



PATIENT

Cleo Hanrahan

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

4 Years

WEIGHT

10 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Hanrahan

INVOICE

35027

DATE

1/22/22

PRESENTING CLINICAL SIGNS

Cleo has possibly been a little off food for 2 weeks. For the last 4 days, her abdomen has seemed slightly distended and tense. She is now not eating. No fever. On radiographs, possible focal peritonitis in left cranial abdomen. Possible bronchopneumonia.

Abnormal PE/Chem/CBC/UA Results: TP=5.9 Glob 2.8 WBC = 6600 Neut 1800 Chem is WNL fpl WNL at 2.5 Normal PT/PTT

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 pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities.

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 0.4 cm. The right adrenal gland measured 0.4 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 mild increased portal markings. The gallbladder was mildly edematous. Trace amount of free fluid noted between the liver and diaphragm. Comet tail lung pattern noted through the diaphragm. Chest radiographs warranted to assess for alveolar disease.

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.

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.



PATIENT

Cleo Hanrahan

ULTRASONOGRAPHIC FINDINGS

- Cholangitis pattern with minor hepatic remodeling
- Comet tail lung pattern

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chest radiographs warranted to assess for pathology. The gallbladder present may be owing to prior insult given that liver enzymes are not present. However, no other evidence of pathology noted in the abdomen.

