



PATIENT

Rafae Schalow

PRESENTING CLINICAL SIGNS

History: Asymptomatic. Had a previous u/s done in May. Previously reported to have gallbladder issues.

Abnormal PE/Chem/CBC/UA Results: 11/15/2021: ALKP 1743 05/19/2021: ALKP 701

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

BREED

Shih Tzu

SEX

Male, neutered

The prostate is normal in size (0.75 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

AGE

13 years

The left kidney is normal in size (4.51 cm in length) with a normal shape, smooth peripheral margins and normal internal architecture. There is mild loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis. Renal vasculature is normal.

WEIGHT

The right kidney is normal size (4.70 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Andrea Nicaastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

Adrenal Glands

The left adrenal gland is normal size (0.38 cm at cranial pole) (0.44 cm at caudal pole) (1.64 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Potomac Mobile
Veterinary Ultrasound

The right adrenal gland is normal size (0.64 cm at cranial pole) (0.34 cm at caudal pole) (1.42 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Banfield Pet Hospital
Leesburg Village

Spleen

The spleen is normal in size (0.88 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. A few ill-defined hyperechoic nodules/areas are observed. Splenic vasculature is normal.

REFERRING VET

Dr. Jarrett

Liver

The liver is subjectively prominent in size with slightly swollen peripheral contours. The parenchyma is hyperechoic relative to the spleen and has a coarse echotexture. Several varying sized hypoechoic nodules are observed throughout the organ. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small to moderate amount of aggregated echogenic to mineralized mostly gravity-dependent sludge is observed in the lumen along with a scant amount of suspended echogenic debris. The cystic and common bile ducts are normal/not seen.

INVOICE

12557

DATE

11/17/21



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Gastrointestinal

Rafae Schalow

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

SPECIES

Canine

Pancreas

BREED

Shih Tzu

The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

SEX

Male, neutered

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

AGE

13 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

Primary Findings:

- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered less likely.
- Gallbladder sludge, non-mucocele.

Secondary Findings:

- Minor geriatric renal and pancreatic changes.
- The hyperechoic lesions adjacent to the splenic vessels are most consistent with myelolipomas. Although a neoplastic process within the spleen cannot be excluded, it is considered unlikely in this patient.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Serial monitoring (i.e., every 3-4 months) of the patient's liver values is recommended. If values continue to increase, a repeat abdominal ultrasound +/- pre and post prandial serum bile acids and hepatic tissue sampling can be considered.
- Consider testing for hyperadrenocorticism with a low-dose dexamethasone suppression test or ACTH stimulation test if clinical signs (i.e., PU/PD) develop in the future.

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Medicine*)

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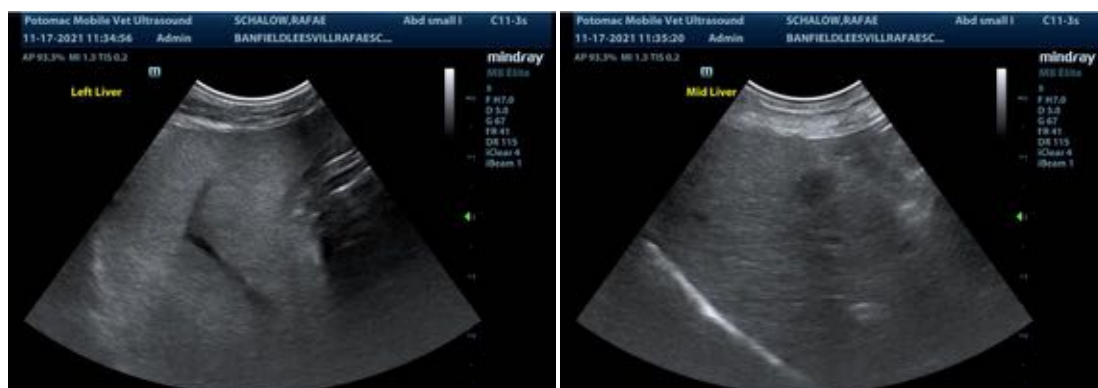
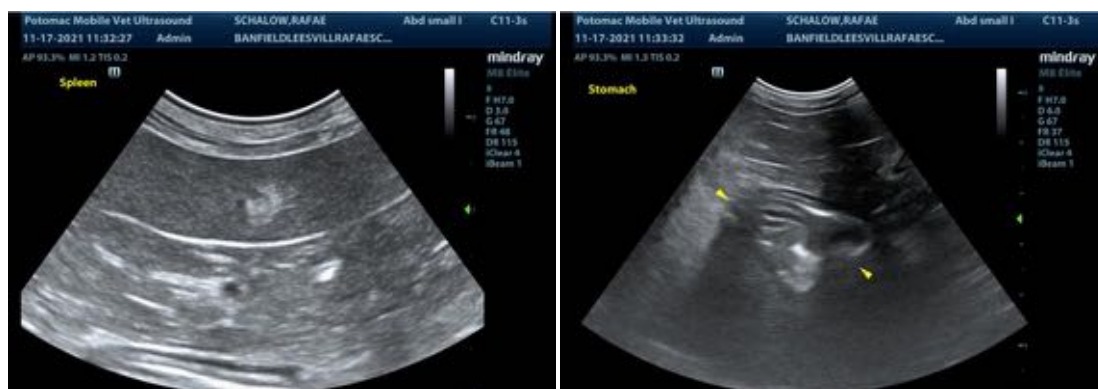
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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