

**PATIENT**

Lexy Damewood

**SPECIES**

Canine

**BREED**

American Shorthair

**SEX**

Spayed female

**AGE**

16 years

**WEIGHT**

8.3 lbs

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Cottage Grove VH

**REFERRING VET**

Dr. Damewood

**DATE**

7/20/22

**Invoice**

31834

**PRESENTING CLINICAL SIGNS**

History: Gradual weight loss over last 3 months. Iris stage 2 renal disease.  
Abnormal PE/Chem/CBC/UA Results: Bacteria noted in urinalysis. Culture pending. WBC 22,000 with increased monocytes.

**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 was noted. Ureteral papillae were normal.

The **kidneys** presented moderate dystrophic changes with mineralization, infarcts and remodeling. Subjectively the kidneys appear 50% compromised. The left kidney measured 4.09 cm. The right kidney measured 3.43 cm. Blood flow to the left kidney was subnormal on power Doppler assessment.

**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 0.34 cm.

**Spleen**

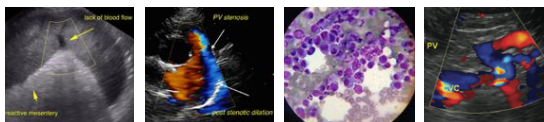
The **spleen** was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour. This is consistent with reactive spleen owing to immune stimulus or early infiltrative disease such as mast cell disease or lymphoma. 25-gauge FNA would be ideal if weight loss is an issue to differentiate early round cell neoplasia versus splenitis or reactive spleen all of which can present in this manner. The spleen measured 1.1 cm.

**Liver**

The **liver** was enlarged with coarse architecture and increased portal markings. Occasional, hypoechoic, nodular change was noted. Minor hepatic enlargement was present. The gallbladder was empty.

**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



**PATIENT**

Lexy Damewood

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**SPECIES**

Canine

**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.

**BREED**

American Shorthair

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Spayed female

Hepatic nodular changes.

Renal dystrophy.

Scalloping spleen.

**AGE**

16 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

8.3 lbs

FNA of the liver and spleen is indicated. There is concern for emerging round cell neoplasia. Splenic and hepatic aspirates are recommended.

Given the UTI embedded bacteria within either kidney may be an issue. Long term antibiotics will likely be necessary to clear underlying infection.

