



PATIENT PRESENTING CLINICAL SIGNS

Pretty Pataco
Weight loss kidney failure
Abnormal PE/Chem/CBC/UA Results: BUN 189, CREAT 5.1, PHOS 12 AMYLASE 2058,

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline **Urinary System**

The **bladder** was minimally distended with mild suspended sediment. The bladder wall exhibited normal in thickness, with no significant inflammation.

BREED

DSH

The **left kidney** was subnormal in size with an irregular contracted capsule contour, likely due to previous infarcts. There were several shadowing calculi centrally and mild pyelectasia. The cortex was hyperechoic with moderate mineralization. The left kidney measured 2.5 cm length.

SEX

Spayed Female

The **right kidney** was mildly subnormal in size with mildly irregular capsule contour. There were moderate aging changes and mineralization in the cortex. Small shadowing mineralizations were present centrally. The right kidney measured 3.0 cm in length.

AGE

10 Years

Adrenal Glands

Both **adrenal glands** were visualized and found to be normal in size and shape with normal echogenicity. The left adrenal gland measured 0.38 cm in width.

WEIGHT

4.4 Pounds

Spleen

The **spleen** presented subnormal size likely owing to volume contraction. The parenchyma was normal in echotexture with no visible masses or focal lesions. There was good vascular supply at the high list demonstrated with power doppler, and no evidence of a thrombus.

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

Liver

The **liver** demonstrated normal size with mildly irregular contour. The parenchyma was mildly coarse, with increased portal markings and mild biliary tract mineralizations throughout. The **gallbladder** was moderately full. There was mineralized sand, settled out and suspended. Hyperechoic mildly irregular gallbladder walls. There was a mildly tortuous bile duct. The common bile duct measured at the upper limit of normal, 5 mm. There appeared to be narrowing at the duodenal papilla, likely from inflammation and intermittent passage of sand.

IMAGING PERFORMED BY

JK

Gastrointestinal

HOSPITAL NAME

Hamburg Vet Clinic

The **stomach** was empty with normal in size and shape. The walls exhibited normal layering throughout. The **duodenum** was normal in size and layering. The **small intestine** displayed normal layering and curvilinear patterns throughout. The **colon** wall was normal thickness and layering. The gastrointestinal tract was largely empty of ingesta.

REFERRING VET

Dr. DenHeyer

Pancreas

Dilated pancreatic duct, undulating capsule contour and mildly hypoechoic parenchyma.

INVOICE

44031

ULTRASONOGRAPHIC FINDINGS

- Chronic interstitial nephrosis pattern with renal calculi
- Gall bladder sand with tortuous bile duct, non obstructive at time of sonogram
- Mild cholangiohepatitis pattern in liver
- Aging changes in the pancreas

