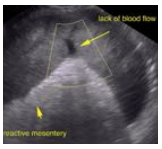
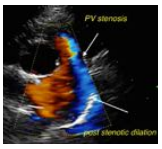
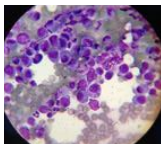
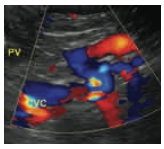
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™





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

PATIENT

Fluff Berryman

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

14 years

WEIGHT

7 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Chadbourne

INVOICE

31085

DATE

6/20/22

PRESENTING CLINICAL SIGNS

Repeated BW at annual exam, liver enzymes more elevated than in 2021. Sedated with Gabapentin PO. Abnormal PE/Chem/CBC/UA Results: PE: moderate hepatomegaly, non-painful on palpation. Small thyroid nodule palpable. BW (7/2021) ALT 901, ALP 169, T-4 3.8. BW (6/8/2022) ALT 1,243, ALP 636, T-4 3.6. Serum slt icteric, no T. Bili done.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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 was 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.59 cm. The right kidney measured 3.66 cm.

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 0.43 cm. The right adrenal gland measured 0.4 cm.

Spleen

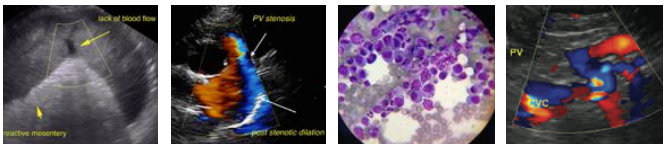
The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** revealed slight coarse hepatic architecture. The gallbladder was unremarkable.

Gastrointestinal

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall. The muscularis layer was hypertrophied inverting the normal ratio (1:3). The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic inflammation. No evidence of obstruction was present. Chronic inflammatory bowel disease is probable with a low possibility of an early neoplastic event such as lymphoma or, less likely, dry form FIP can at times be found on biopsy of these presentations. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative



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

PATIENT

Fluff Berryman

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

14 years

WEIGHT

7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Chadbourne

INVOICE

31085

DATE

6/20/22

mural sample, would be necessary to rule more significant disease than IBD. The mesenteric lymph node was enlarged in this patient and had a reactive pattern measuring 0.5 cm.

Pancreas

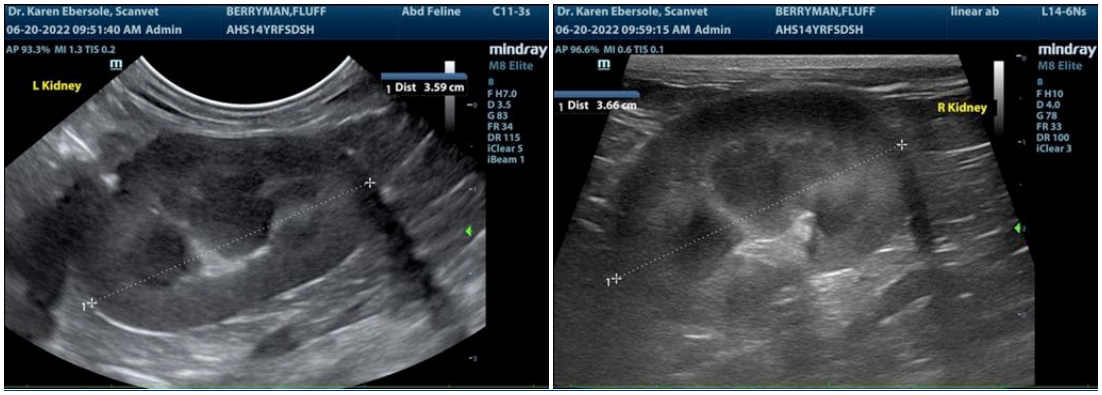
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

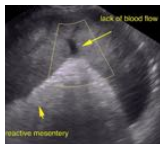
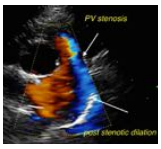
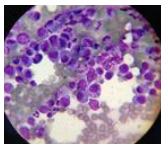
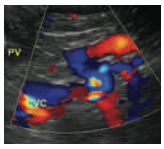
Mild, diffuse intestinal thickening with areas of spastic bowel.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of neoplasia. The clinical profile is much more dramatic than the sonographic presentation of the liver. FNA of the liver is indicated with assessment for infectious or toxin exposure. Otherwise, full thickness GI, lymph node and hepatic biopsies would be appropriate.



