

## PATIENT PRESENTING CLINICAL SIGNS

Volt Lambeth-Anderson Lethargic and anorexic. 2.6# weight loss in 6 months. Cranial abdominal mass palpated  
Abnormal PE/Chem/CBC/UA Results: AST- 286 ALT- 441 T. Bili- 2.7

## SPECIES

Feline

## BREED

DMH

## SEX

Neutered Male

## AGE

7 Years

## WEIGHT

11.7 Pounds

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Sara Hansen

## HOSPITAL NAME

Edgewood AC

## REFERRING VET

Dr. Kimball

## INVOICE

35480

## DATE

2/4/22

## 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 thickened, mildly irregular cortices with slight early subcapsular halo. The left kidney measured 4.55 cm. The right kidney measured 4.0 cm. Hyperechoic medullary rim sign noted in both kidneys.

### 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 right adrenal gland measured 0.45 cm. The left adrenal gland measured 0.31 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** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder was overdistended. The common bile duct was enveloped in the pancreatic pathology and turgid.

### Gastrointestinal

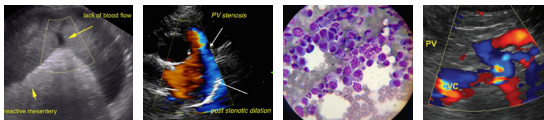
Thickened upper **gastrointestinal tract** noted with some areas of early loss of mural detail. Minor variable intestinal thickening noted with areas of free fluid.

### Pancreas

Heterogeneous, mixed hypoechoic **pancreatic** changes with reactive surrounding mesentery.

### Free Abdomen

A minor amount of free fluid was noted.



**PATIENT**      **ULTRASONOGRAPHIC FINDINGS**

Volt Lambeth-Anderson  
**SPECIES**  
 Feline

- Extensive pancreatic pathology with post-hepatic obstruction and envelopment of the upper gastrointestinal tract
- Reactive spleen
- Free fluid
- Medullary rim kidneys

**BREED**      **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

DMH

Possibility of underlying neoplasia such as lymphoma. Treatment for pancreatitis warranted with recheck sonogram in 48-72 hours. Ultrasound guided FNA of the pockets of free fluid with cytospin warranted to rule out exfoliating neoplasia such as lymphomatosis or carcinomatosis. If accessible, FNA of the hypoechoic portion of the pancreas warranted. FNA spleen and liver warranted. The palpable abdominal mass appears to be involving the pancreas and omentum. However, visibility was poor owing to omental patching and adhesions. Otherwise, exploratory surgery would be necessary for further definition. Prognosis is guarded.

