



PATIENT PRESENTING CLINICAL SIGNS

Butterball Kislán Stomatitis, heart murmur, concerns on IH ultrasound Buprenex, Gabapentin

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline **Urinary System**

BREED 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.

DSH

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

MN 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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.5 cm in length. The right kidney measured 3.3 cm in length.

AGE

2008

WEIGHT Adrenal Glands

11.2 The bilateral adrenal glands were normal in size and contour. Pinpoint areas of dystrophic mineralization were present without capsular distortion or overt tumors. This is an age-related finding and not pathological. The left adrenal gland measured 0.44 width and the right adrenal gland measured 0.44 width.

INTERPRETED BY

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

Spleen

The spleen was mildly prominent yet within normal limits size measuring 0.93 cm width at the level of the hilus. The spleen was folded exhibiting subtle areas of lateral and medial capsule asymmetry. Parenchyma heterogeneity with overall mild decreased parenchyma echogenicity was present with no masses or nodules noted. Normal subjective splenic vascularity was present.

IMAGING

PERFORMED BY
Rebekah Jakum, CVT
ARDMS/RVT

Liver/ Gallbladder

HOSPITAL NAME

White Haven VH

The liver exhibited potential for mild enlargement with generalized hepatic parenchymal remodeling with mild increased hepatic parenchyma echogenicity. Multiple solid to cystic mildly hyperechoic intraparenchymal macronodules to small masses were present. An example of a macronodule to small mass measured 1.8 cm and 3.2 cm diameter. The gallbladder was non-distended in size with primarily anechoic luminal content. The proximal common bile duct was dilated and tortuous without overt post hepatic obstruction.

REFERRING VET

Dr. Gallagher

Gastrointestinal

INVOICE

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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 gastric body wall width measured 0.25 cm.

DATE

8/9/22



PATIENT

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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. The small intestinal wall width measured 0.23 cm. The ileocolic wall width measured 0.41 cm.

SPECIES

Feline

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

Pancreas

The pancreas was normal in size with areas of capsule asymmetry. Nonhomogeneous isoechoic to mildly hypoechoic parenchyma with mild pancreatic duct dilation was present.

BREED

DSH

Free Abdomen

No omental masses, lymphadenopathy, or evidence of peritoneal free fluid were noted. Subtle evidence of regional peri ileocolic hyperechoic to reactive mesentery was noted.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

AGE

2008

- Moderate chronic renal changes
- Nonhomogeneous to mildly irregular pancreas - age-related variant suspected, potential for low-grade to chronic pancreatitis possible

WEIGHT

11.2

- Folded to mild irregular mildly hypoechoic spleen - patient variant, hyperplasia, hematopoiesis, incidental splenitis, potential for neoplastic criteria cannot be definitively excluded

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- Multiple hyperechoic to cystic hepatic intraparenchymal macronodules to small masses - nonspecific yet likely suggestive of benign cystic biliary adenomas
- Minor nonobstructive common bile duct dilation
- Overtly normal gastrointestinal tract with minor regional peri ileocolic reactive mesentery - suspect incidental
- Bilateral minor adrenal dystrophic mineralization - normal to age-related variant in a cat, not indicative of underlying pathology

IMAGING

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Rebekah Jakum, CVT
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HOSPITAL NAME

White Haven VH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The proximal common bile duct dilation finding may suggest age related changes or secondary to underlying cholangitis / cholangiohepatitis especially if previous or current liver enzymes elevations have been noted. No overt signs of post hepatic obstruction.

REFERRING VET

Dr. Gallagher

Ultrasound-guided FNA of the spleen, assuming normal clotting status and using a 25-gauge needle, could be considered primarily to ensure only benign changes are present or if evidence of weight loss.

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Concurrent hepatic nodule FNA for further assessment could be considered.

