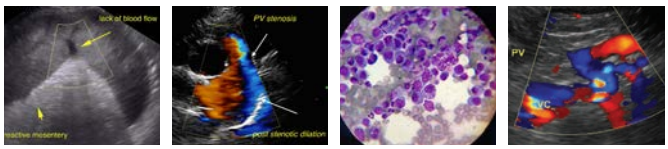

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Holly Francis

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

14 Years

WEIGHT

11.44 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Saum Hadi

HOSPITAL NAME

Bethany Family PC

REFERRING VET

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PRESENTING CLINICAL SIGNS

P has had significant weight loss in the last two years (14.66 -> 11.44). Our first exam for P in the last two years was in May 2022. P has been exhibiting intermittent regurgitation, most commonly soon following ingestion. P has significant dental disease and is scheduled with a board certified dentist for possible full mouth extractions. Work up for weight loss was recommended prior to this procedure. Recent lab work revealed possible stage 2/4 CKD. Fecal O/P Pending.
Abnormal PE/Chem/CBC/UA Results: CBC/Chem 27/UA/T4/FIV/FeLV was performed on 6/6: Creatinine 2.0 mg/dL, BUN 43 mg/dL, USG: 1.018 (negative protein, crystals, bacteria). NSF on rest of panel.

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** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 2.8 cm. The right kidney measured 3.0 cm. Moderate degenerative changes on the left, mild on the right.

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

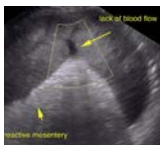
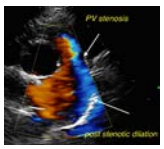
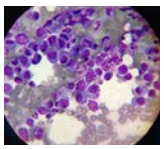
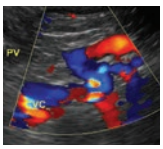
The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen was folded upon itself caudally. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated 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

A minor amount of non-shadowing, non-obstructive ingesta was noted in the **stomach**. The pyloruc was patent. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained

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throughout the GI tract. No evidence of pathology. 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

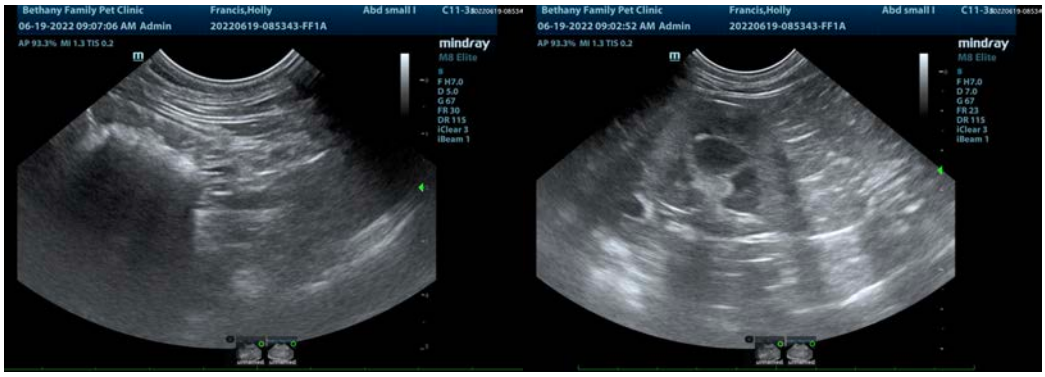
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

