



PATIENT

Clyde Carpluk

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

14 Years

WEIGHT

10

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. Martens

INVOICE

23803

DATE

8/6/23

PRESENTING CLINICAL SIGNS

History of chronic diarrhea. responds to pred.

Abnormal PE/Chem/CBC/UA Results: Xray shows consolidation in mid abdomen

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI. This is a mild change.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.26 cm. The right kidney measured 4.29 cm.

Adrenal Glands

The **left adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.27 cm.

The region of the **right adrenal gland** revealed no evident pathology.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** was mildly enlarged and hypoechoic. The gallbladder and common bile duct were unremarkable. Slight free fluid was noted between the liver lobes. The hepatic veins appeared slightly dilated.

Gastrointestinal

The **stomach** was overdistended with chyme. A large amount of GI gas was present. The small intestine and colon were unremarkable otherwise.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.



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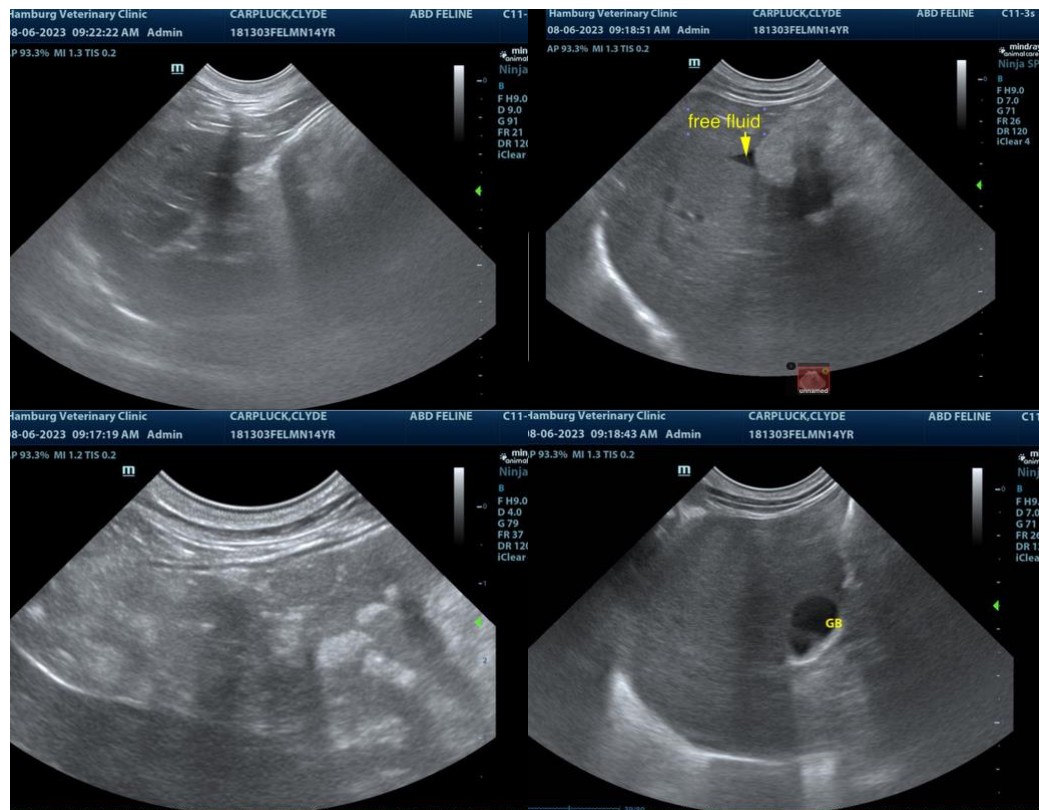
8/6/23

ULTRASONOGRAPHIC FINDINGS

- Urinary bladder debris
- Age-related renal changes
- Volume contracted spleen
- Mildly enlarged, hypoechoic liver with free fluid between the liver lobes
- Slightly dilated hepatic veins
- Stomach overdistended with chyme and gas in the GI tract

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I'm concerned for potential cardiac disease in this patient given the slight ascites and hepatic vein dilation. I recommend echocardiogram in this patient to assess for primary cardiac disease, as hypoxia may be playing a role in the GI stasis.





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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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com