



PATIENT

Simba Lasso

PRESENTING CLINICAL SIGNS

History: R/O hepatomegaly vs hepatic mass. not on any meds; mild increase in globulin

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

Yorkshire terrier

The prostate is normal in size (0.81 cm in width) with a normal shape and smooth peripheral contours. The parenchyma is slightly heterogeneous. No distinct focal lesions are observed. The prostatic urethra is not overtly dilated.

SEX

Male, neutered

The left kidney is normal size (4.56 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. A small cortical cyst is observed at the lateral aspect. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

AGE

10 Yrs.

The right kidney is normal size (4.66 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. A few small cortical cysts are observed. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

WEIGHT

11 lbs.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.59 cm at cranial pole) (0.52 cm at caudal pole) (1.88 cm in length) with a normal shape and smooth peripheral contours. A 0.65 x 0.42 cm hyperechoic nodule/area is observed at the cranial pole. The glandular echogenicity and detail at the caudal pole are unremarkable. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.71 cm at cranial pole) (0.33 cm at caudal pole) (1.82 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

Diane McFadden,
RVT

Spleen

The spleen is overall normal in size with slightly swollen medial contour. There is a subtle isoechoic (approximately 2-2.5 cm) parenchymal swelling at the cranial aspect. Splenic vasculature appears normal with no evidence of thrombosis.

HOSPITAL NAME

All Creatures G&S
Denville

Liver

The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. 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 moderate amount of aggregated echogenic debris/sludge is observed within the lumen, some of which is partially dependent and some of which is adhered to the luminal surface. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Ashmore

INVOICE

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Gastrointestinal

DATE

5/17/22



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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 mildly distended with gas and chyme. 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.

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Canine

Pancreas

The pancreas is diffusely visible, particularly the right limb. There is minimal deviation from the normal peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat in the region of the left limb. In the right limb, it is slightly hyperechoic. The parenchyma is diffusely mottled in appearance. The pancreatic duct is not overtly dilated. There is no evidence of peripancreatic effusion.

BREED

Yorkshire terrier

Free Abdomen

There is no evidence of free fluid. The abdominal lymph nodes are normal/not visible.

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AGE

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Suspected benign, diffuse hepatopathy. Top differentials include vacuolar hepatopathy and regenerative nodular hyperplasia.
- Gallbladder debris/sludge, non-mucocele.

Secondary Findings:

- Age-related pancreatic remodeling +/- fibrosis. Mild chronic pancreatitis may also be present, particularly if the patient exhibits discomfort on cranial abdominal palpation.
- Minor age-related renal and prostatic parenchymal changes.
- The splenic swelling may be artifactual due to confirmation/folding. Alternatively, benign parenchymal disease (i.e., extramedullary hematopoiesis, lymphoid hyperplasia or similar) may be present. Emerging neoplasia is also possible but considered less likely.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- If the patient has elevated liver enzymes, serial monitoring (i.e., every 3-4 months) is recommended. If values increase, repeat abdominal ultrasound may be warranted.
- Further recommendations should be based on whether the patient is exhibiting any clinical signs.

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PERFORMED BY**

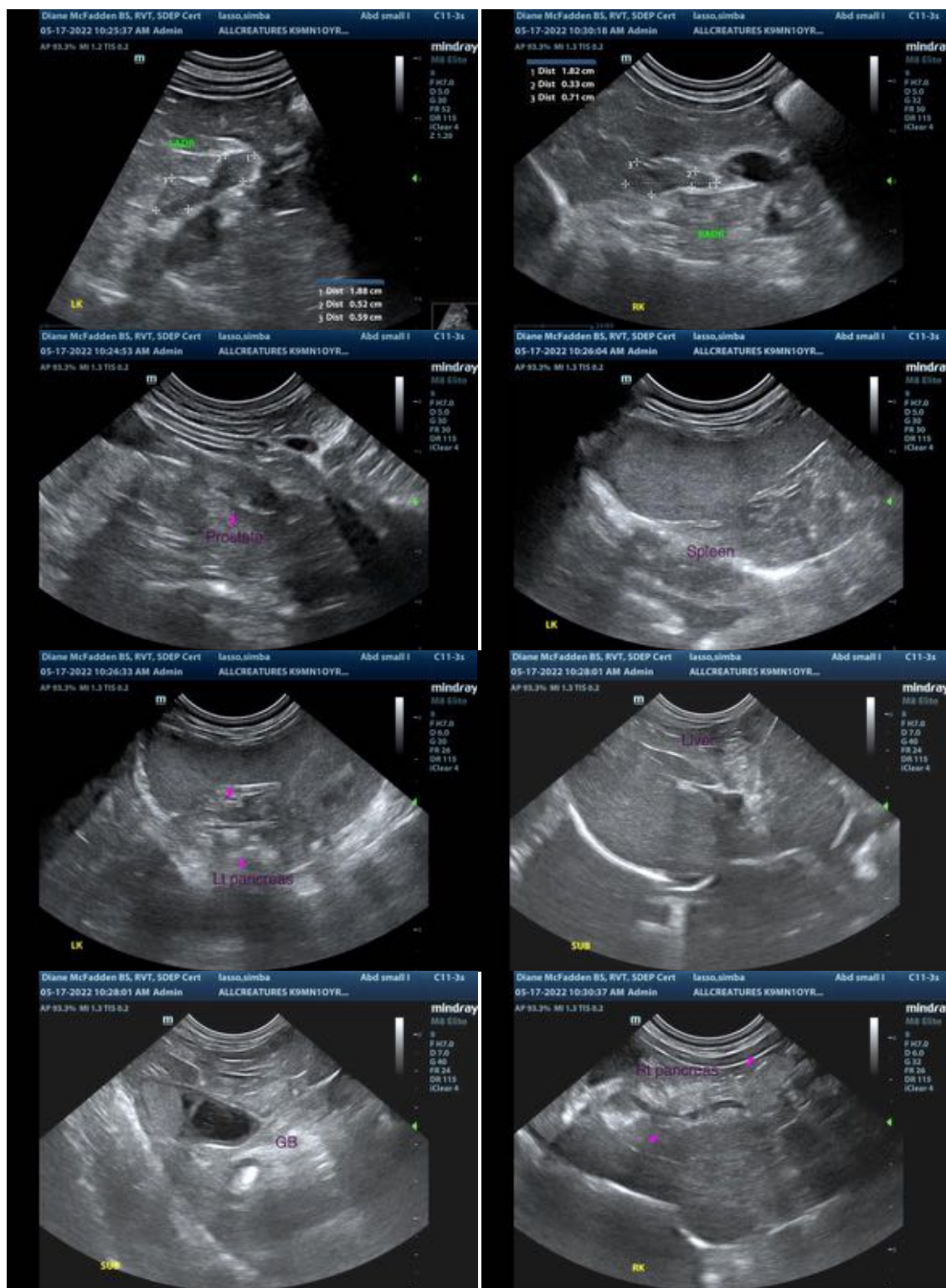
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible



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in the image/video clips provided.

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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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andrea_nicastro2@hotmail.com

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