



PATIENT PRESENTING CLINICAL SIGNS

Zoro D'Alessio recheck gallbladder, previously scanned Nov 8/21 (report attached)

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

Canine

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.

BREED

Shih Tzu X

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture. The prostate measured 0.82 cm in width.

SEX

Neutered Male

The area of the aortic trifurcation was free of pathology.

AGE

13 Years

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.8 cm. The right kidney measured 4.9 cm. Focal areas of non-obstructive medullary mineral noted in the lateral diverticuli.

WEIGHT

24.3 Pounds

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The right adrenal gland measured 0.79 cm at the cranial pole and 0.82 cm at the caudal pole. The left adrenal gland measured 0.59 cm at the cranial pole and 0.71 cm at the caudal pole.

INTERPRETED BY

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

Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Intermittent subtle to discreet echogenic nodules were present. 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 or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

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Liver

The liver exhibited potential mild generalized enlargement. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended. The gallbladder walls were sonographically normal without evidence of inflammatory criteria. Mildly congealed, non-mineralized echogenic debris occupied the majority of the gallbladder lumen. The debris was non-organized. No evidence of peripheral gallbladder inflammation. The common bile duct was normal.

REFERRING VET

Dr. Egbers

INVOICE

33603

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate ingesta exhibiting focal areas of progressive distal acoustic shadowing. Likely post-prandial presentation unless documented NPO prior to the ultrasound. If documented NPO, some

DATE

12/20/21



PATIENT

Zoro D'Alessio

degree of gastric hypomotility may be considered. Overall appearance of the ingesta was consistent with food.

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.

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

Pancreas

BREED

Shih Tzu X

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.

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Hepatic parenchymal remodeling, static hepatopathy
- Static to potentially mildly improved gallbladder debris
- Chronic renal changes with non-obstructive medullary mineral
- Subtle to discreet splenic nodules – subjectively benign, suspect emerging myelolipomas.

AGE

13 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

24.3 Pounds

The appearance of the gallbladder was essentially static with potential for mild improvement in the amount of congealed luminal debris. This could still indicate partial to emerging gallbladder mucocele. However, no overt evidence of progressive inflammatory criteria was noted either in the gallbladder or the liver. Continued hepatosupportive medications with monitoring for evidence of increasing cholestasis or cranial abdominal/subxiphoid discomfort on palpation is recommended. Recheck ultrasound suggested if these clinical signs are noted. Assessment of T4 levels may be considered if not recently done.

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Feline)

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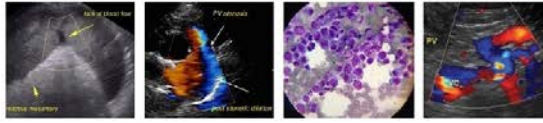
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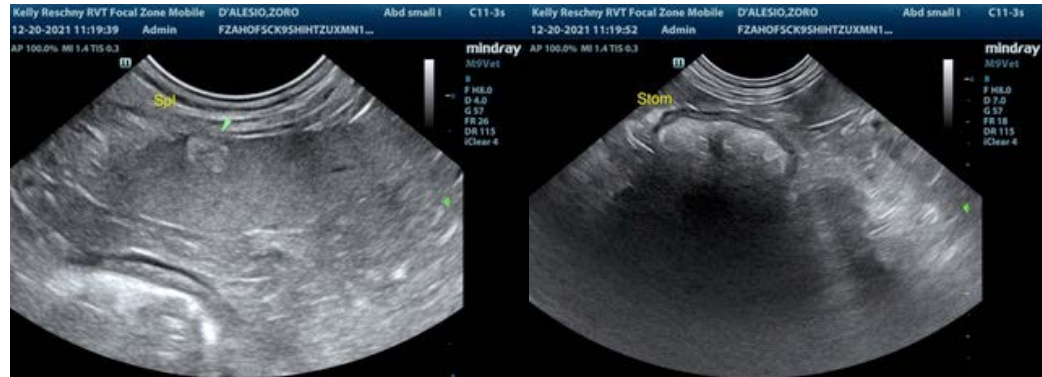
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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