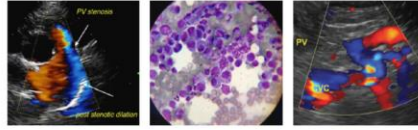


IMAGING PERFORMED BYSVS Mobile Imaging CT 262 - 366 - 5970
fredgromalak@gmail.com**PATIENT**

Tommie Fowler

SPECIES

Canine

BREED

Chihuahua

SEX

MN

AGE

10 Years

WEIGHT

12.9 lbs.

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**IMAGING PERFORMED BY**

Tom McNeill

HOSPITAL NAME

SVS Imaging CT

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6/30/22

PRESENTING CLINICAL SIGNS

Clinically normal. Abdominal distension reported.

Abnormal PE/Chem/CBC/UA Results: Exam: "pot bellied". No palpable abnormalities. Blood work: All normal except increased HCT and Retics. Liver and kidney normal. Xrays: Increased liver size, food in stomach (longer than 12 hours from feeding), possibly thickened stomach wall ventrally on lateral view.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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 was noted.

The area of the residual prostate was free of overt pathology.

A solitary, medial iliac lymph node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 0.41 cm in diameter. The lymph node is not consistent with inflammatory or neoplastic criteria and likely incidental.

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 minor loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint medullary mineral was noted. The left kidney measured 4.1 cm in length. The right kidney measured 4.1 cm in length.

Adrenal Glands

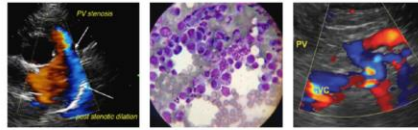
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm width at the caudal pole and 0.39 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.48 cm width at the caudal pole and 0.41 cm width at the cranial pole.

Spleen

The spleen was normal in size and contour with a primarily finely textured homogeneous parenchyma. A solitary, nondisruptive, subtle hypoechoic splenic nodule measuring 0.24 cm in diameter was present.

Liver/ Gallbladder

The liver exhibited potential for mild enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with minor gallbladder debris. The gallbladder was otherwise normal. 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. Mild retained nonshadowing ingesta / chyme was present with no evidence of mechanical pyloric outflow obstruction. The pylorus wall width measured 0.38 cm.

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. The duodenum wall width measured 0.47 cm. The jejunum wall width measured 0.33 cm.

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

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.

Free Abdomen

No omental masses, lymphadenopathy or peritoneal free fluid was present.

ULTRASONOGRAPHIC FINDINGS

- Mild age-related kidneys with pinpoint medullary mineral
- Subtle nondisruptive splenic nodule - subjectively benign, focal subtle lymphoid hyperplasia or hematopoiesis likely, no evidence of neoplastic criteria
- Mild vacuolar hepatopathy pattern
- Minor gallbladder debris
- Overtly normal gastrointestinal tract with minor retained gastric ingesta / chyme

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

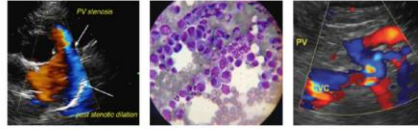
Overall, largely mild geriatric abdomen without evidence of significant abdominal pathology.

The presence of minor retained gastric ingesta / chyme, in light of documented fast, is nonspecific. Some degree of mild metabolic delayed gastric emptying could be considered if clinically indicated or if previous evidence of vomiting. However, no overt evidence of structural gastrointestinal pathology was noted.

Hepatosupportive medications may be considered if increased hepatic enzymes are noted going forward. No evidence of intraabdominal neoplastic criteria was noted.

