



**PATIENT**

Ace Minimi

**PRESENTING CLINICAL SIGNS**

Elevated kidney values. Vomiting.

**SPECIES**

Feline

Abnormal PE/Chem/CBC/UA Results: Left kidney swollen on palpation. BUN 208, CREAT 17.3, PHOS 10.4

**BREED**

DSH

**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 pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

**AGE**

7 Years

The **right kidney** was subnormal in size at 2.4 cm. Dystrophic remodeling echogenic cortical changes and infarcts noted in the right kidney.

**WEIGHT**

13.5

The **left kidney** was hypertrophied (compensatory) with pericapsular inflammatory pattern and a large infarct in the dorsal cortex. The right kidney measured 5.88 cm. Minor pyelectasia noted with pelvic calculus.

**Adrenal Glands**

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

**INTERPRETED BY**

Eric Lindquist, DMV

**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.

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

JK

**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.

**HOSPITAL NAME**

Hamburg Vet Clinic

**REFERRING VET**

Dr. Martens

**INVOICE**

45855

**Gastrointestinal**

Minor hairball type density noted in the **stomach**. The small intestine and colon were unremarkable.

**DATE**

3/12/23

**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**

- Chronic pyelonephritis and compensatory hypertrophy of the right kidney



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- Dystrophic left kidney with fibrosis
- Unremarkable abdomen otherwise

**SPECIES**

Feline

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Full urinary workup warranted in this patient. Blood pressure measurements, urine culture and sensitivity, 72-hour IV fluid protocol and reassessment of the clinical status all warranted. Prognosis is guarded. Acute on chronic renal disease.

**BREED**

DSH

*Radiographs: Excessive gastric gas and renomegaly.*

**SEX**

Neutered Male

**AGE**

7 Years

**WEIGHT**

13.5

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

JK

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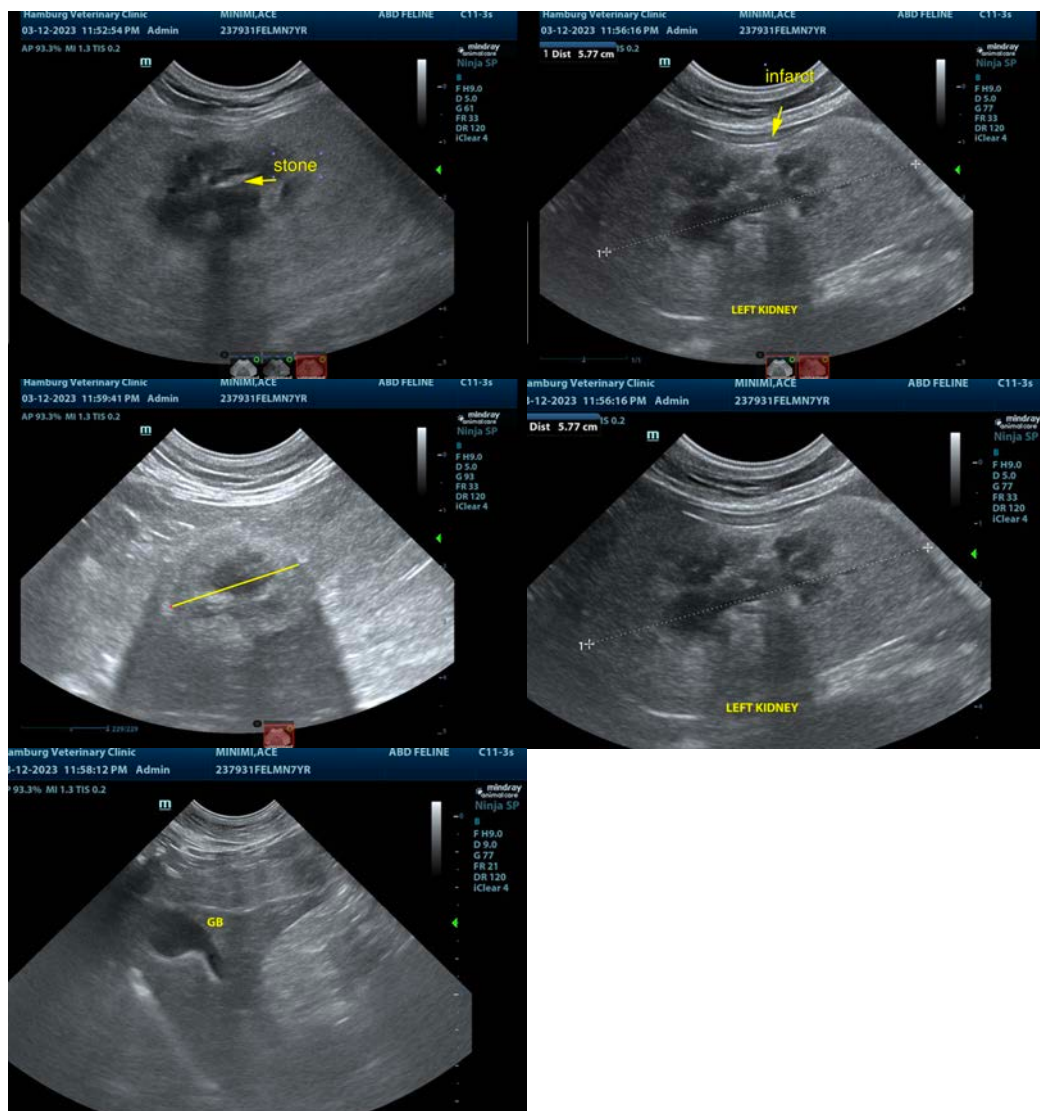
Dr. Martens

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**DATE**

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**PATIENT**

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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.

**SPECIES**

Feline

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**

**BREED**

DSH

[info@SonoPath.com](mailto:info@SonoPath.com)

**SEX**

Neutered Male

**AGE**

7 Years

**WEIGHT**

13.5

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