

**PATIENT**

Little Lillington

**PRESENTING CLINICAL SIGNS**

History: Lethargy, weight loss, pruritic, thin fur

**SPECIES**

Mustelidae

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Ferret

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 was noted. Ureteral papillae were normal.

**SEX**

Neutered Male

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 left kidney measured 3.2 cm with trace pyelectasia. The right kidney measured 3.34 cm with occasional cortical cyst.

**AGE**

5 years

**Adrenal Glands**

**WEIGHT**

2.3 Pounds

The left **adrenal gland** was at the upper limits of normal. The left adrenal gland measured 0.32 cm at maximum width. The region of the right adrenal revealed no evidence of pathology.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

The **spleen** was mildly enlarged and measured up to 1.5 cm in width with scalloping, irregular contour.

**IMAGING PERFORMED BY**

Rebekah Jakum, CVT  
ARDMS/RVT

**Liver**

The **liver** revealed minor, heterogenous hepatic changes with microcystic lesions. This is consistent with cystadenoma and measured up to 2.0 x 1.5 cm with regional inflammation. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

**HOSPITAL NAME**

Brodheads ville VC

**Gastrointestinal**

**REFERRING VET**

Dr. Goldstein

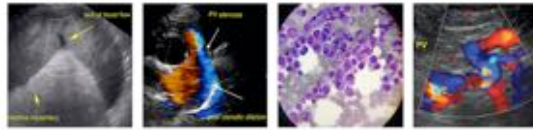
Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph node was enlarged, hypoechoic and irregular.

**INVOICE**

94632

**DATE**

12.15.2021



**PATIENT** *Pancreas*

Little Lillington 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.

**SPECIES**

Mustelidae

**Free Abdomen**

**BREED**

Ferret

Free fluid was noted in the cranial abdomen. An epigastric lymph node mass was noted with regional inflammation and a cystic component. Other smaller lymph nodes were enlarged. Grouping of the nodes measured up to 2.0 cm. The lymph nodes deviated the stomach caudally. Multi-focal, hypoechoic lymph nodes were noted throughout the pyloric outflow region and secondary inflammation extending to the pancreas.

**SEX**

Neutered Male

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

5 years

Multi-centric lymphadenopathy with significant inflammatory component. Most likely round cell neoplasia/lymphoma.

Benign cystic hepatic nodule.

**WEIGHT**

2.3 Pounds

Chronic interstitial nephrosis renal pattern.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

Ultrasound-guided FNA of the variable lymph nodes and spleen are recommended. There was a significant amount of inflammation noted. The prognosis is guarded to poor.

**IMAGING PERFORMED BY**

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ARDMS/RVT

**HOSPITAL NAME**

Brodheads ville VC

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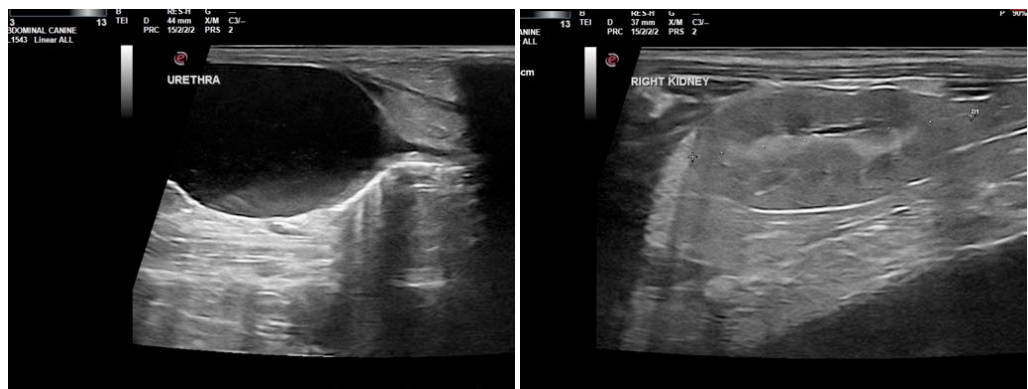
Dr. Goldstein

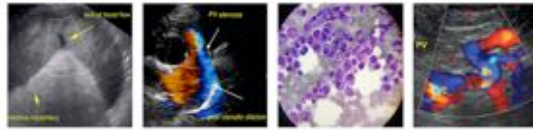
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**PATIENT**

Little Lillington

**SPECIES**

Mustelidae

**BREED**

Ferret

**SEX**

Neutered Male

**AGE**

5 years

**WEIGHT**

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DABVP, Cert. IVUS

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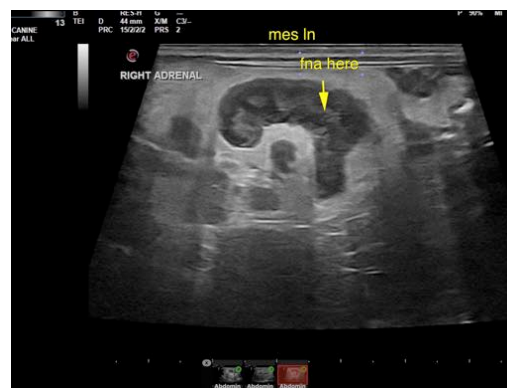
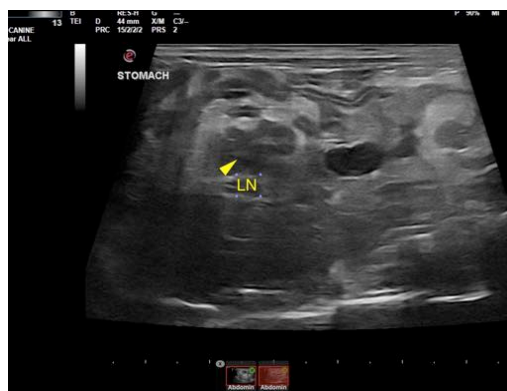
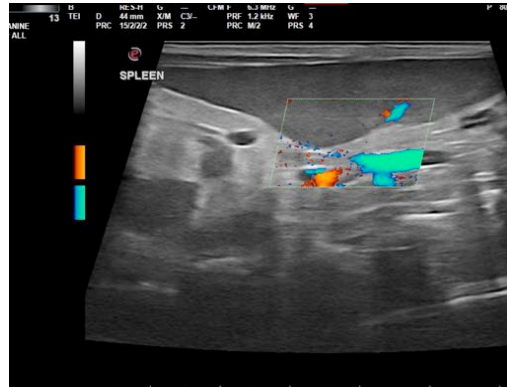
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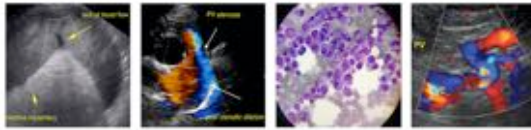
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**PATIENT**

Little Lillington

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Mustelidae

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.

**BREED**

Ferret

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
Eric.Lindquist@SonoPath.com

**SEX**

Neutered Male

**AGE**

5 years

**WEIGHT**

2.3 Pounds

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