BREED

DSH

SEX

Spayed Female

AGE

4 Years

WEIGHT

10 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

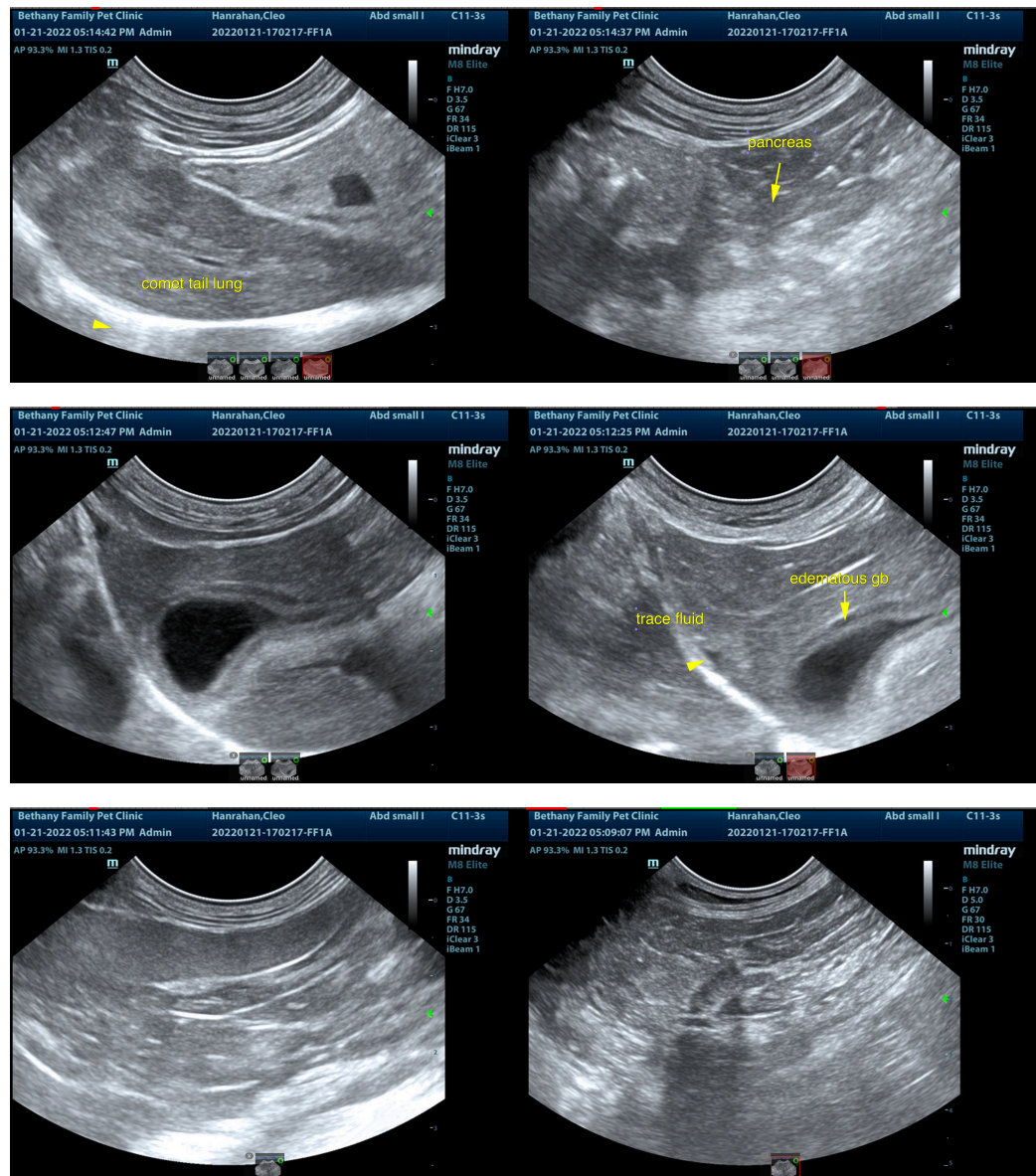
Dr. Hanrahan

INVOICE

35027

DATE

1/22/22





PATIENT

Cleo Hanrahan

SPECIES

Feline

BREED

DSH

SEX

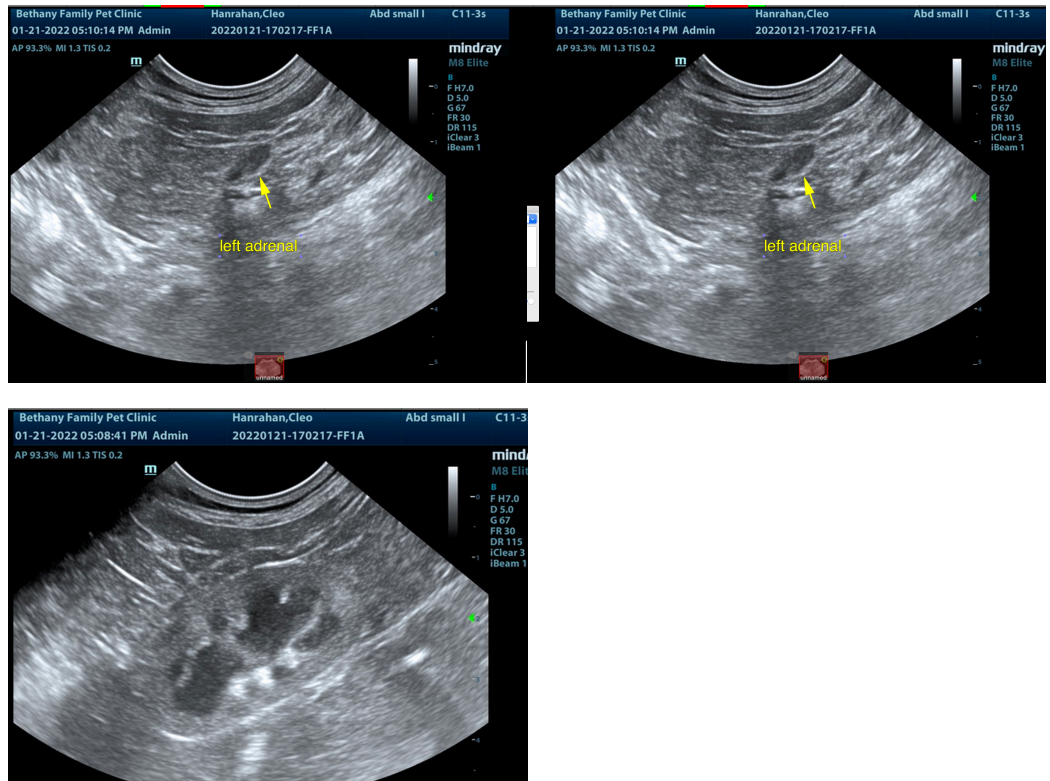
Spayed Female

AGE

4 Years

WEIGHT

10 Pounds



INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Hanrahan

INVOICE

35027

DATE

1/22/22

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