



PATIENT

Vera Brower

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

10 Years

WEIGHT

25

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg Veterinary
Clinic

REFERRING VET

Dr. Martens

INVOICE

74292

DATE

4/8/26

PRESENTING CLINICAL SIGNS

Chronic diarrhea and GI issues.
Abnormal PE/Chem/CBC/UA Results: Recent bloodwork normal, ACTH stim pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder contains minimal urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen. No papillae seen.

Kidneys are overall normal in size and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased cortical echogenicity and mild loss of corticomedullary distinction, expected in this age patient. There is no evidence of pyelectasia, mineral or infarcts observed. Left kidney measures 4.9 cm. Right kidney measures 5.0 cm.

Adrenal Glands

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 5.5 mm and the caudal pole measures 3.8 mm.

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 4.3 mm and the caudal pole measures 5.0 mm.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

Liver is relatively normal in size and contour. Parenchyma is mildly heterogenous and coarse with mild likely age-related parenchymal remodeling noted. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is moderately distended with anechoic bile as well as suspended and gravity dependent echogenic debris. The wall is smooth without visible thickening. There is no evidence of cystic or CBD dilation. There is no evidence of effusion or inflammation.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.

Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.



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ULTRASONOGRAPHIC FINDINGS

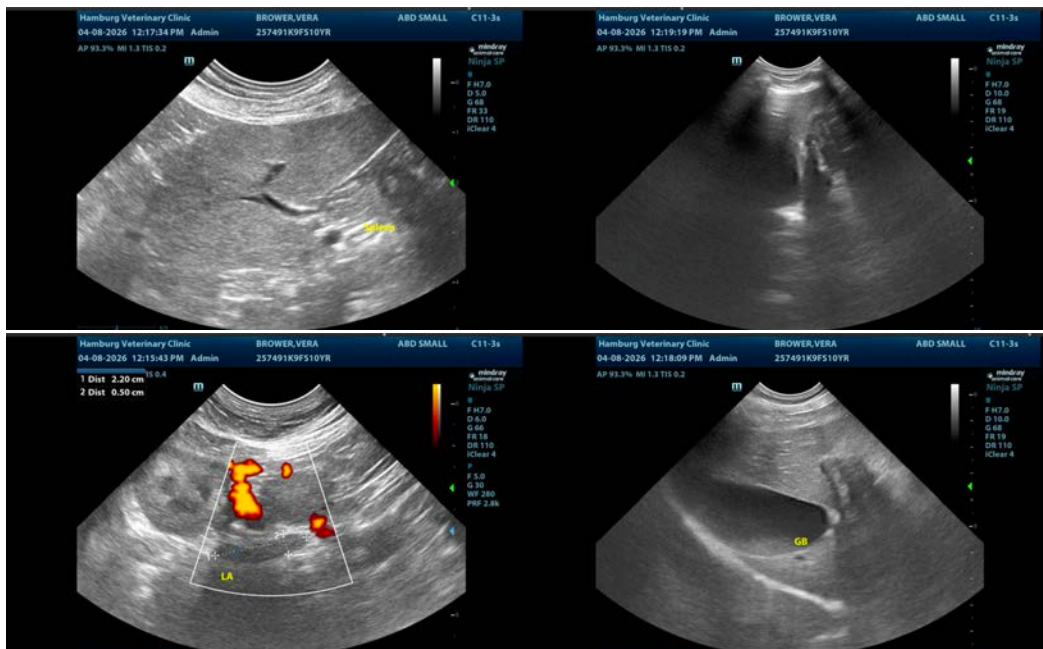
- Gallbladder debris – Appears incidental.
- Age related renal and hepatic changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No cause for the patient's chronic GI signs seen on this ultrasound. An ACTH stimulation is reported to be pending, which is recommended to rule out hypoadrenocorticism.

Rule out parasitism via fecal pathogen PCR. Consider submitting a GI panel to screen for possible chronic enteropathy and determine if cobalamin and/or folate supplementation is needed.

If a chronic enteropathy is confirmed via GI panel, consider strict diet trial with either a hydrolyzed or novel protein diet. If patient fails the diet trial and all other causes have been ruled out, at that time consider GI biopsies either surgically or endoscopically, preferably endoscopically as it is less invasive.





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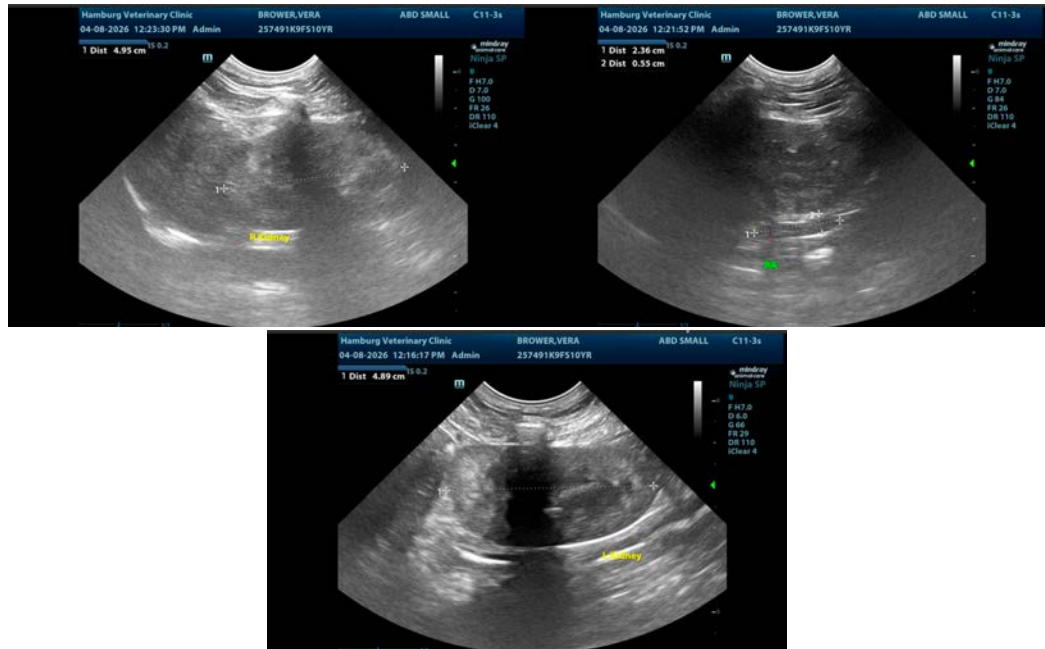
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Greg Kuhlman, DVM, DACVIM (SAIM)

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