



PATIENT

Freddie Fischer

PRESENTING CLINICAL SIGNS

History: No current symptoms. Patient is clinically doing well.
Abnormal PE/Chem/CBC/UA Results: Persistently elevated lipase and triglycerides with mildly elevated Spec cPL.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Yorkie

Urinary System

The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The mucosal surface is slightly irregular. The urine is anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone and the visible portion of the proximal urethra are normal.

SEX

Male, neutered

The prostate is normal in size (1.18 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

AGE

12 Yrs.

The left kidney is normal size (4.76 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

16 lbs.

The right kidney is normal size (5.18 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.50 cm at cranial pole) (0.54 cm at caudal pole) (2.11 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

Amy Mayhew

The right adrenal gland is normal size (0.49 cm at cranial pole) (0.37 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.

HOSPITAL NAME

Mitten AH

Spleen

The spleen is normal in size (0.97 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. Several, ill-defined hyperechoic areas are observed. Splenic vasculature is normal.

REFERRING VET

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. A scant amount of gravity-dependent echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

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13046

DATE

2/28/22



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Gastrointestinal

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The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is gas 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

Yorkie

The pancreas is visible and normal in size with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and subtly mottled in appearance. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated.

SEX

Free Abdomen

Male, neutered

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

AGE

12 Yrs.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

16 lbs.

Primary Findings:

- Minor age-related pancreatic remodeling +/- fibrosis. There is potential for low-grade pancreatitis, particularly if the patient exhibits a positive Murphy's sign.

Secondary Findings:

- Minor age-related renal changes.
- The hyperechoic splenic nodules/areas are most consistent with a benign process such as myelolipomas. Neoplasia is considered unlikely.

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Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the patient has a history of gastrointestinal signs and episodes of pancreatitis, consider transitioning to a prescription low fat diet to help prevent flare ups.

IMAGING PERFORMED BY

Amy Mayhew

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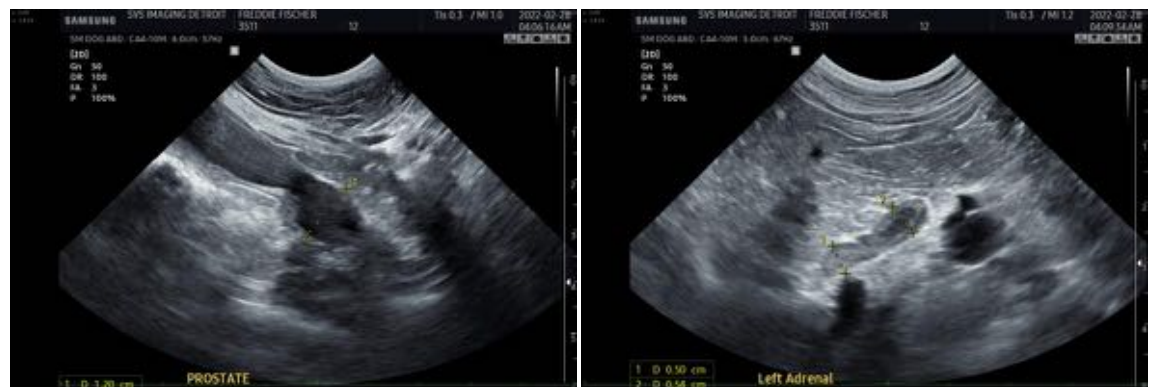
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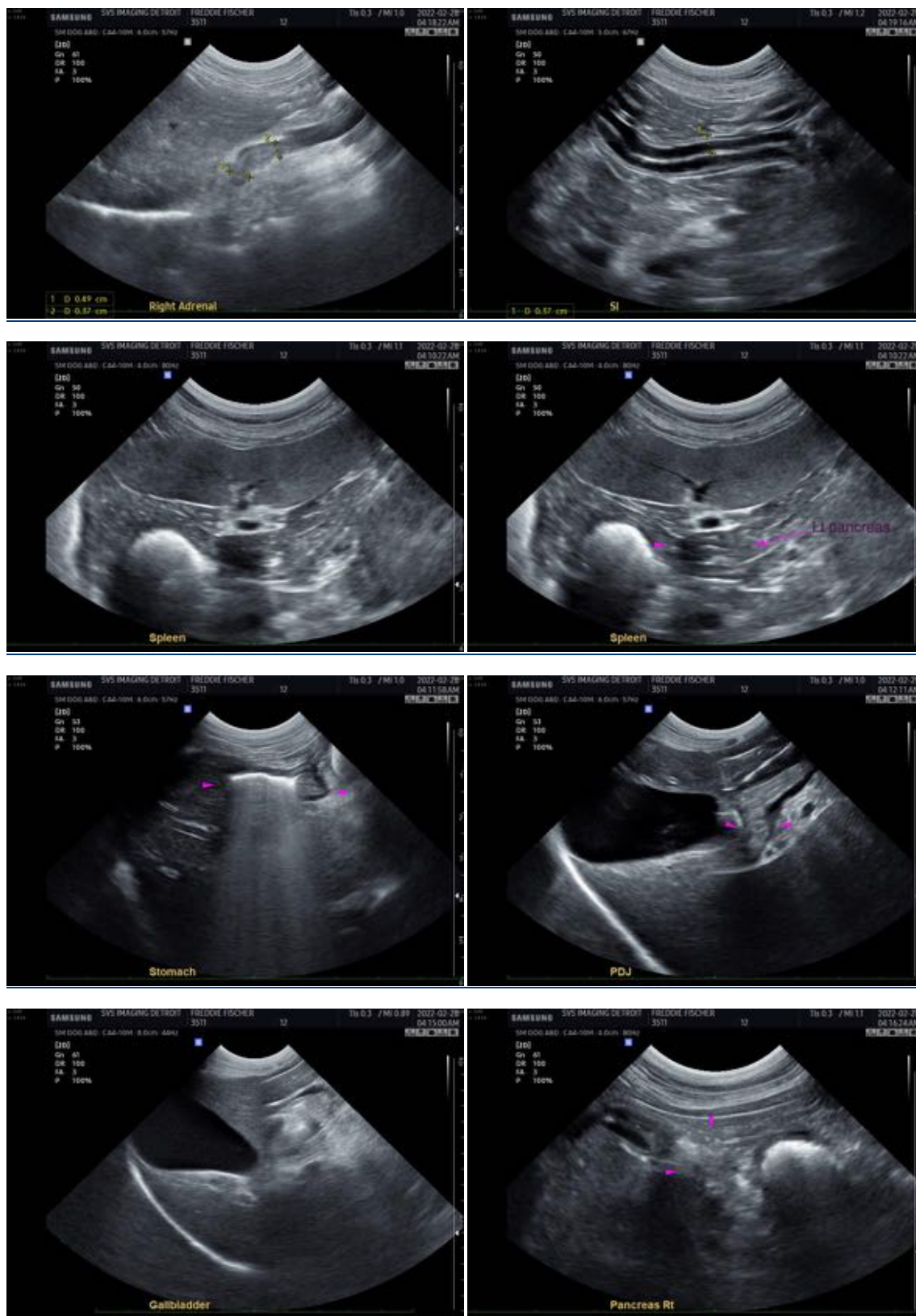
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The information and recommendations provided are based on the images presented by the referring



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veterinarian/sonographer. 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.

SPECIES

Canine

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

Andrea.nicastro@sonopath.com

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