



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Archie Cutler
 History hemorrhagic gastroenteritis (Aug, 2021), resolved with medical management. Normal cortisol, normal snapPL, neg 4dx. CBD/Chem - mild stress leukogram and dehydration, otherwise, WNL.
SPECIES Negative fecal screen. Radiographs: on left lateral view, there is a slightly ill-defined, lobular soft tissue opacity immediately caudoventral to the pylorus of stomach.

Canine ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

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

SEX MN The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.62 cm in width.

AGE No evidence of pathology in the area of the aortic trifurcation.

10 Years Normal size and margination was 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. The left kidney measured 4.3 cm in length. The right kidney measured 3.9 cm in length.

WEIGHT *Adrenal Glands*

20.9 lbs The left adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.72 cm width in the cranial pole and 0.48 cm width in the caudal pole.

INTERPRETED BY

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

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.7 cm width at the caudal pole and 0.86 cm width at the cranial pole. A uniformly echogenic mildly expansive nodule was present in the mid to caudal right adrenal gland without evidence of parenchymal escape or overt vascular invasion. No evidence of parenchymal mineralization. The nodule measured 2.3 x 1.7 cm.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Spleen

HOSPITAL NAME

Falmouth Animal
 Hospital

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.

REFERRING VET

Rachel Madenjian,
 DVM

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.

INVOICE

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The gallbladder was non distended in size with minor echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

DATE

9-19-21

Gastrointestinal



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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. The pylorus wall measured 0.36 cm width.

SPECIES

Canine

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 jejunum wall measured 0.42 cm width. The duodenum wall measured 0.55 cm width.

BREED

Shihpoo

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 was evident.

SEX

MN

Free Abdomen

No evidence of intraabdominal masses, specifically in the area caudoventral to the pylorus, lymphadenopathy, or peritoneal effusion was present.

AGE

10 Years

ULTRASONOGRAPHIC FINDINGS

- Right adrenal nodule - adenoma, hyperplasia, emerging neoplasia i.e., adenocarcinoma, pheochromocytoma, or other possible.
- Mild age related kidneys.

WEIGHT

20.9 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Sonographic monitoring of the right adrenal nodule for evidence of progression with initial recheck in 4 weeks recommended. Screening blood pressure of monitoring of systemic blood pressure is suggested. Otherwise, largely mild geriatric abdomen without evidence of significant visceral pathology including no evidence of intraabdominal masses.

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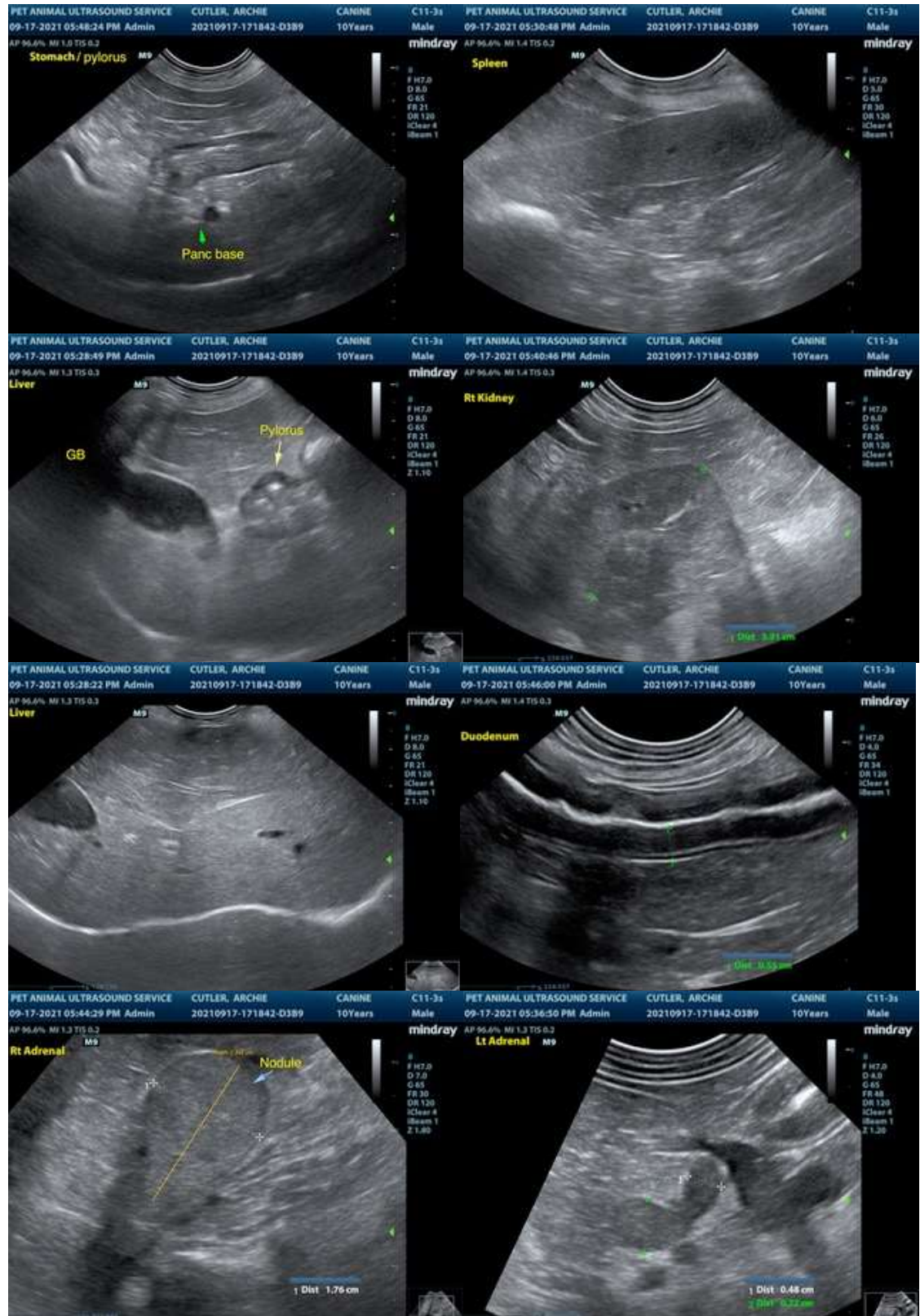
Rachel Madenjian, DVM

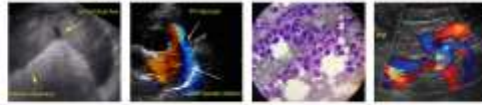
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Shihpoo

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SEX

MN

AGE

10 Years

WEIGHT

20.9 lbs

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