



PATIENT

Toby Matthews

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

8 years

WEIGHT

10.3 lbs

INTERPRETED BY

Dr. Alicia Angosto
Guerrero

IMAGING PERFORMED BY

Dr. Warner

HOSPITAL NAME

VT-NH Veterinary
Clinic

REFERRING VET

Dr. Abbott

INVOICE

70325

DATE

1/16/26

PRESENTING CLINICAL SIGNS

- 1m history reduced appetite w/o significant weight loss
- No c/s/v but soft stool in clinic
- There was some vomiting after a dose of meloxicam but this has ceased
- 1/17/26 Normal bloodwork aside from very mild hyperglycemia (115, with upper limit of normal being 115), including QPL (1/20/26) • xrays unremarkable

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is underdistended. The bladder wall may therefore appear subjectively thickened, and accurate assessment of wall thickness is limited under these conditions. The urine is predominantly anechoic with a small amount of suspended echogenic debris. The bladder neck and proximal urethra have a normal ultrasonographic appearance. No uroliths are identified, and there is no ultrasonographic evidence of inflammatory or neoplastic changes.

Left kidney: Normal in shape and size, measuring approximately 3.47×2.13 cm. Cortical thickness is approximately 0.33 cm in the sagittal plane. The renal cortex is isoechoic relative to the liver parenchyma. The corticomedullary ratio and corticomedullary definition are preserved. No pyelectasia, nephroliths, or hydronephrosis are identified. Color Doppler evaluation demonstrates a normal vascular pattern.

Right kidney: Normal in shape and size, measuring approximately 3.52×1.92 cm. Cortical thickness could not be reliably measured. The renal cortex is isoechoic relative to the liver parenchyma. The corticomedullary ratio and corticomedullary definition are preserved. No pyelectasia, nephroliths, or hydronephrosis are identified. Color Doppler evaluation demonstrates a normal vascular pattern.

Adrenal Glands

The adrenal glands appear subjectively normal in shape and echogenicity.

The left adrenal gland is not clearly visualized in a standardized imaging plane in the provided images and clips; however, in an alternative video obtained for a different purpose, a structure consistent with the left adrenal gland is identified, measuring approximately 0.39 cm at the cranial pole and 0.43 cm at the caudal pole.

The right adrenal gland is partially visualized, with the caudal pole measuring approximately 0.41 cm; the cranial pole is not clearly delineated.

Spleen

Splenic thickness measures approximately 0.77 cm. The splenic parenchyma has normal echogenicity and a fine, homogeneous echotexture, with no focal parenchymal abnormalities identified. The splenic capsule is smooth and regular. Splenic vasculature appears normal.



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Liver

The liver is subjectively normal in size, with a regular contour. The hepatic parenchyma is uniform and isoechoic relative to the falciform fat, with a normal echotexture. No hepatic lymphadenopathy is observed.

The gallbladder is normally distended. The gallbladder wall is thin. A moderate amount of biliary sludge is present within the lumen. No dilation of the cystic duct or common bile duct is observed.

Gastrointestinal

Stomach: The stomach is empty and folded. Mural thickness at the fundus measures approximately 2.28 mm, with preserved wall layering. The gastric body and pyloric regions appear more thickened, measuring up to approximately 5.87 mm, with luminal fluid present; wall layering remains preserved.

Duodenum: Wall thickness approximately 2.64 mm, with preserved layering.

Jejunum: Wall thickness approximately 2.61–2.76 mm, with preserved layering. No ultrasonographic evidence of obstruction, ileus, foreign material, or overt inflammatory changes is identified.

Colon: Transverse colon wall thickness approximately 1.33 mm, collapsed and empty. Descending colon wall thickness approximately 0.40 mm, with formed feces present.

Pancreas

The pancreas is not clearly visualized as a discrete structure. The adjacent pancreatic regions evaluated do not show ultrasonographic evidence of inflammation.

Peritoneal Cavity

No abdominal effusion or evidence of peritonitis is observed. Gastric and cranial mesenteric lymph nodes are not visualized; the surrounding regions appear unremarkable. The iliac trifurcation has a normal appearance.

ULTRASONOGRAPHIC FINDINGS

PRIMARY FINDINGS

- Segmental thickening of the gastric body and pyloric wall (up to approximately 5.87 mm) with preserved layering and luminal fluid.

SECONDARY FINDINGS

- Moderate biliary sludge within the gallbladder.



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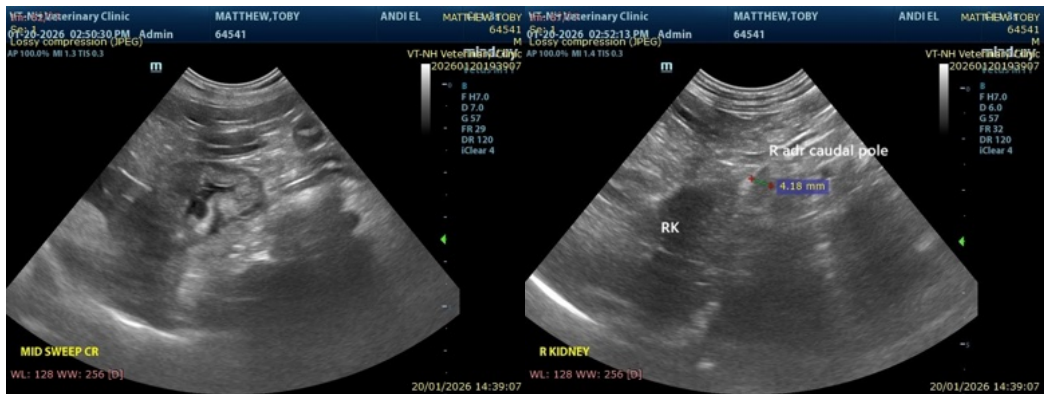
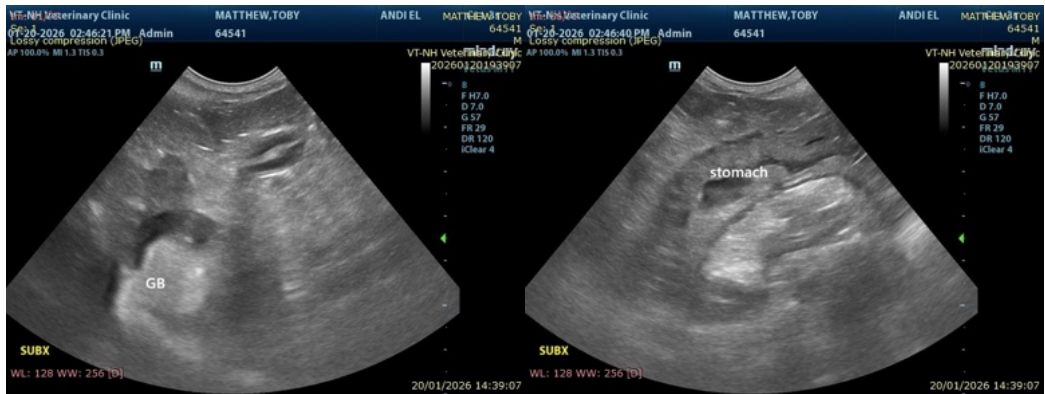
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Alicia Angosto Guerrero, DMV, PgDip, MSc.

MV Esp Ultrasound in Domestic and Wild Animals

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