



PATIENT PRESENTING CLINICAL SIGNS

Daisy Thompson Previous anal gland abscess, lethargy last week, on 4.4 patient vomited with possible vagal response (went limp), concern for abdominal mass on radiographs

SPECIES CBC-HCT 27.6, Reticulocytes 280.2, WBC 15.5 with monocytosis, Platelets 724

Canine Chemistry Panel- Glucose 317, Phosphorus 7.0, Globulin 4.6, ALP 1847, ALT 127, TBili 1.3, Cholesterol 490, Lipase 2869, T4 <0.5

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Shih Tzu **Urinary System**

SEX The urinary bladder was mildly subnormal in size owing to a lack of urine distention. No overt pathology was noted. The urethra exhibited normal structure and tone to a depth of 2.0 cm.

FS The area of the aortic trifurcation was free of pathology.

AGE Normal size and margination were present in the kidneys. The kidneys exhibited mild nonspecific uniform increased cortex echogenicity with subtly enhanced corticomedullary border demarcation. No evidence of pyelectasia was noted. The left kidney measured 4.3 cm in length. The right kidney measured 4.3 cm in length.

WEIGHT **Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.7 cm length x 0.40 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 1.4 cm length x 0.42 at the caudal pole. No evidence of enlargement or tumors was noted.

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

Spleen

The spleen was mildly subnormal in size likely owing to volume contraction exhibiting symmetrical capsule contour and uniform finely textured homogeneous parenchyma.

IMAGING PERFORMED BY
Rebekah Jakum, CVT
ARDMS/RVT

Liver/ Gallbladder

HOSPITAL NAME

Little Gap AH

The liver was mildly to potentially moderately enlarged. The hepatic parenchyma exhibited mildly nonuniform increased hepatic parenchyma echogenicity. The capsule of the liver was symmetrical in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with mild, primarily nondependent yet nonorganized gallbladder debris in the caudal lumen and the area of the gallbladder neck. The gallbladder was otherwise normal without evidence of inflammation or peripheral gallbladder inflammation. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Shelly

Gastrointestinal

INVOICE

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The stomach presented intact yet mild prominent wall layering most notable in the area of the antrum and pylorus with mild to subjective moderate pyloric mucosa hyperplasia. The pylorus wall including the mucosa measured up to 1.0 cm. Overt evidence of mechanical pyloric outflow obstruction was not noted.

DATE
4/6/22



PATIENT Daisy Thompson
 The duodenum exhibited intact yet mild prominent wall layering with upper duodenal corrugation. The jejunum and ileum were normal to the level of the colon. The duodenum wall width measured 0.48 cm.

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

Canine
Pancreas

The pancreas base and right pancreatic limb were normal in size and contour with heterogeneous to mildly echogenic parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

Shih Tzu
Free Abdomen

SEX No overt lymphadenopathy or peritoneal effusion was present.

FS **ULTRASONOGRAPHIC FINDINGS**

AGE
Primary Findings

- Gastroduodenitis pattern with mild to moderate pyloric mucosal hyperplasia / hypertrophy
- Hepatopathy - subjectively benign, steroid or other vacuolar hepatopathies, chronic hepatitis / cholangiohepatitis, lipidosis, early fibrosis, possible with neoplasia considered less likely differential diagnosis
- Minor gallbladder debris (non-mucocele)
- Mild nonspecific age-related kidneys - no evidence of pyelonephritis
- Suspect chronic pancreatitis with minor parenchymal remodeling and potential for early fibrosis

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 DVM, DABVP
 (Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING

PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

No evidence of intra-abdominal mass was evident.

Fructosamine level recommended if clinically indicated if persistent or previous hyperglycemia.

HOSPITAL NAME

Little Gap AH

Assuming normal clotting status, ultrasound-guided FNA of the liver is warranted for screening cytology and assessment for potential inflammatory cells. Hepatosupportive medications along with gastroprotectant protocol may prove beneficial.

REFERRING VET

Dr. Shelly

Sonographic monitoring of the stomach for evidence of progressive pyloric mucosa hyperplasia may be indicated if persistent or recurrent vomiting.

