



PATIENT

Butters Jenkins

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 Years

WEIGHT

15.72 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Wymard

HOSPITAL NAME

Brookwood AC

REFERRING VET

Dr. Wymard

INVOICE

40039

DATE

8/1/22

PRESENTING CLINICAL SIGNS

P was seen this week for vomiting more frequently. It is typical for P to vomit hair balls, but recently it has been food and liquid. Appetite is normal (P even seems hungry) but continues to vomit. P responds to cerenia but will vomit when it wears off. Normal urination/drinking. BM last 24 hours have been hard/dark.

Abnormal PE/Chem/CBC/UA Results: Performed yesterday (7-31) - ALT (124), K (6.1), CPK (1725), hemoconcentration (HCT 49%), protein 2+, USG 1.057, T4 normal

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 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 3.5 cm. The left kidney measured 3.5 cm. Slight pinpoint mineralizations noted.

Adrenal Glands

Both **adrenal glands** were 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 0.40 cm.

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 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.

Gastrointestinal

The **stomach** revealed fluid filled lumen with minor echogenic residual chyme. Minor inflammatory pattern noted around the stomach with enhanced mesentery. The small intestine and colon were unremarkable.



PATIENT

Butters Jenkins

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 Years

WEIGHT

15.72 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Wymard

HOSPITAL NAME

Brookwood AC

REFERRING VET

Dr. Wymard

INVOICE

40039

DATE

8/1/22

Pancreas

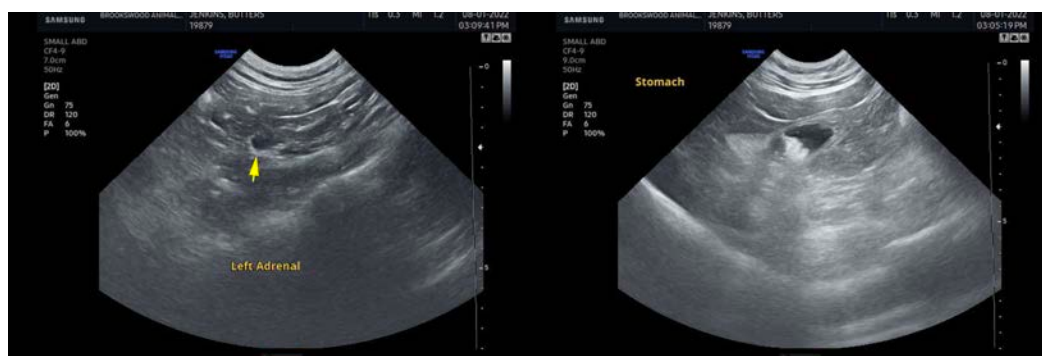
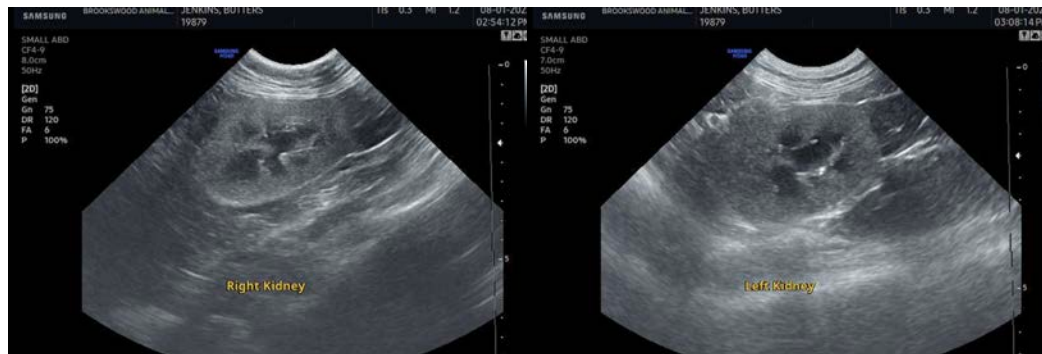
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Non-specific gastritis pattern
- Chronic interstitial nephrosis renal pattern
- Non-specific inflammatory hepatopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evident hairball densities. Diet change to hydrolyzed diet, clinical trial of Zirthomax, Metronidazole or similar could be considered, +/- low-dose Prednisolone trial +/- GI protectants. No evidence of neoplasia.





PATIENT

Butters Jenkins

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

11 Years

WEIGHT

15.72 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Wymard

HOSPITAL NAME

Brookwood AC

REFERRING VET

Dr. Wymard

INVOICE

40039

DATE

8/1/22

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.

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

info@SonoPath.com