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REFERRING VET

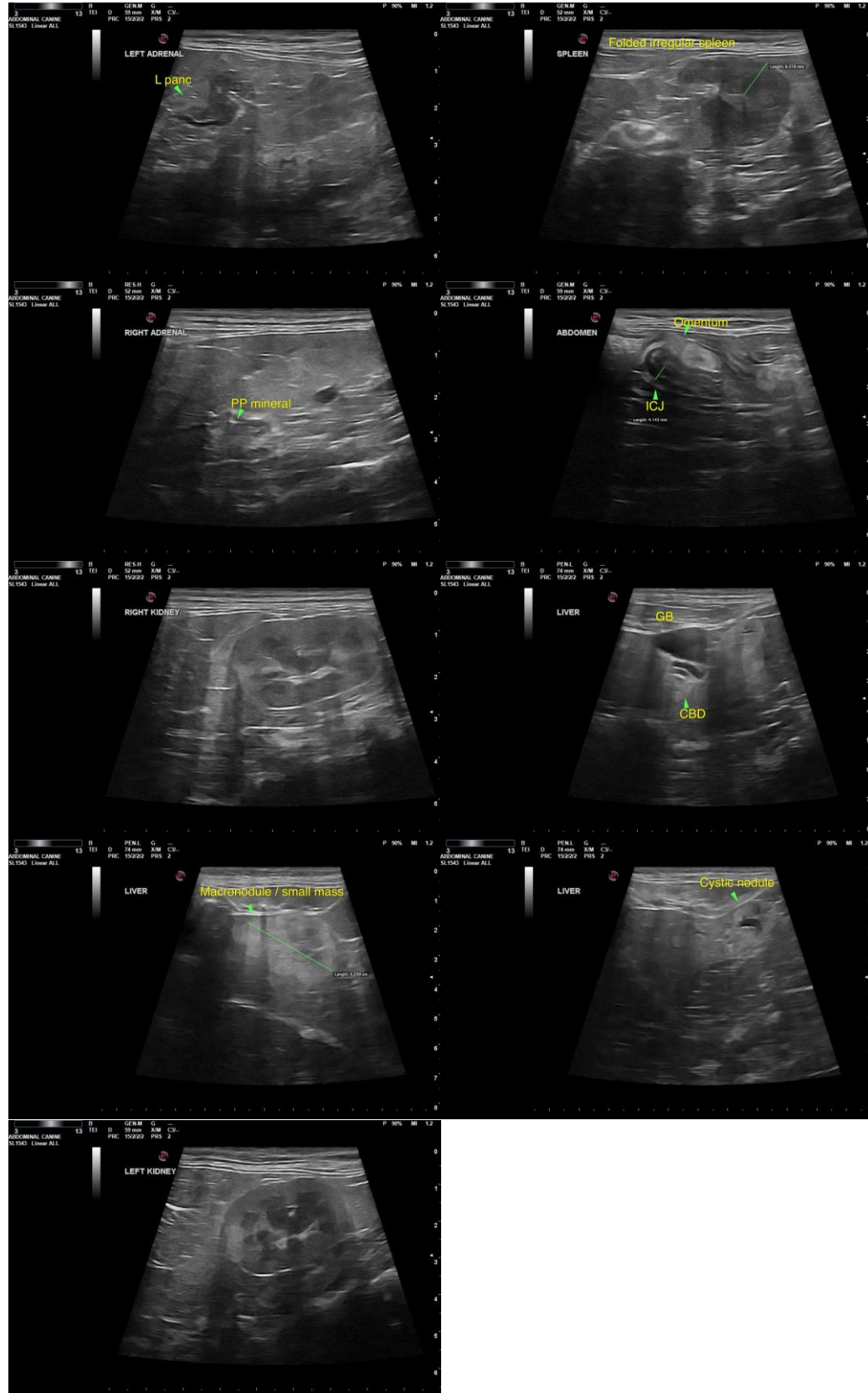
Dr. Gallagher

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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.

SPECIES

Feline

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

DSH

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