



PATIENT PRESENTING CLINICAL SIGNS

Kitty Boller anorexia vomited bile

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

BREED

DSH

SEX

Neutered Male

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 3.58 cm. The right kidney measured 3.71 cm. Cortical infarcts noted and cortical collapse on the left kidney. Corticomedullary mineralization also noted. Blood flow to the kidneys was mildly subnormal.

AGE

16 Years

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

WEIGHT

13 Pounds

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

INTERPRETED BY

Eric Lindquist, DMV

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Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

Gastrointestinal

REFERRING VET

Dr. Maniar

The **stomach** presented a minor amount of anechoic stasis.

Pancreas

INVOICE

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

DATE

8/16/22



PATIENT

Kitty Boller

ULTRASONOGRAPHIC FINDINGS

- Moderate interstitial nephrosis renal pattern with infarcts
- Age related hepatic and pancreatic changes

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I am most concerned about the kidneys long-term in this patient. Treatment for gastritis with non-structural changes warranted. If liver enzymes are elevated, FNA would be indicated. Renal parameters should be monitored carefully in this patient.

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Neutered Male

AGE

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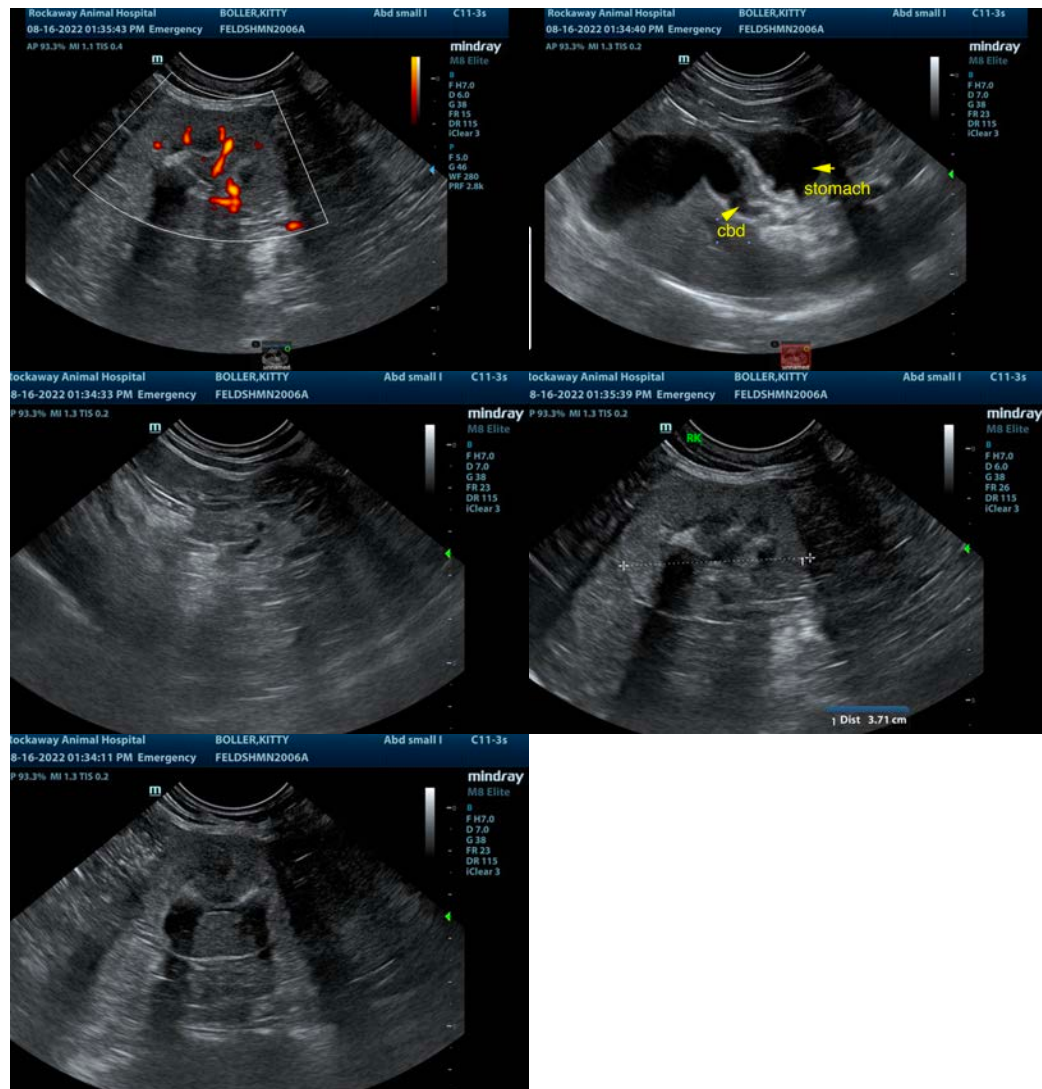
Jenn

HOSPITAL NAME

Rockway AH

REFERRING VET

Dr. Maniar



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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.

DATE

8/16/22

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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