



PATIENT

Nagini Hyre

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

3 Years 2 Months

WEIGHT

8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Agnes Rupley, DVM

HOSPITAL NAME

All Pet Medical Center

REFERRING VET

Agnes Rupley, DVM

INVOICE

16699

DATE

8/2/22

PRESENTING CLINICAL SIGNS

History: PRESENTED FOR: History of stage II/IV chronic kidney disease diagnosed 6/15/22. This is a follow-up exam to complete testing associated with these findings. Testing today included urinalysis, urine culture, abdominal ultrasound, and blood pressure testing. REPORTED SYMPTOM: None. VITALS: 8 pounds Temperature: 102.6 Heart Rate: 198 bpm Respiratory Rate: 60 bpm NERVOUS Mucous Membrane Color: pink Capillary Refill Time: <2 CURRENT MEDICATION: Revolt topical heartworm and flea prevention. EXAM FINDINGS: Lost a small amount of weight. Dental disease. Normal body score 5/9. LAB RESULTS: 6/6/22: Chemistry panel results reveal elevated creatinine at 1.9. Urinalysis results reveal a pH of 6.5 and specific gravity of 1.028. CBC results reveal a slight neutropenia. 6/12/22: No significant abnormalities on CBC or manual slide evaluation [except evidence of dehydration (urine specific gravity is 1028)]. 6/15/22: SDMA is elevated at 18 (0-14). Today: Urinalysis results reveal protein 15, a pH of 6.5 and specific gravity of 1.037.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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.

The **kidneys** presented normal size and contour with mild increased cortical echogenicity yet corticomedullary definition, size and structure are otherwise unremarkable. The left kidney measured 3.3 cm. The right kidney measured 3.3 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 0.36 cm.

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

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.

Liver

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.



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Gastrointestinal

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.

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.

ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen
- Kidneys, increased cortical echogenicity

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of pathology. Reevaluation of the prior episode of renal insult would be recommended, as structurally the kidneys are largely unremarkable. Artifactual elevation and SDMA elevation should be considered.

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/>.

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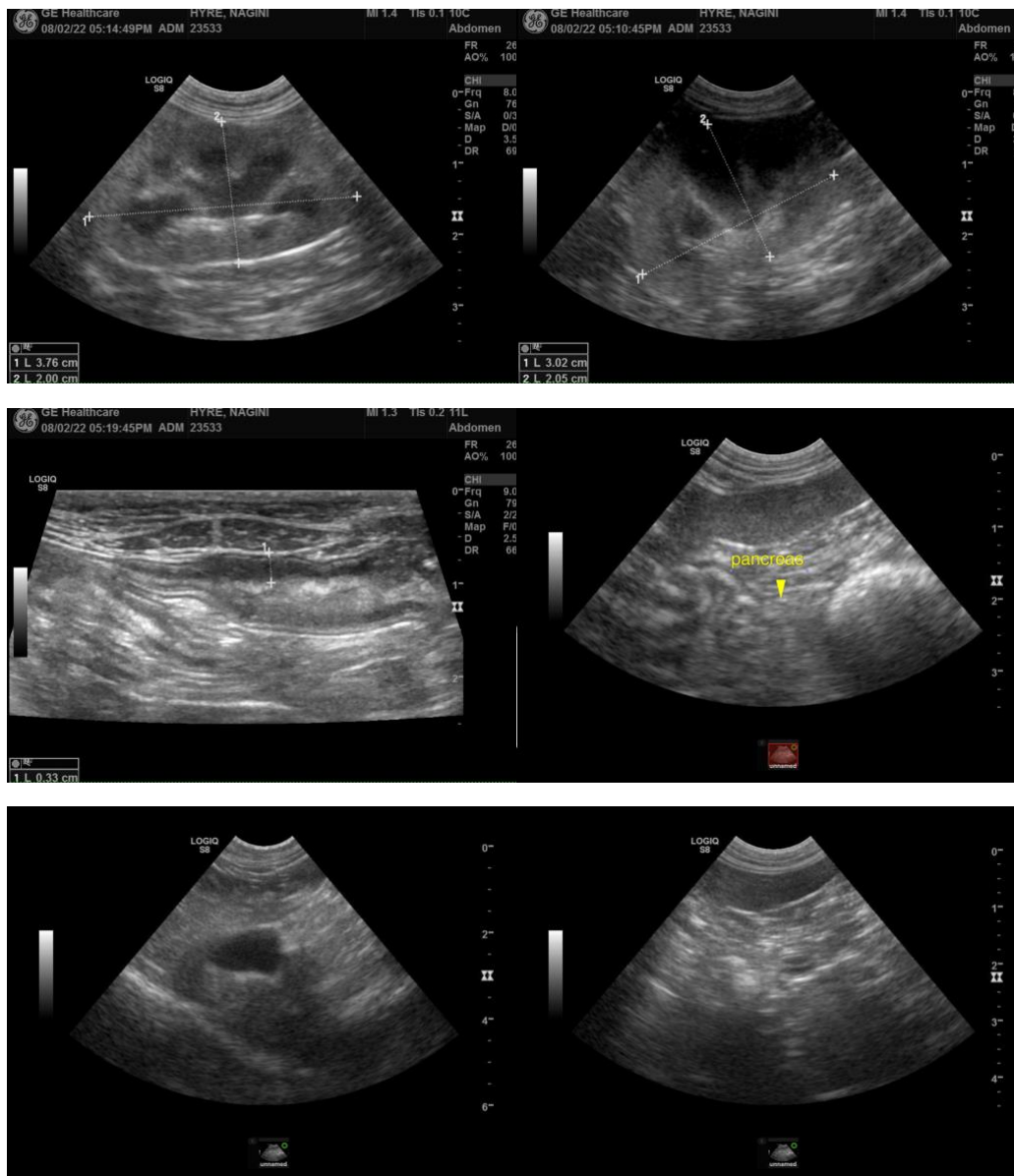
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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