohysterectomy with potential for abdominal flush recommended. Full CBC/Chem panel and urinalysis suggested prior to anesthesia.

WEIGHT

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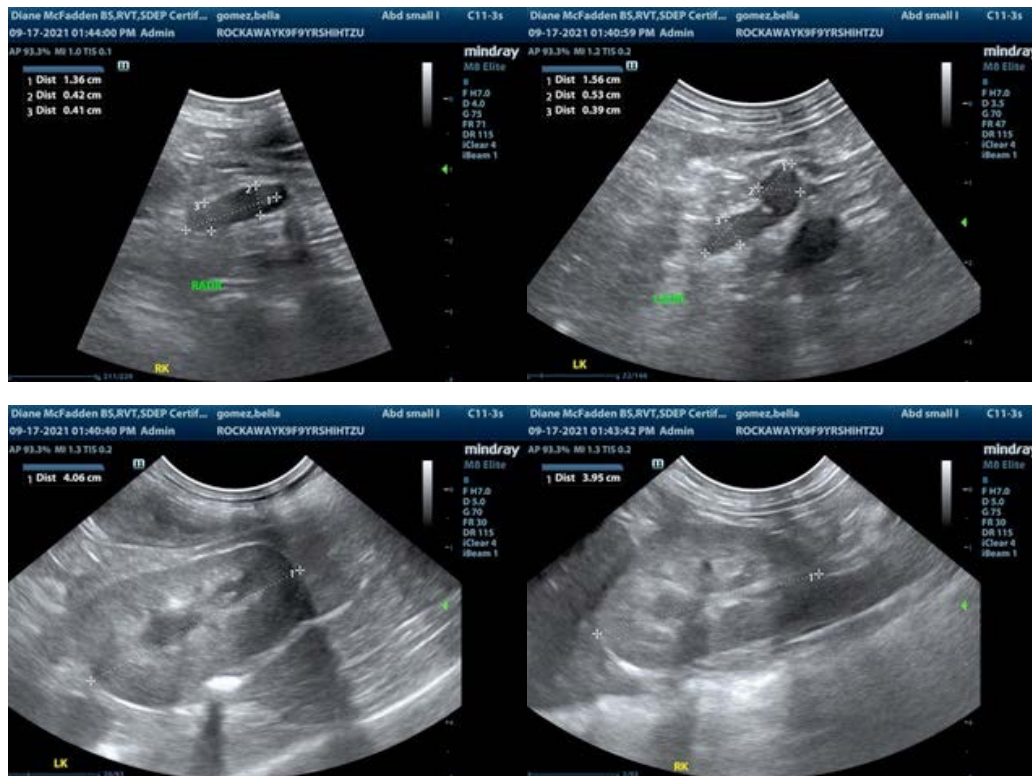
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PATIENT

Bella Gomez

SPECIES

Canine

BREED

Shih Tzu

SEX

Intact Female

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WEIGHT

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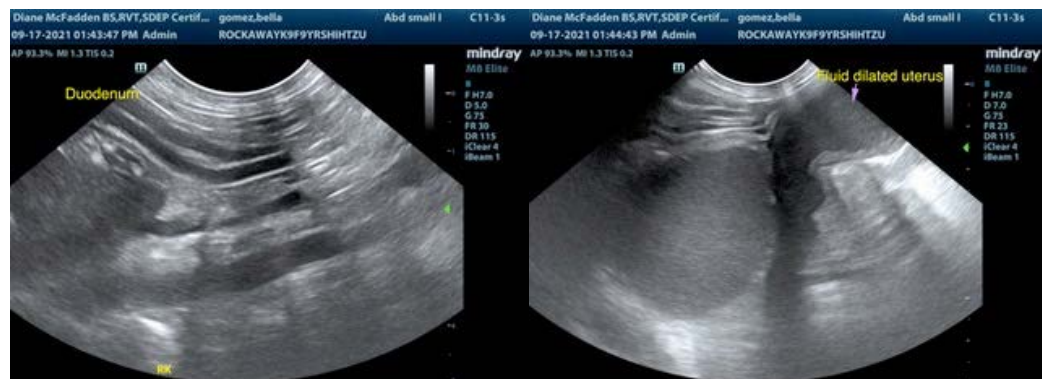
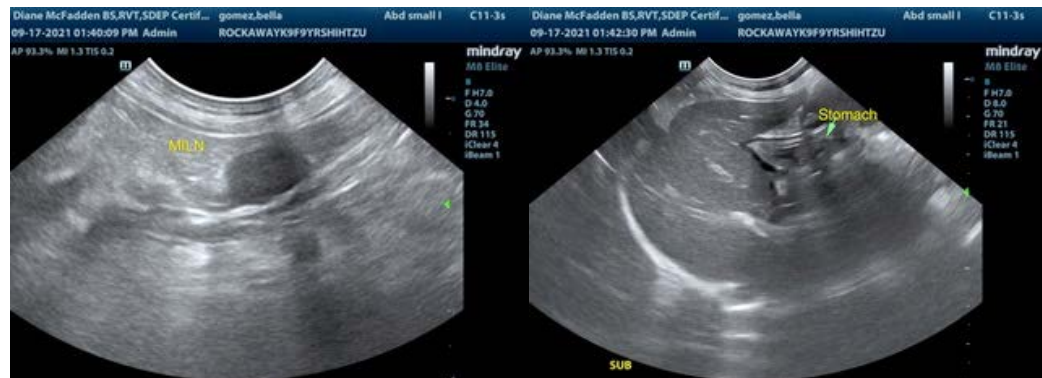
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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