



PATIENT

Bruno Hoff

PRESENTING CLINICAL SIGNS

r/o pancreatitis presented for poor appetite vocalizing dx with uremia
Abnormal PE/Chem/CBC/UA Results: CBC WBC 20.9 K Creat 11.9 BUN >30 Phos 16.1 T4 0.8

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DSH

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.

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 right kidney measured 4.05 cm. The left kidney measured 3.79 cm. Blood flow to the kidneys was subnormal on power doppler assessment.

AGE

12 Years

Adrenal Glands

WEIGHT

13 Pounds

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

Spleen

INTERPRETED BY

Eric Lindquist, DMV

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed. Hyperechoic nodules noted in the spleen, consistent with lipogranulomas, not pathological.

DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Jenn

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

HOSPITAL NAME

Rockaway AH

Gastrointestinal

REFERRING VET

Dr. Maniar

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

INVOICE

37886

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.

DATE

5/23/22

ULTRASONOGRAPHIC FINDINGS

- Chronic interstitial nephrosis pattern, non-specific



PATIENT

- Volume contracted spleen

Bruno Hoff

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Recommend 72-hour IV fluid protocol and treatment for acute on chronic renal failure. Infectious agents, UTI, hypertension are all issues to potentially address. This is a non-specific chronic degenerative renal presentation.

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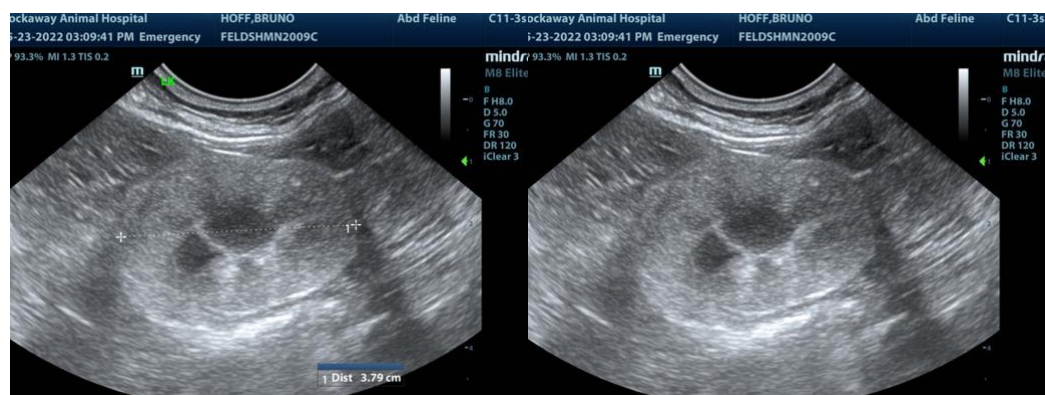
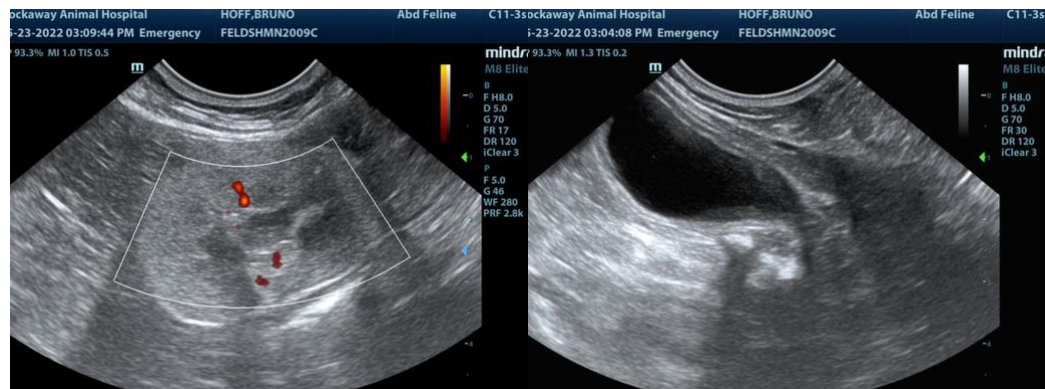
Dr. Maniar

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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.

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

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