



PATIENT

Lizzie Robinson

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12 Years

WEIGHT

9.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harold Mike Beard

HOSPITAL NAME

West Prince AH

REFERRING VET

Dr. Harold Mike Beard

INVOICE

39904

DATE

7/28/22

PRESENTING CLINICAL SIGNS

Chronic vomiting. Chronic pancreatitis. Weight loss. Abnormal PE/Chem/CBC/UA Results: Dehydration and weight loss. Superchem mild increase in glucose. FeLV/FIV negative. CBC normal. T4 normal.

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 2.0 cm beyond the cystourethral junction.

The **kidneys** presented non-specific medullary rim sign. The left kidney measured 3.0 cm. Mild increased cortical echogenicity noted.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

The **spleen** revealed multifocal hypoechoic nodular changes. The largest nodule measured up to 1.0 cm. Hyperechoic lipogranulomatous nodules also noted.

Liver

The **liver** presented multifocal hypoechoic masses that deviated the gallbladder cranially. Enhanced surrounding mesentery present. Regional free fluid noted around the liver.

Gastrointestinal

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropy" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility.

Pancreas

The caudal aspect of the left **pancreatic** limb revealed an undifferentiated mass measuring approximately 3.0 cm. Regional inflammation noted.

ULTRASONOGRAPHIC FINDINGS

- Multicentric neoplasia – likely deriving from primary pancreatic pathology. Splenic and hepatic involvement with metastatic type lesions.
- IBD GI pattern
- Age related renal changes with medullary rim sign



PATIENT

Lizzie Robinson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA warranted for further definition. Prognosis is poor. However, some response to chemotherapy could be considered based on FNA results of the pancreas, spleen and liver.

SPECIES

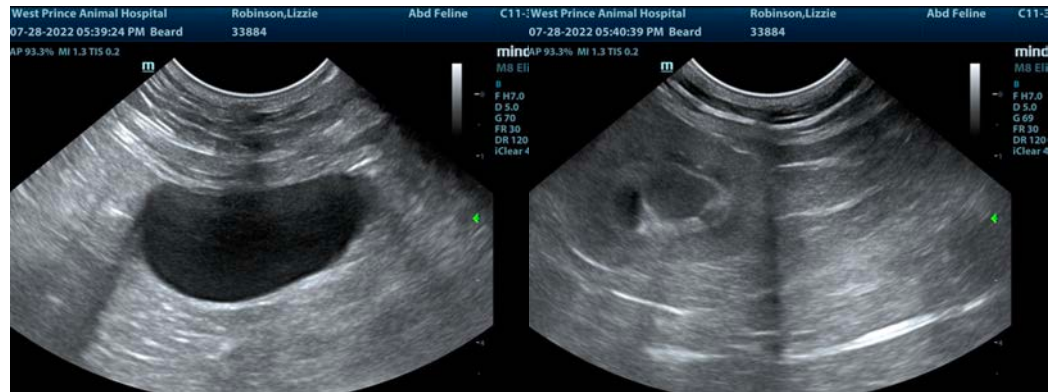
Feline

BREED

DSH

SEX

Spayed Female



AGE

12 Years

WEIGHT

9.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harold Mike Beard

HOSPITAL NAME

West Prince AH

REFERRING VET

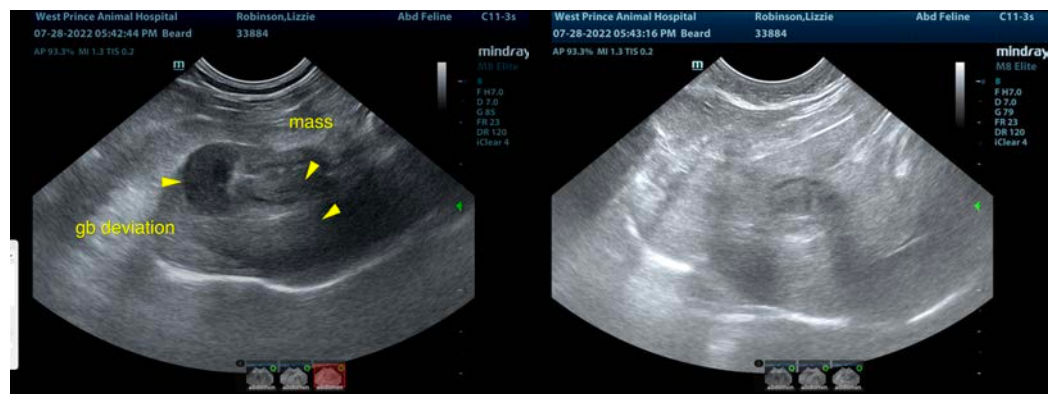
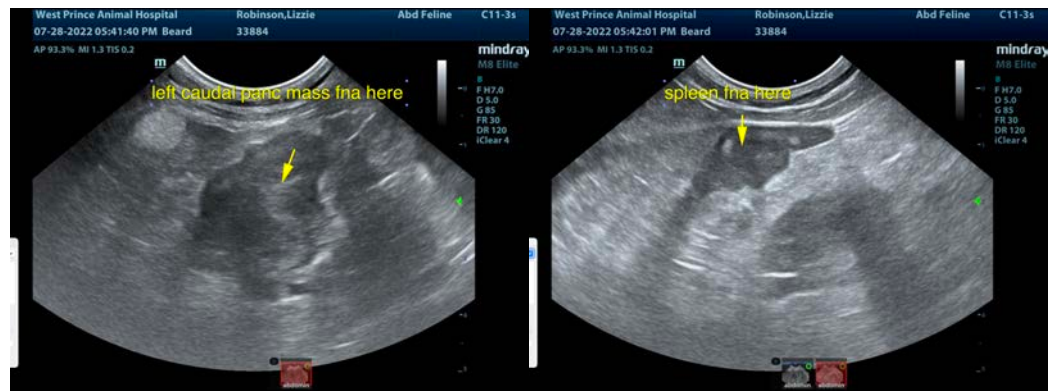
Dr. Harold Mike Beard

INVOICE

39904

DATE

7/28/22





PATIENT

Lizzie Robinson

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12 Years

WEIGHT

9.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harold Mike Beard

HOSPITAL NAME

West Prince AH

REFERRING VET

Dr. Harold Mike Beard

INVOICE

39904

DATE

7/28/22



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