



PATIENT

Hazel Boroff

SPECIES

Feline

BREED

British Blue

SEX

Spayed Female

AGE

18 Years

WEIGHT

6.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Louise Mandeville

HOSPITAL NAME

BetterVet

REFERRING VET

Dr. Louise Mandeville

INVOICE

39373

DATE

7/9/22

PRESENTING CLINICAL SIGNS

Severe weight loss over 2 months, polyphagia
Abnormal PE/Chem/CBC/UA Results: Mild hyperglycemia, mild hyponatremia, hypochloremia, elevated neutrophils, monocytes and basophils

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 right kidney measured 3.57 cm. Slight pelvic mineralization noted. The left kidney measured 3.6 cm.

Adrenal Glands

The **adrenal glands** were uniform, yet bilaterally swollen and hypoechoic. This is most consistent with stress-induced hyperplasia. The right adrenal gland measured 0.50 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** presented lobar biliary mineralization throughout with increased portal markings. Minor cystadenomatous change noted at the cranial pole measuring 1.0 cm. A hyperechoic nodule was noted in the right cranial liver, adjacent to the diaphragm, measuring 1.6 cm. The gallbladder was unremarkable. Slight free fluid noted between liver lobes. The common bile duct was mildly dilated with minor mucus debris, measuring 0.45 cm. A hyperechoic 2.0 cm mass was noted at the termination of the common bile duct, encompassing portions of the right pancreatic limb. Concern for carcinoma in this region, especially given the free fluid.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. 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.



PATIENT

Hazel Boroff

SPECIES

Feline

BREED

British Blue

SEX

Spayed Female

AGE

18 Years

WEIGHT

6.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Louise Mandeville

HOSPITAL NAME

BetterVet

REFERRING VET

Dr. Louise Mandeville

INVOICE

39373

DATE

7/9/22

Pancreas

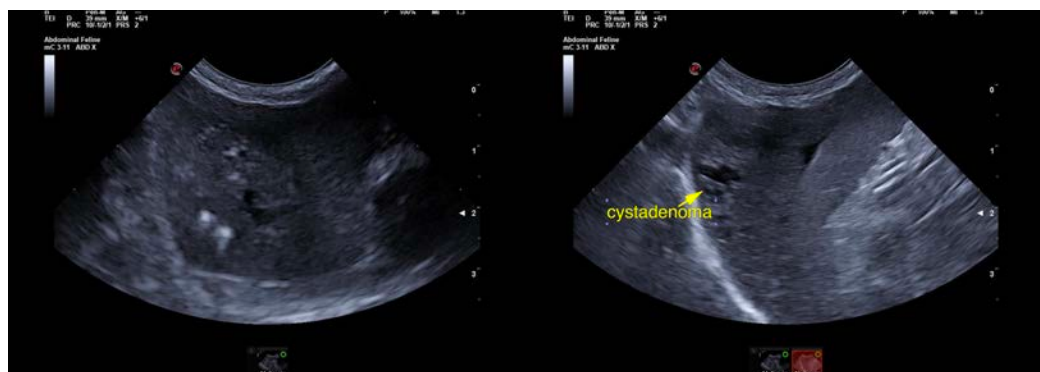
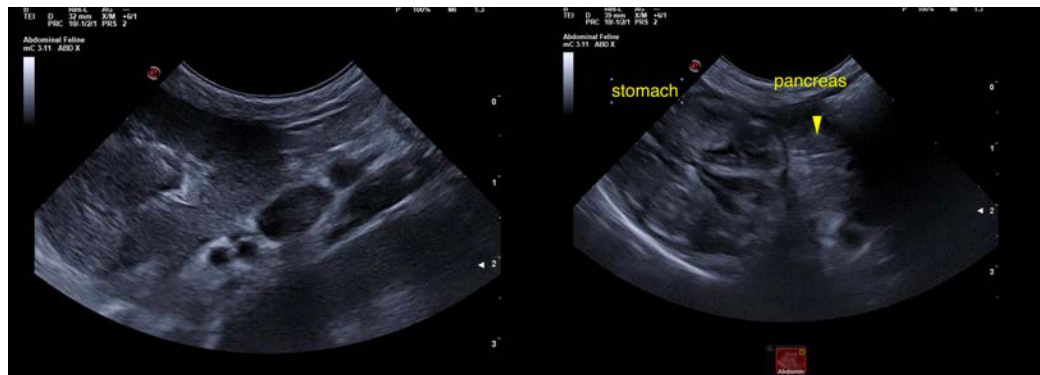
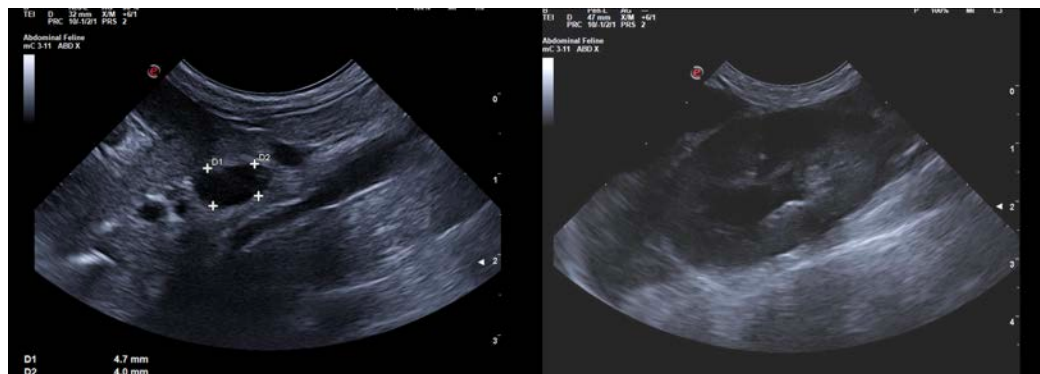
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

