



## PATIENT

Cookie Guerriero

## SPECIES

Canine

## BREED

Beagle Mix

## SEX

Spayed Female

## AGE

9 years 4 months

## WEIGHT

42.2

## INTERPRETED BY

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

## IMAGING PERFORMED BY

Heather

## HOSPITAL NAME

Animal Care Clinic of  
Flanders

## REFERRING VET

Dr. Hallihan

## INVOICE

11398

## DATE

2/27/2026

## PRESENTING CLINICAL SIGNS

- Protein losing myopathy, PU/PD.
- Meds: Telimisartan - 40g 1 and 1/4 SID, epikatin BID, enalapril 10mg 1 and 1/2 BID, Dasuquin 1 SID - Eicosacaps 1 sid, adequan, k/d diet

Abnormal PE/Chem/CBC/UA Results: creat - 2.0, BUN - 43, PHOS 6.3, K 5.8, ALK PHOS - 1212, AMYLASE 1801 LIPASE 451

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder is moderately distended with anechoic urine, and no luminal sediment is present. The ureteral papillae, trigone and pelvic urethra are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted. The urethra is not visualized, presumably due to an intrapelvic location.

Both kidneys are hyperechoic, with a reduced corticomedullary ratio, and mildly decreased cortico-medullary differentiation. There is no evidence of nephrolithiasis, mineralization, pyelectasia or hydronephrosis. The proximal ureters are not visible (normal). The left kidney is 5.8 cm in length. The right kidney is 5.9 cm in length.

### Adrenal Glands

The left adrenal gland is identified in its normal location. It is of normal size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. The left adrenal gland height is 5.0 mm at the cranial pole. The right is not distinctly visualized, but the region appears unremarkable.

### Spleen

There are multiple hyperechoic masses within the splenic parenchyma, with no visible deviation of the splenic capsule. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal.

### Liver

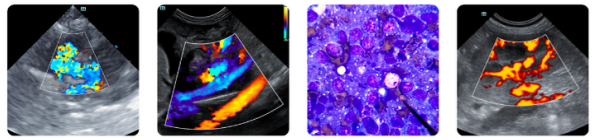
The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

The gallbladder is moderately distended with anechoic bile, sludge, and some mineralized material. The wall was thin and continuous with small focal polypoid lesions. The cystic and common bile ducts are normal / not visible.

### Gastrointestinal

The stomach is empty. The gastric wall is normal deviations due to rugal folds, and exhibits appropriate wall layering. The pylorus is of normal appearance.

The visualized portions of the duodenum, jejunum, and ileum are of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. Intestinal motility appears normal.



## PATIENT

Cookie Guerriero

The visible portions of the colon are of normal thickness, 1.6 mm, with intact wall layering. The ileocecal junction is not visualized.

## SPECIES

Canine

### *Pancreas*

The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

## BREED

Beagle Mix

### *Free Abdomen*

There is no evidence of free fluid within the peritoneal cavity. The left renal lymph nodes were mildly enlarged, up to 1.0 cm with normal short to long axis ratio and appropriate echogenicity. The aortic trifurcation has normal blood flow with no evidence of thrombosis.

## SEX

Spayed Female

## AGE

9 years 4 months

## PRIMARY FINDINGS

- Bilateral non-specific renal changes, typical of chronic interstitial nephritis.
- Reactive left renal lymph nodes.

## WEIGHT

42.2

## SECONDARY FINDINGS

- Hyperechoic splenic nodules, typical of benign myelolipomas.

## INTERPRETED BY

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes to the kidneys are non-specific, but might be seen with chronic degenerative change, pyelonephritis, interstitial nephritis, or possibly amyloidosis. Additional recommendations include:

- Feeding a prescription renal diet.
- Ongoing monitoring of the UPC ratio and serum albumin, along with renal values and electrolytes to optimize medication dosing.
- Blood pressure measurement, if not already performed.
- Clopidogrel at 1-2mg/kg once daily if albumin levels are <2.0.
- Definitive diagnosis would require renal biopsy.

## IMAGING PERFORMED BY

Heather

## HOSPITAL NAME

Animal Care Clinic of  
Flanders

## REFERRING VET

Dr. Hallihan

## INVOICE

11398

## DATE

2/27/2026





## PATIENT

Cookie Guerriero

## SPECIES

Canine

## BREED

Beagle Mix

## SEX

Spayed Female

## AGE

9 years 4 months

## WEIGHT

42.2

## INTERPRETED BY

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

## IMAGING PERFORMED BY

Heather

## HOSPITAL NAME

Animal Care Clinic of  
Flanders

## REFERRING VET

Dr. Hallihan

## INVOICE

11398

## DATE

2/27/2026



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.

**Tam Mengine, DVM, DABVP (canine/feline practice)**

info@SonoPath.com