**SEX**

Neutered Male

**AGE**

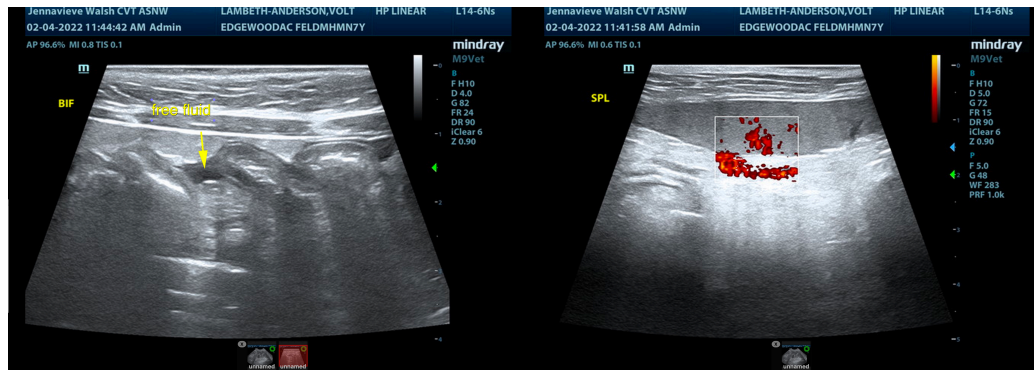
7 Years

**WEIGHT**

11.7 Pounds

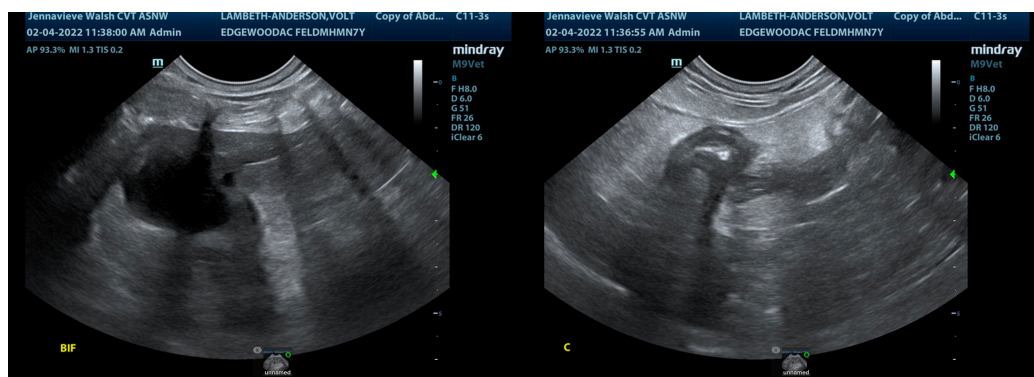
**INTERPRETED BY**

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS



**IMAGING PERFORMED BY**

Sara Hansen



**HOSPITAL NAME**

Edgewood AC

**REFERRING VET**

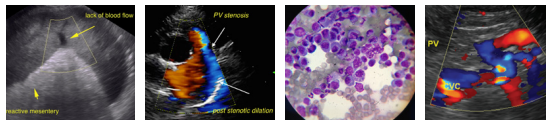
Dr. Kimball

**INVOICE**

35480

**DATE**

2/4/22



**PATIENT**

Volt Lambeth-Anderson  
**SPECIES**

Feline

**BREED**

DMH

**SEX**

Neutered Male

**AGE**

7 Years

**WEIGHT**

11.7 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Edgewood AC

**REFERRING VET**

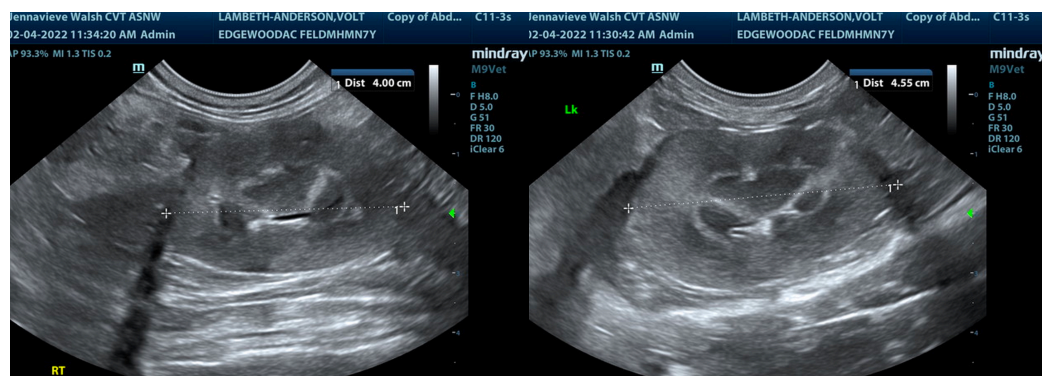
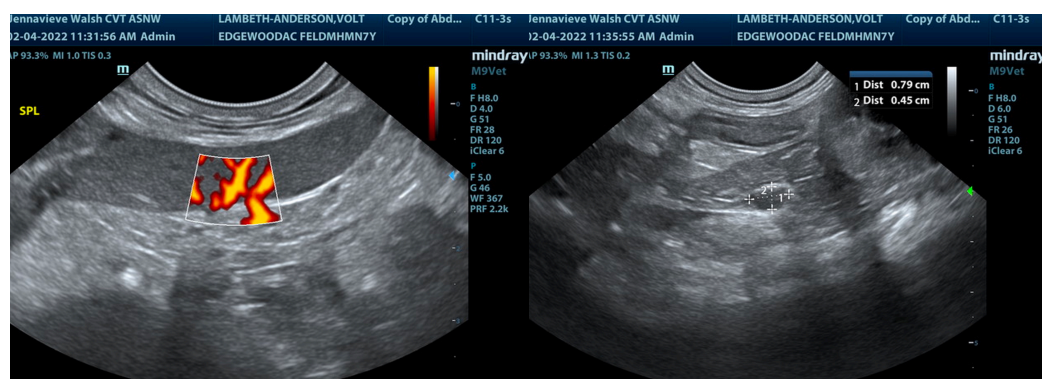
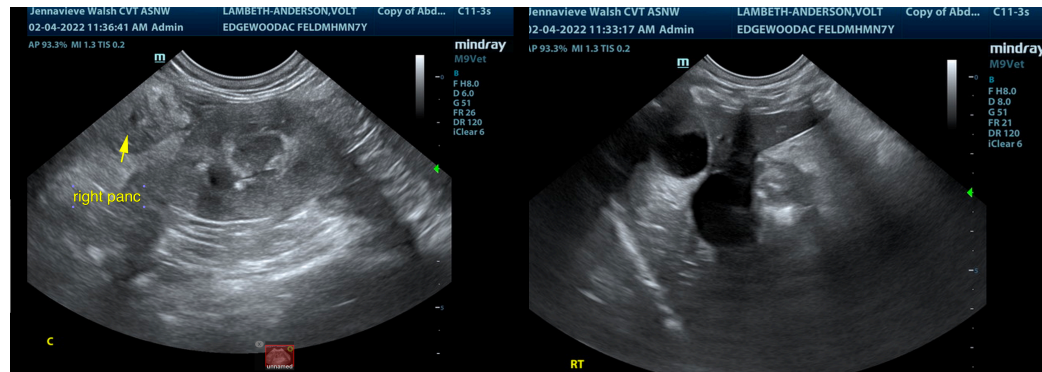
Dr. Kimball

**INVOICE**

35480

**DATE**

2/4/22



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](mailto:info@SonoPath.com)