



PATIENT

Binx Bieber

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

7 Years

WEIGHT

11.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chaley Hunt, LVT

HOSPITAL NAME

Columbia AC

REFERRING VET

Dr. Michelle Engel

INVOICE

42966

DATE

11/23/22

PRESENTING CLINICAL SIGNS

Here for ascites. 10/31 - presented for bloated belly, indoor/outdoor, cytology that day: SG = 1.036, TP = 5, straw colored, slightly cloudy, no neoplastic cells, high neutrophil count. 11/8- Seen at EVH for distended belly and hair loss. Has fleas. Radiographs, brief ultrasound, fluid tap and bloodwork done there. Started Amoxi/Clav. 11/23- Tapped abdomen midway through ultrasound, removed 585 mL straw colored fluid, sticky.

Abnormal PE/Chem/CBC/UA Results: 11/8: CBC - leukocytosis with neutrophilia and a left shift
CHEMISTRY - GGT-16 VBG - mild anemia Abdominal Ultrasound -abdominal effusion Radiographs: Cardiac silhouette is adequate with normal shape and size. Lung pattern is normal. Diaphragm intact. Loss of contrast throughout abdomen. Felv/FIV/Felv: Negative Cytology abdominal fluid-Modified Transudate, but no etiologic agents found, including neoplastic cells. Unlikely to be FIP, but still could be cancer, and still could be cardiomyopathy.

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 4.35 cm. The left kidney measured 4.7 cm. Corticomedullary mineralization and cortical infarcts noted.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** was irregular and folded upon itself.

Liver

The **liver** was swollen, irregular, and hypoechoic with coarse architecture. Hyperechoic parenchymal nodules noted. Overt isoechoic liver masses also noted.

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 **pancreas** revealed nodular changes with coalescing omentum and regional lymphadenopathy. An overt mass was noted.



PATIENT

Binx Bieber

Free Abdomen

Large amount of echogenic free fluid noted.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

- Lymphomatosis/carcinomatosis type presentation with secondary ascites and splenic, hepatic, and pancreatic involvement

BREED

DSH

- Interstitial nephrosis renal pattern

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the affected organs and/or abdominocentesis and cytospin indicated for definitive diagnosis. Prognosis is poor. Hepatic veins were not dilated, no evidence of passive congestion.

SEX

Neutered Male

AGE

7 Years

WEIGHT

11.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chaley Hunt, LVT

HOSPITAL NAME

Columbia AC

REFERRING VET

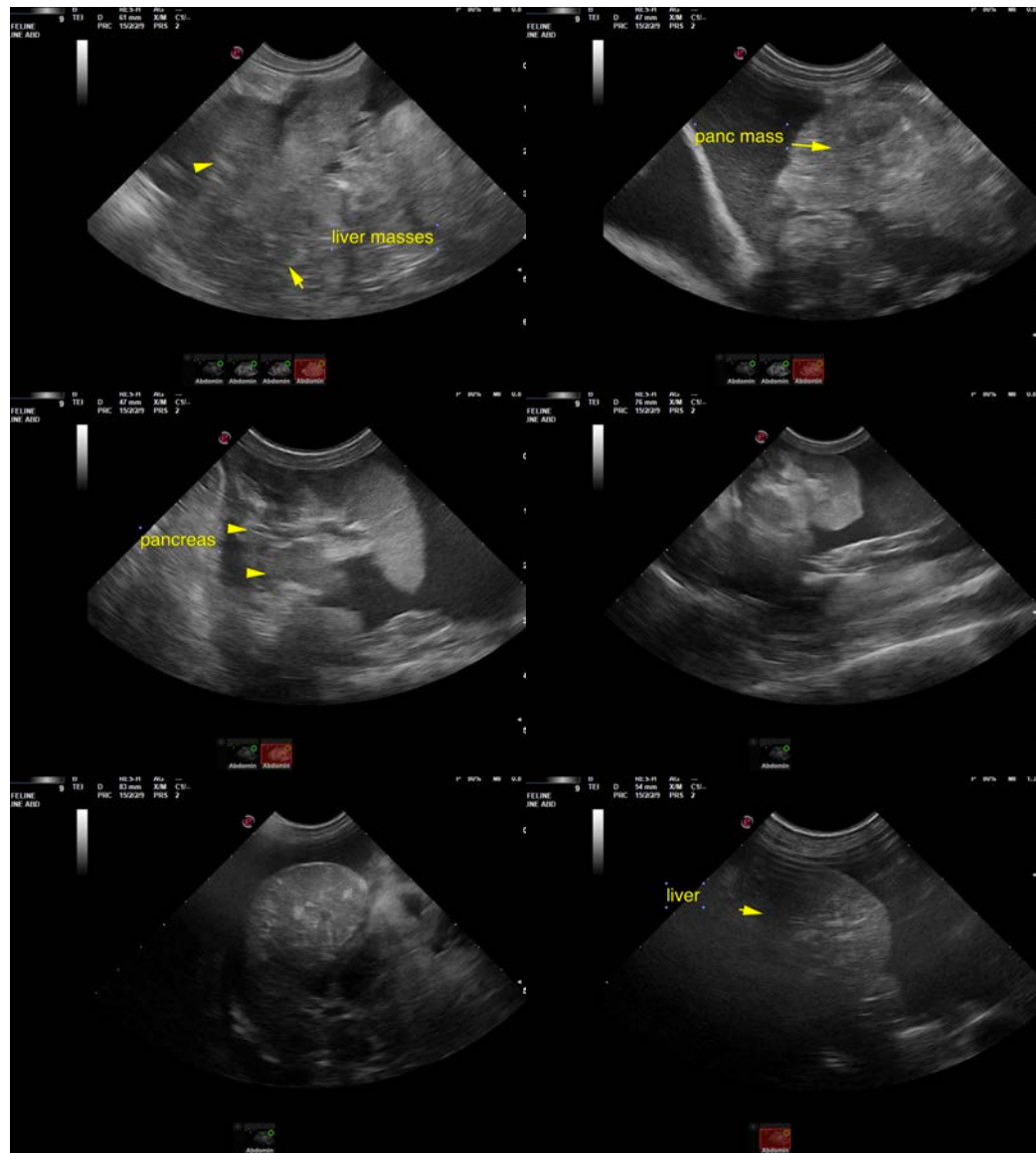
Dr. Michelle Engel

INVOICE

42966

DATE

11/23/22





PATIENT

Binx Bieber

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

7 Years

WEIGHT

11.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chaley Hunt, LVT

HOSPITAL NAME

Columbia AC

REFERRING VET

Dr. Michelle Engel

INVOICE

42966

DATE

11/23/22



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