



PATIENT

Max Fiallos

SPECIES

Canine

BREED

Shihtzu Mix

SEX

CM

AGE

10 YO

WEIGHT

14.5 lbs.

PRESENTING CLINICAL SIGNS

P was in Miami for 2 weeks , O took Max to ER for diahorea (Resolved with TX), for the past few days Owner noticed max been bumping with things in the house (Sudden blindness) lethargic. otherwise ok
Abnormal PE/Chem/CBC/UA Results: DDZ gr 1, X rays a possible abdominal mass BW 6/8/2022
CHEM: ALT 245 (H) 12-118 BUN: 43 (H) 6-31 Cholesterol: 333 (H) 92-324 CBC: Platelet: 497 (H) 170-400 T4: 1.1 (WNL) 0.8-3.5

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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, sediment, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.54 cm in diameter.

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

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. Pinpoint to focal areas of medullary mineral were noted in both kidneys. No evidence of pelvic dilation was present. The left kidney measured 4.3 cm in length. The right kidney measured 4.4 cm in length.

IMAGING PERFORMED BY

Jose

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.6 cm length x 0.49 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.7 cm length x 0.55 cm width at the caudal pole.

HOSPITAL NAME

Animal Clinic of
Queens

Spleen

REFERRING VET

Dr. Mucera

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. No evidence of splenic masses or nodules was noted.

INVOICE

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Liver/ Gallbladder

DATE

6/14/22

The liver was mildly enlarged in size with normal hepatic volume. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. No evidence of hepatic masses or nodules was noted. The gallbladder was non-



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distended in size containing primarily anechoic content with mild nonmineralized luminal debris. The cystic and common bile ducts were normal.

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate, variably echogenic to hyperechoic nonshadowing ingesta/chyme most consistent with post prandial presentation without signs of ileus, obstruction or foreign material.

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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.

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

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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 were evident.

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Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

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ULTRASONOGRAPHIC FINDINGS

- Hepatopathy exhibiting minor parenchymal remodeling - subjectively benign
- Minor gallbladder debris (non-mucocele)
- Age-related kidneys with pinpoint medullary mineral
- Sonographically normal spleen
- Overtly normal gastrointestinal tract

IMAGING PERFORMED BY

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Largely mild geriatric abdomen without evidence of significant visceral pathology.

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The overall hepatic presentation was nonspecific yet consistent with benign hepatopathy. Low-grade inflammatory parenchymal disease could be possible given the ALT elevation and presence of gallbladder debris. Assuming normal clotting status, hepatic FNA using a 25-gauge needle could be considered primarily to assess for evidence or possibly identify inflammatory cells if present. No overt evidence of a portosystemic shunt was noted.

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Hepatosupportive medications including Denamarin and Ursodiol may prove beneficial. A thorough neurological examination is suggested if not done.

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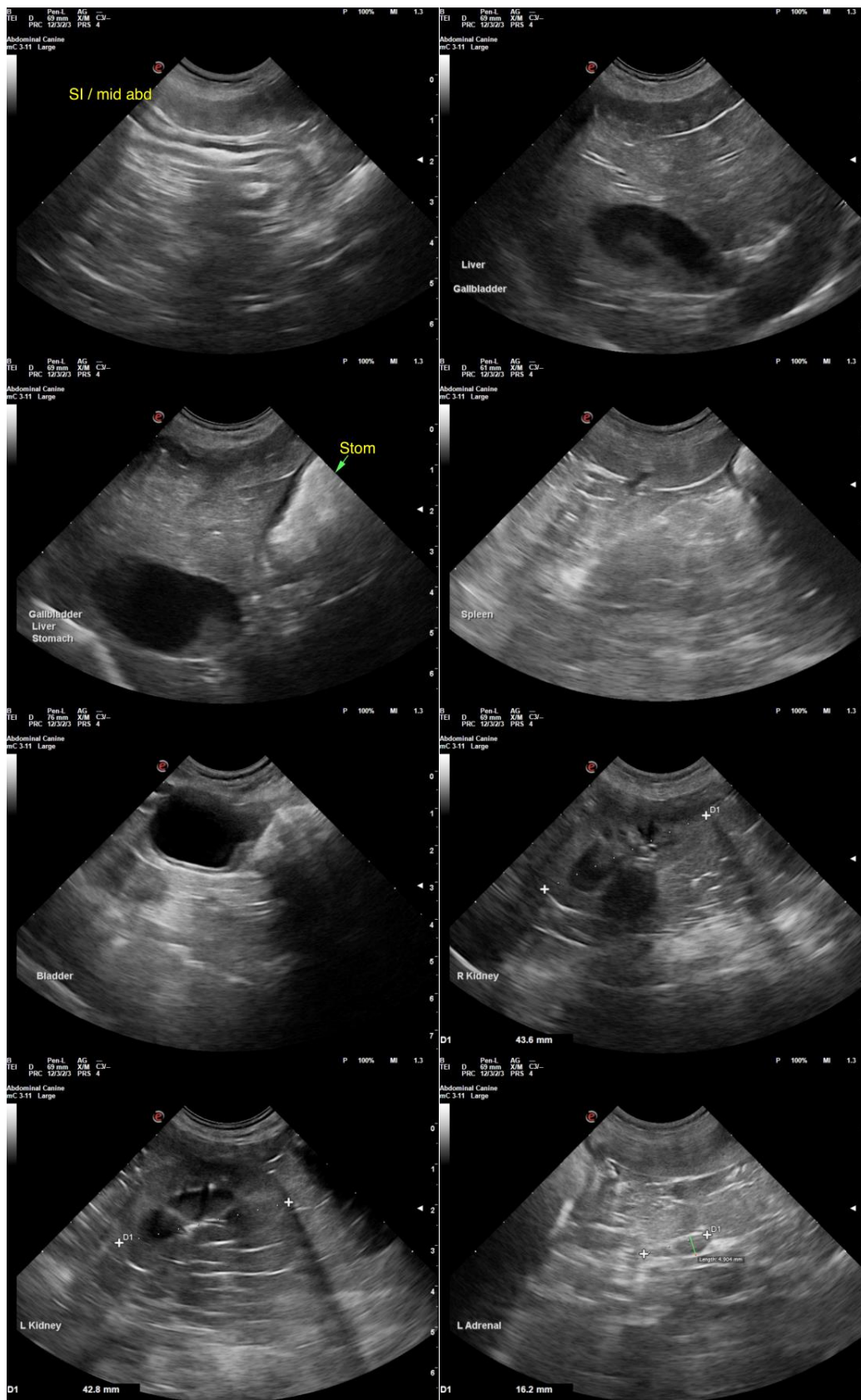
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

INTERPRETED BY

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