

**DATE PRESENTING CLINICAL SIGNS**

10/18/22

Chronic cough/gag. Intermittent GI upset. Cough improves with Pepcid but also has features to suggest primary airway (hoarse bark, cough is worst with exercise or excitement). Additional history of atopy and Malassezia dermatitis.

**PATIENT**

Luna Greco

Current Medications: Benadryl 25mg BID, Pepcid 10mg BID, Ketoconazole 50mg once daily, Provable once daily, Cyclosporine 25mg once daily, CBD oil, Cytopoint, Sentinel spectrum. Today starting hydrocodone 2.5mg BID

**SPECIES**

Canine

Lab Results: 9/27: BUN 6, Na 161, otherwise unremarkable chem. Cortisol <1.0 (subsequent stim normal). Today: CBC WNL

Radiographs: Thoracic rads from primary vet--no significant findings

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Andi Parkinson, BS, RDMS.

**BREED**

Beagle

**SEX**

Female, spayed

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System**

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

**AGE**

2/17/2010

**WEIGHT**

10kg.

The left kidney is normal in size (5.02 cm in length) with a normal shape, smooth peripheral margins and normal internal architecture. There is mild loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
 Diplomate ACVIM  
 (Small Animal Internal  
 Medicine)

The right kidney is normal size (5.62 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

**HOSPITAL NAME**

Nexus Veterinary  
 Specialists

**Adrenal Glands**

The left adrenal gland is normal size (0.46 cm at cranial pole) (0.58 cm at caudal pole) (1.77 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**REFERRING VET**

Dr. Steele

The right adrenal gland is normal size (0.73 cm at cranial pole) (0.48 cm at caudal pole) (2.36 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**Spleen**

The spleen is normal in size (1.46 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

**INVOICE**

14109

**Liver**

The liver is normal to slightly prominent in size with normal curvilinear peripheral contours. The parenchyma is slightly hypoechoic relative to the spleen and homogeneous in appearance. No discreet focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of aggregated echogenic mostly

gravity-dependent debris/sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

### ***Gastrointestinal***

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

### ***Pancreas***

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

### ***Free Abdomen***

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

### ***Other***

A uterine stump is visible (0.46 cm in diameter). No obvious pathology is seen.

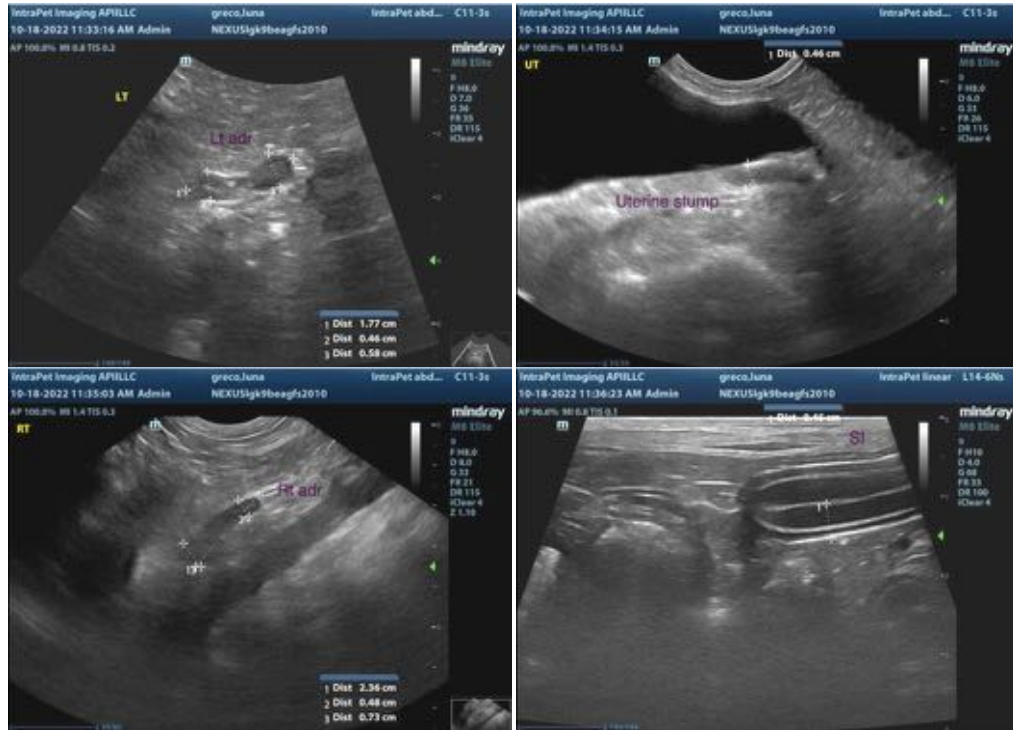
## **ULTRASONOGRAPHIC FINDINGS**

- The mild hepatomegaly is consistent with a benign hepatopathy (i.e., vacuolar hepatopathy).
- Minor bilateral age-related renal changes.
- Visible uterine stump- incidental.

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

Further diagnostic and treatment recommendations are to be implemented by Dr. Cara Steele.





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.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
info@SonoPath.com