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PATIENT

Daisy Thompson

SPECIES

Canine

BREED

Shih Tzu

SEX

FS

AGE

2010

WEIGHT

10.3

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HOSPITAL NAME

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REFERRING VET

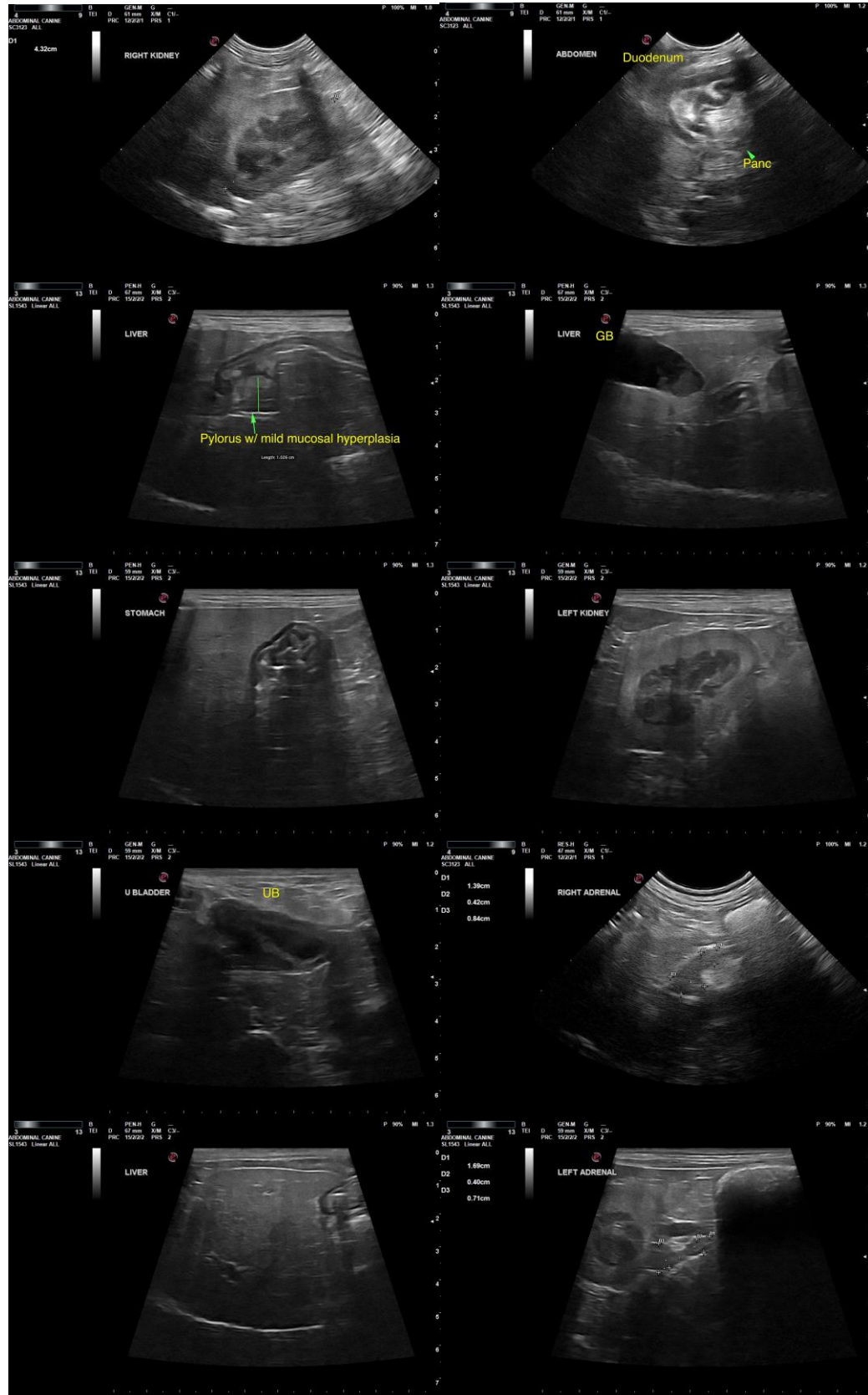
Dr. Shelly

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PATIENT

Daisy Thompson

SPECIES

Canine

BREED

Shih Tzu

SEX

FS

AGE

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WEIGHT

10.3

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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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