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Cottage Grove VH

**REFERRING VET**

Dr. Damewood

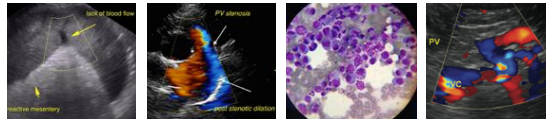


**DATE**

7/20/22

**Invoice**

31834



**PATIENT**

Lexy Damewood

**SPECIES**

Canine

**BREED**

American Shorthair

**SEX**

Spayed feamle

**AGE**

16 years

**WEIGHT**

8.3 lbs

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Cottage Grove VH

**REFERRING VET**

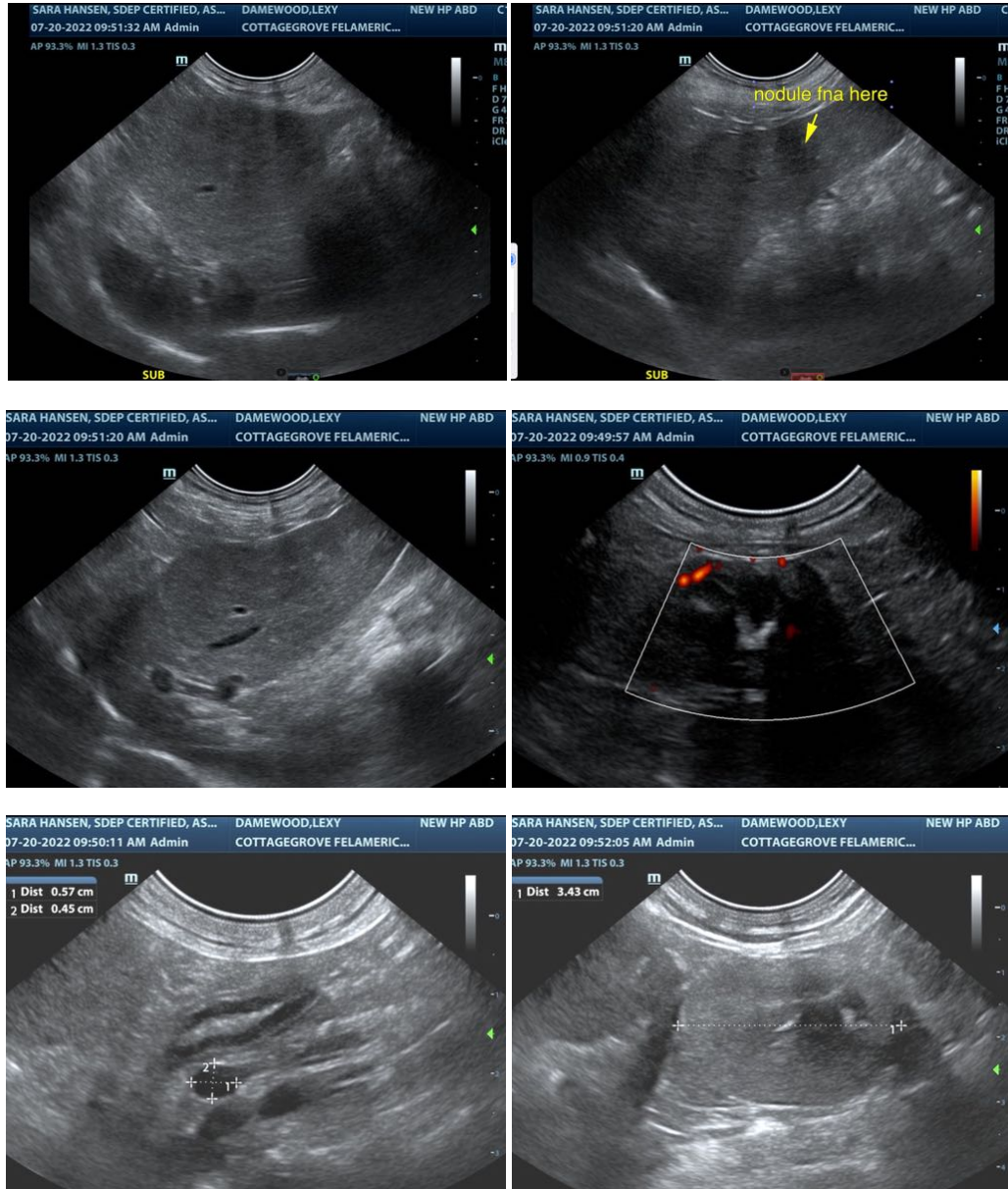
Dr. Damewood

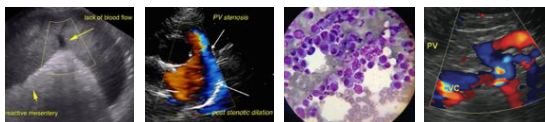
**DATE**

7/20/22

**Invoice**

31834





**PATIENT**

Lexy Damewood

**SPECIES**

Canine

**BREED**

American Shorthair

**SEX**

Spayed female

**AGE**

16 years

**WEIGHT**

8.3 lbs

**INTERPRETED BY**

**Eric Lindquist, DMV,  
DABVP, Cert. IVUSS**

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Cottage Grove VH

**REFERRING VET**

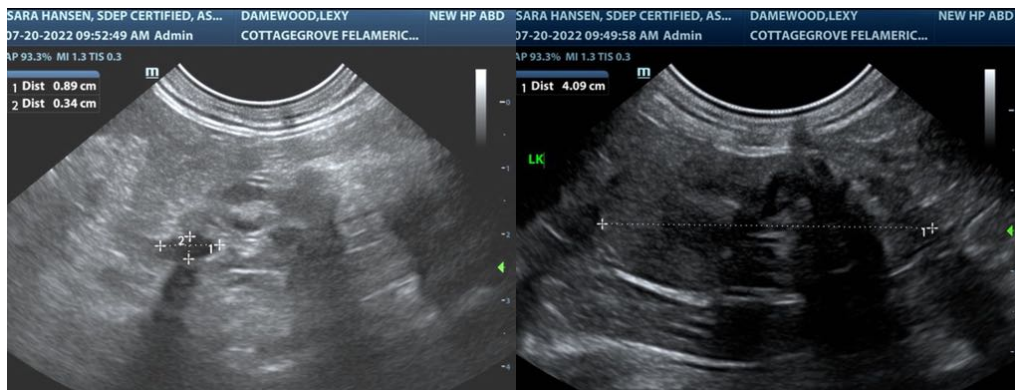
Dr. Damewood

**DATE**

7/20/22

**Invoice**

31834



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

Eric.Lindquist@SonoPath.com