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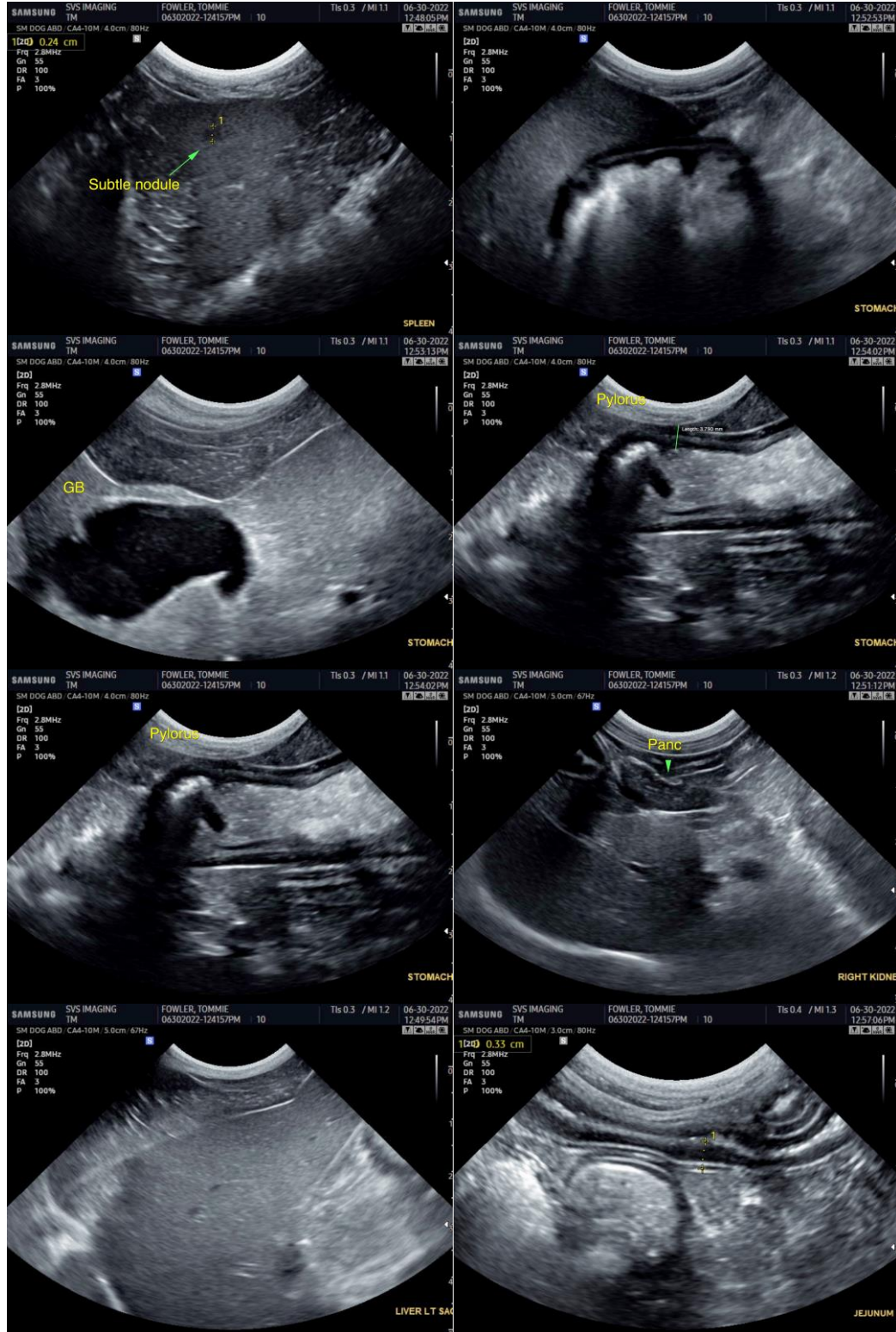
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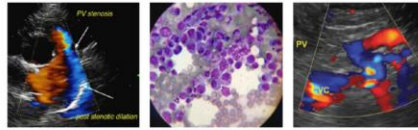
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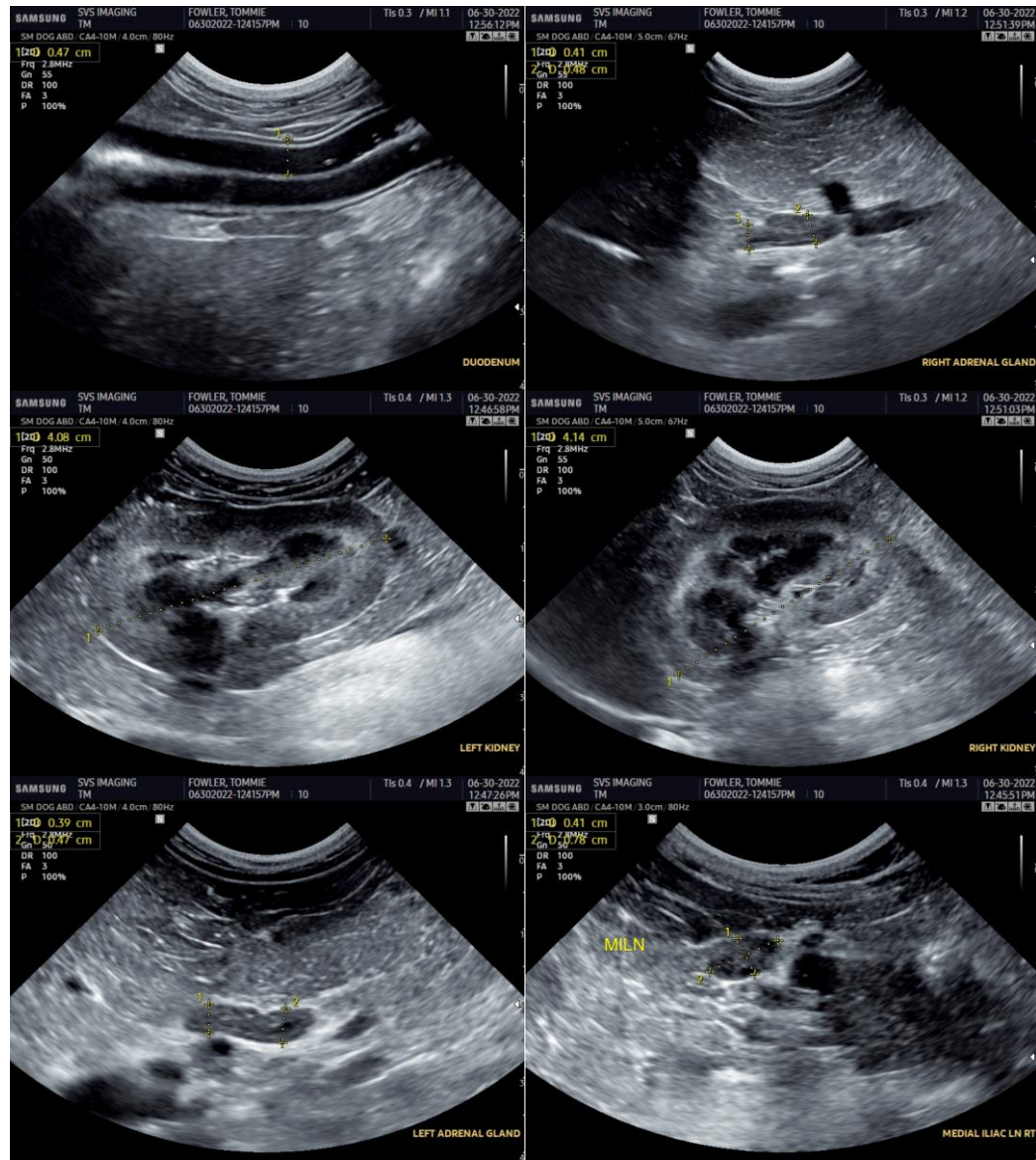
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com