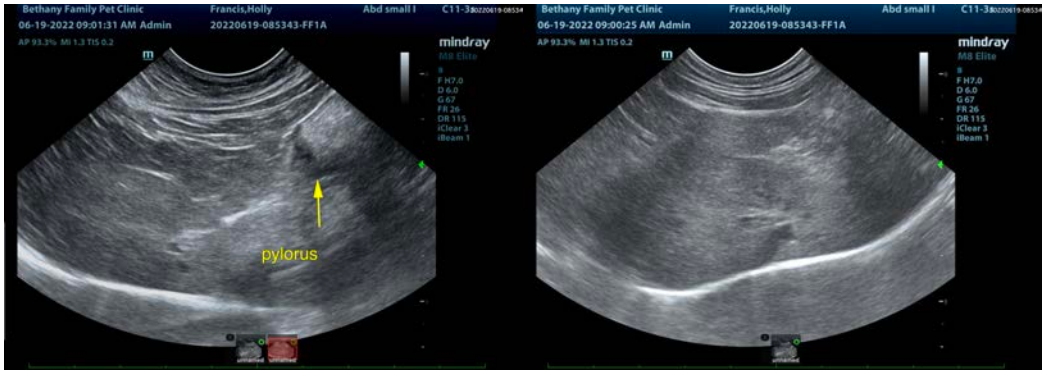
ULTRASONOGRAPHIC FINDINGS

- Age related renal and hepatic changes
- Folded spleen
- Gastric ingesta or possible hair accumulation

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Structurally unremarkable abdomen. The cause of weight loss is not evident. Expected age related changes otherwise for this patient. Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered. No evidence of neoplasia.





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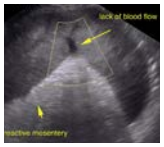
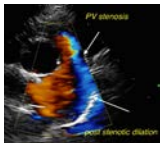
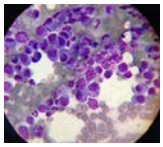
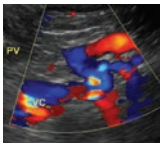

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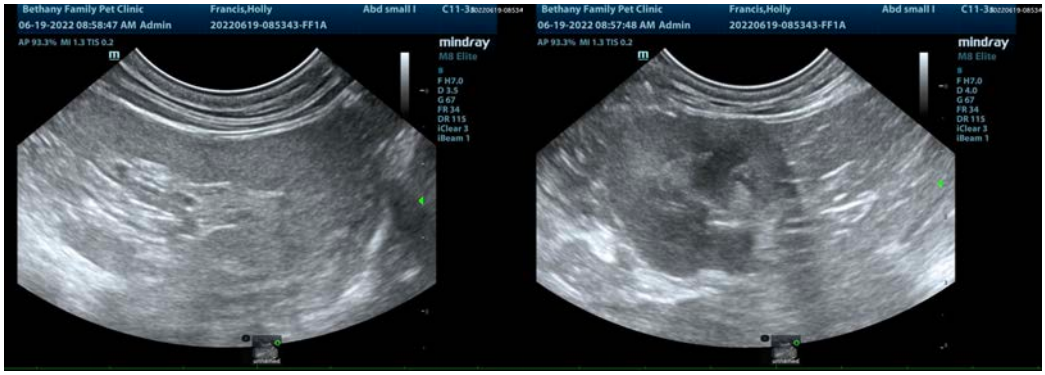

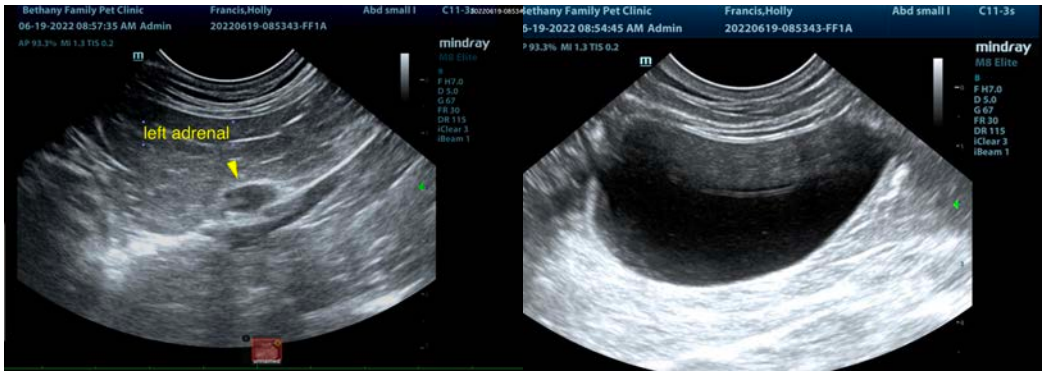

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@SonoPath.com