



**PATIENT**

Amelia Moulder

**SPECIES**

Canine

**BREED**

Beagle

**SEX**

Spayed female

**AGE**

10 ½ years

**WEIGHT**

38 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Mack

**HOSPITAL NAME**

Northside VC

**REFERRING VET**

Dr. Mack

**INVOICE**

32554

**DATE**

8/25/22

**PRESENTING CLINICAL SIGNS**

History: PU/PD and has been coughing 1-2 times daily for a few months 2/6 Heart Murmur Patient is currently on heart meds

Abnormal PE/Chem/CBC/UA Results: Pending LDDST

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** revealed minor mucosal polypoid changes along with a minor amount of dependent debris. This is consistent with cystitis.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Both kidneys measured 5.0 cm.

**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 left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.5 cm.

**Spleen**

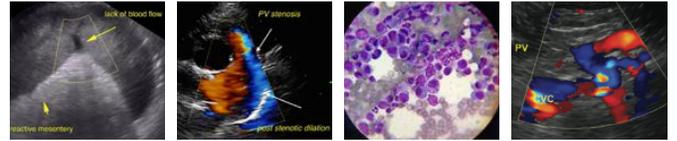
The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. Occasional hypoechoic nodule was noted and non-disruptive. This is a positional variant and is not pathological. There was no evidence of significant disease.

**Liver**

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

**Gastrointestinal**

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.



**PATIENT**

Amelia Moulder

**Pancreas**

**SPECIES**

Canine

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**

Beagle

**ULTRASONOGRAPHIC FINDINGS**

Benign hepatopathy with mild remodeling.

Structurally normal adrenal glands.

**SEX**

Spayed female

Minor age related renal changes.

Cystitis bladder pattern.

**AGE**

10 ½ years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no significant structural evidence of disease that would be responsible for the PU/PD. Early PDH/Cushing's could be an issue; however, work-up for lower urinary tract infection would be warranted.

**WEIGHT**

38 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS



**IMAGING PERFORMED BY**

Mack

**HOSPITAL NAME**

Northside VC

**REFERRING VET**

Dr. Mack

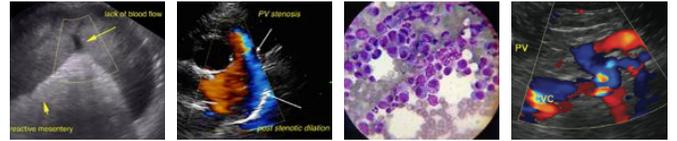
**INVOICE**

32554

**DATE**

8/25/22





**PATIENT**

Amelia Moulder

**SPECIES**

Canine

**BREED**

Beagle

**SEX**

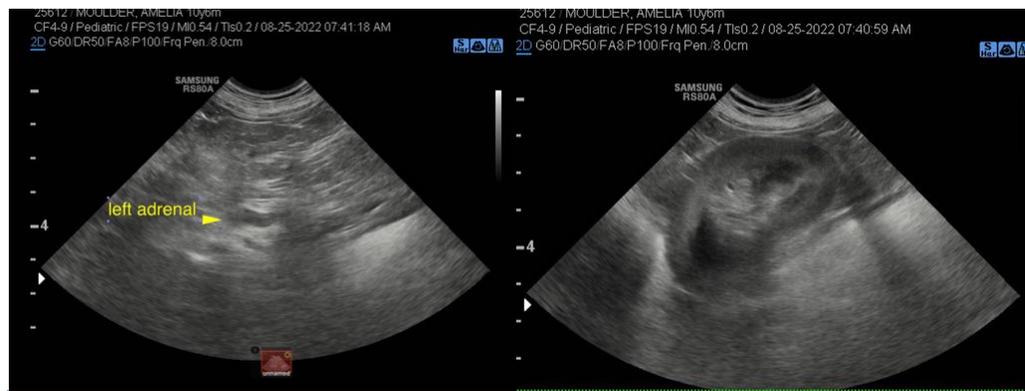
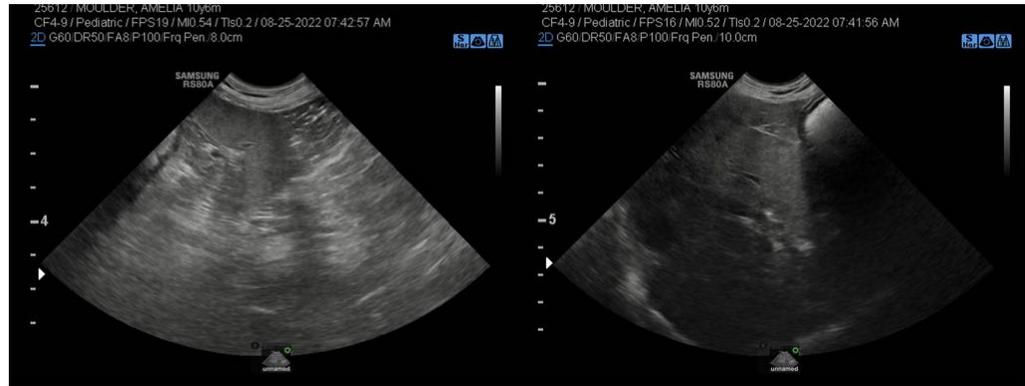
Spayed female

**AGE**

10 ½ years

**WEIGHT**

38 lbs



**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Mack

**HOSPITAL NAME**

Northside VC



**REFERRING VET**

Dr. Mack

**INVOICE**

32554

**DATE**

8/25/22

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