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

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

PATIENT

Fluff Berryman

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

14 years

WEIGHT

7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

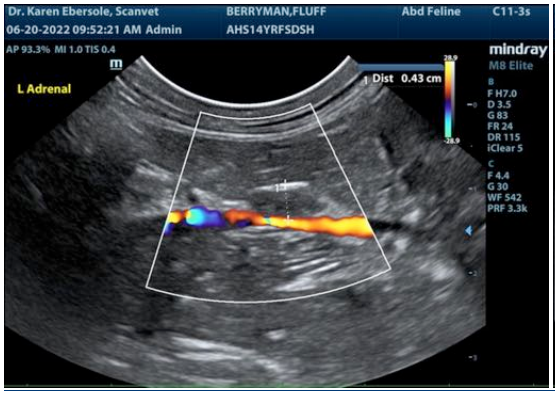
Dr. Chadbourne

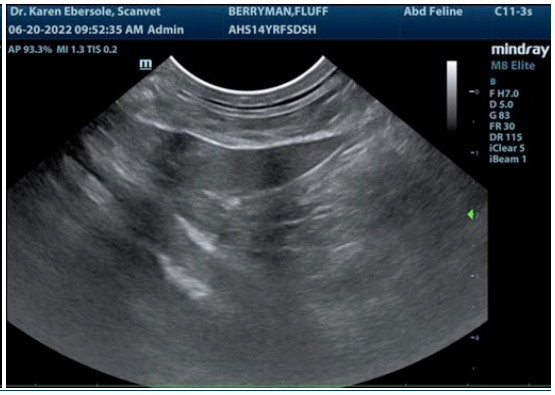
INVOICE

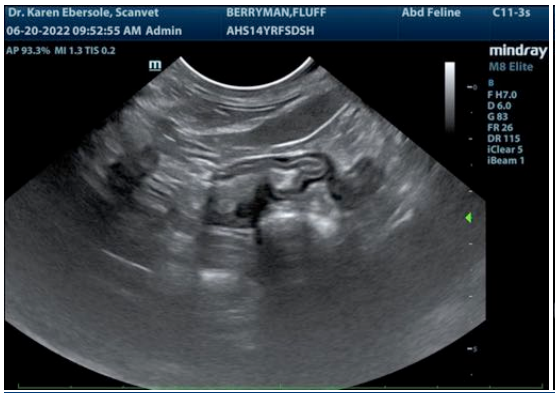
31085

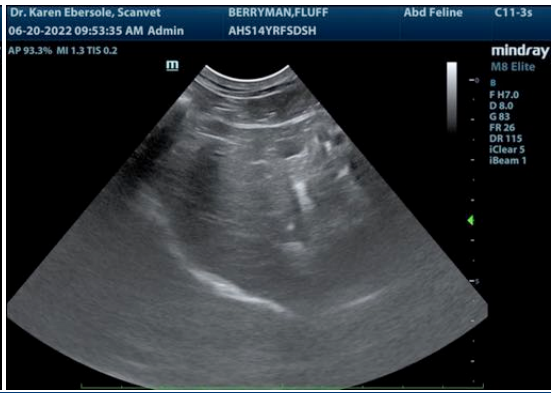
DATE

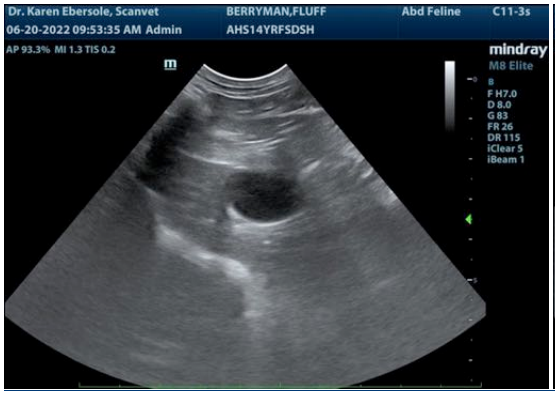
6/20/22

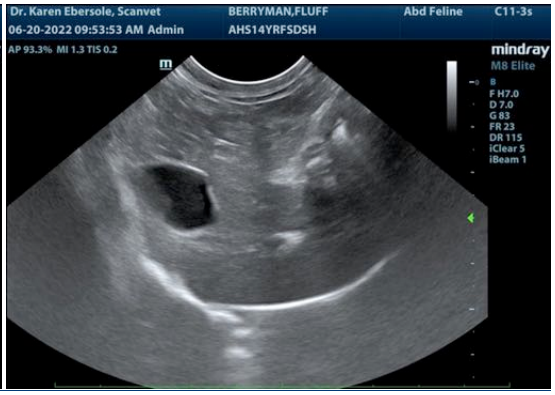


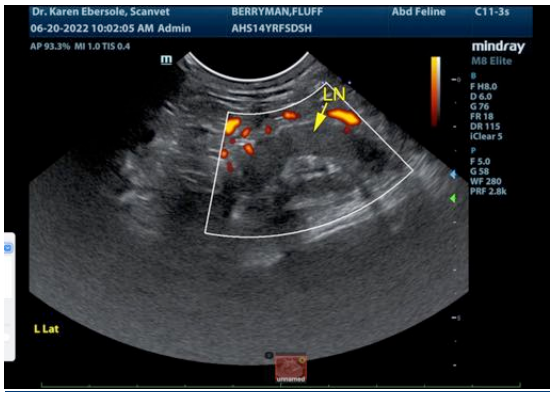




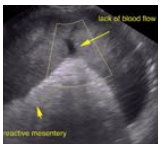


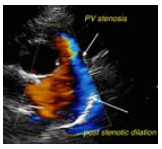


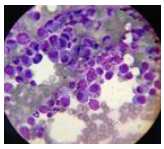
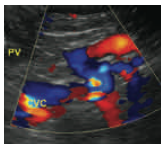




SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™





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

PATIENT

Fluff Berryman

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

14 years

WEIGHT

7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Chadbourne

INVOICE

31085

DATE

6/20/22

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