DATE

1/6/23



PATIENT

Pretty Pataco

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 Years

WEIGHT

4.4 Pounds

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

**IMAGING
PERFORMED BY**

JK

HOSPITAL NAME

Hamburg Vet Clinic

REFERRING VET

Dr. DenHeyer

INVOICE

44031

DATE

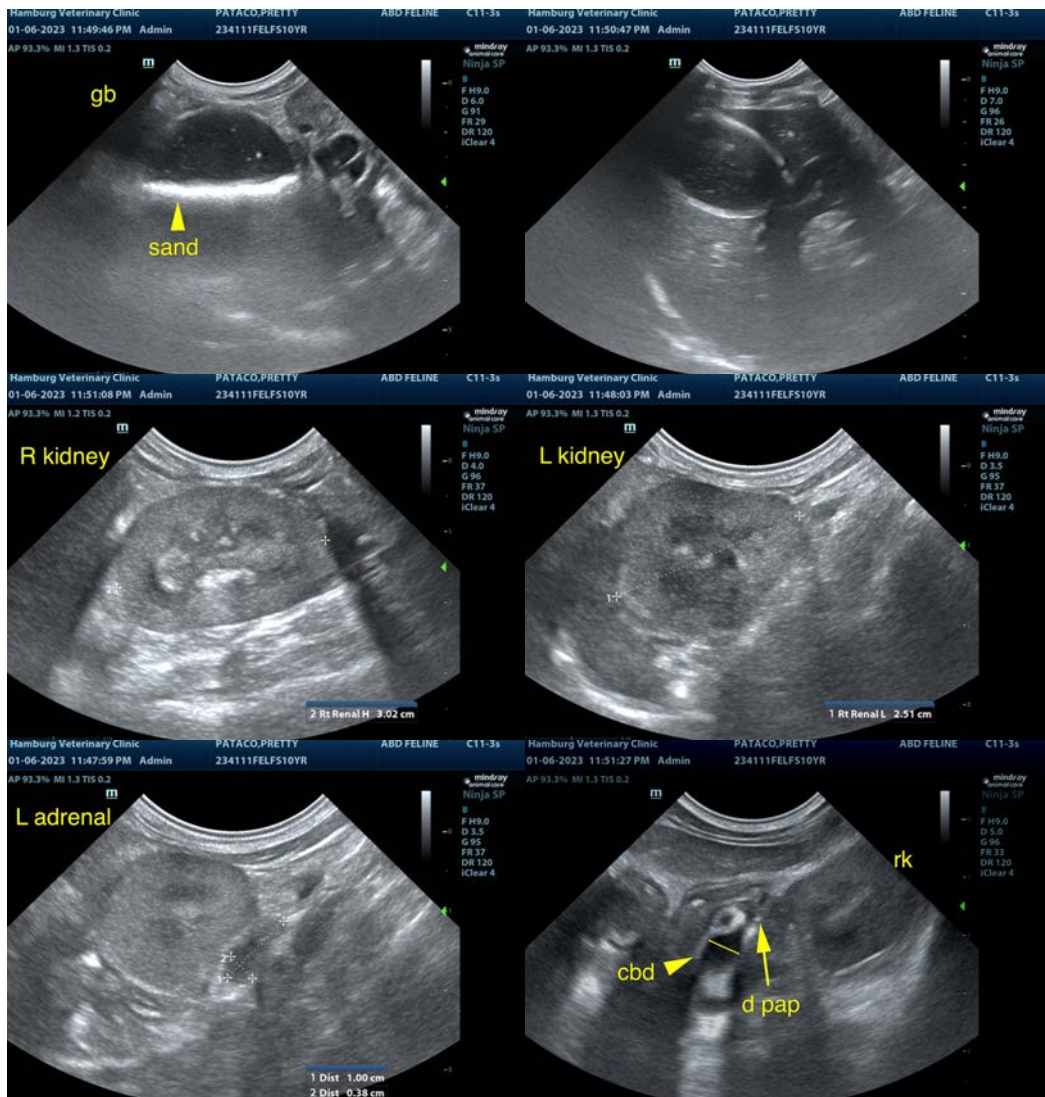
1/6/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This presentation is consistent with acute on chronic renal failure. Hospitalization with intensive fluid therapy, blood pressure measurement and urine culture may allow for temporary improvement. However, long-term prognosis is guarded.

A recent study reported a mean survival time of 66 days for cats with acute on chronic kidney disease. ([JVIM, May 2020, Acute on chronic kidney disease in cats: Etiology, clinical and clinicopathologic findings, prognostic markers, and outcome](#))

Given the normal liver enzymes, the changes in the liver are likely due to previous bouts of cholangiohepatitis, and not playing a role in the current clinical picture.





PATIENT

Pretty Pataco

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 Years

WEIGHT

4.4 Pounds

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline practice)

**IMAGING
PERFORMED BY**

JK

HOSPITAL NAME

Hamburg Vet Clinic

REFERRING VET

Dr. DenHoyer

INVOICE

44031

DATE

1/6/23



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.

Karen Ebersole, DVM, DABVP (Canine and Feline practice)
info@SonoPath.com