PRIMARY FINDINGS

- Hepatic nodules and mass with regional free fluid – strong concern for carcinoma.
- Age related abdominal changes otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA could be considered or exploratory surgery. Prognosis is guarded.





PATIENT

Hazel Boroff

SPECIES

Feline

BREED

British Blue

SEX

Spayed Female

AGE

18 Years

WEIGHT

6.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Louise Mandeville

HOSPITAL NAME

BetterVet

REFERRING VET

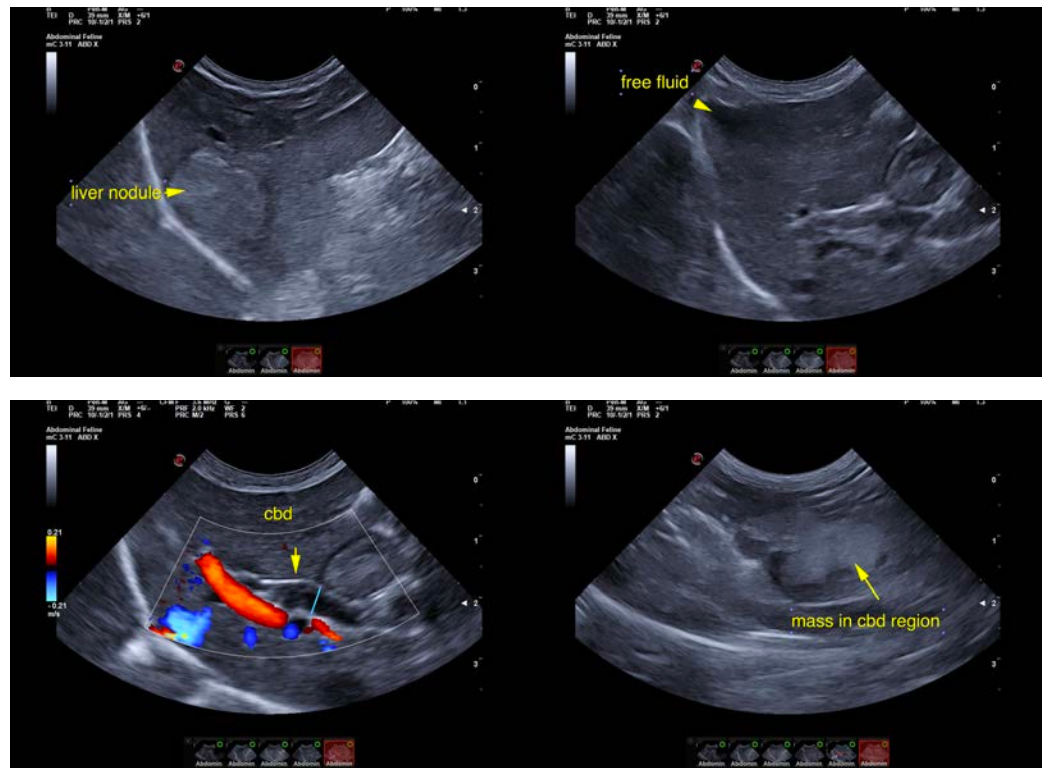
Dr. Louise Mandeville

INVOICE

39373

DATE

7/9/22



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