



PATIENT PRESENTING CLINICAL SIGNS

Strudel Freeman persistent anemia despite being on pred, report from previous US attached. GI signs, concern for pancreatitis, bloated appearance

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

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

Mini Dachshund

SEX

Spayed Female

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 5.3 cm. The right kidney measured 5.1 cm.

AGE

14 Years

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

6.1 kg

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.9 cm length x 0.61 cm at the caudal pole. The right adrenal gland measured 2.6 cm length x 0.68 cm at the caudal pole.

Spleen

INTERPRETED BY

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

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Previously noted mildly heterogeneous to mixed echogenic non-expansive nodule was noted in the caudomedial spleen measured 1.0 cm diameter. The nodule did not distort the splenic capsule. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Kelly Reschny

Liver

HOSPITAL NAME

Wellington AH

The liver exhibited 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 in size with non-dependent yet non-organized echogenic debris. No evidence of peripheral inflammation associated with gallbladder. The cystic duct and common bile ducts were normal without evidence of dilation.

REFERRING VET

Dr. Dennis

Gastrointestinal

INVOICE

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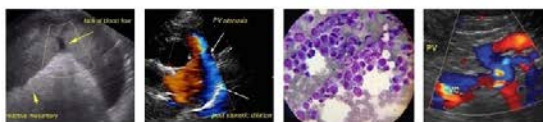
The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. Gastric body wall measured 0.33 cm.

DATE

10/25/21

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. Subtle segmental jejunal mucosal speckling noted. Jejunum wall measured 0.48 cm. Duodenum wall measured 0.43 cm.

Normal visible colon wall layers were present with subjective formed feces and luminal gas.



PATIENT *Pancreas*

Strudel Freeman

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

SPECIES *Free Abdomen*

Canine

No intraabdominal masses, lymphadenopathy or peritoneal effusion.

BREED **ULTRASONOGRAPHIC FINDINGS**

Mini Dachshund

- Previously noted static splenic nodule – probable lipogranuloma, focal hyperplasia, or hematopoiesis. Neoplasia considered an unlikely differential diagnosis.
- Hepatomegaly with hepatic parenchymal remodeling – subjectively benign.
- Mild gallbladder debris, non-mucocele
- Probable mild enteritis
- Mild heterogeneous pancreas – age related pancreatic changes, minor parenchymal remodeling owing to previous inflammation, or low-grade to chronic inflammation, which may present essentially sonographically normal.

SEX

Spayed Female

AGE

14 Years

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, an obvious cause of the persistent anemia was not definitively evident within the abdominal cavity. No evidence of overt intraabdominal neoplasia with largely probable benign to geriatric changes noted. screening hepatosplenic FNA (specifically the splenic nodule) may be considered for further clarification assuming normal clotting and degree of anemia. As needed gastrointestinal support based on the clinical impression of the gastrointestinal signs recommended. 3-view chest radiographs suggested to rule out occult thoracic pathology if not recently done.

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

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Kelly Reschny

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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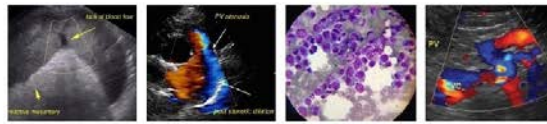
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SPECIES

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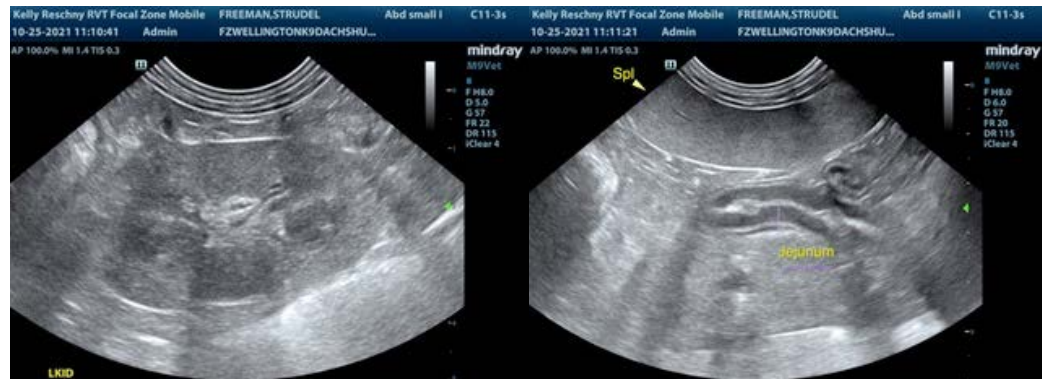
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PATIENT

Strudel Freeman

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.

SPECIES

Canine

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

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info@SonoPath.com

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