

## PATIENT

Betty Pullen

## SPECIES

Feline

## BREED

DSH

## SEX

FS

## AGE

3y

## WEIGHT

7.9 lbs.

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## IMAGING PERFORMED BY

Vincent Ravancho,  
CVT

## HOSPITAL NAME

Summit Dog & Cat  
Hospital

## REFERRING VET

Dr. Baker

## INVOICE

10713

## DATE

3/24/26

## PRESENTING CLINICAL SIGNS

### History:

- Pt ate plastic wrap, V+ early Monday around 1am, eating less
- Exam unremarkable, Ate breakfast this morning, did not vomit
- Check to see if anymore plastic

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Moderate, dependent to nondependent, particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

No evidence of pathology in the area of the aortic trifurcation.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. An indistinct to subtle hyperechoic corticomedullary band, consistent with a medullary rim sign, was present. This is a nonspecific finding seen in both normal and abnormal kidneys. It may be associated interstitial renal disease, hypercalcemia, tubular necrosis, lymphoma, and FIP. However, it is a nonspecific finding. The left kidney measured 3.5 cm in length. The right kidney measured 3.5 cm in length.

### *Adrenal Glands*

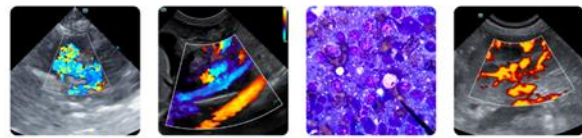
The left and right adrenal glands were overtly normal in size, position, and shape. The left adrenal gland measured 0.34 cm width and the right adrenal gland measured 0.41 cm width.

### *Spleen*

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

### *Liver/ Gallbladder*

The liver was subjectively normal in size, structure, and contour. Normal hepatic vascular volume was present. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



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***Gastrointestinal***

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate, variably echogenic, nonshadowing ingesta without signs of obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained primarily generalized, similar appearing, nonshadowing ingesta to the level of the colon. The small Intestinal wall width measured 0.21-0.23 cm.

Normal visible colon wall layers were present with formed feces in lumen.

***Pancreas***

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

***Free Abdomen***

No overt lymphadenopathy or peritoneal effusion was present.

**ULTRASONOGRAPHIC FINDINGS**

***Primary Findings***

- Sonographically unremarkable gastrointestinal tract with generalized gastrointestinal ingesta – consistent with food echogenicity

***Secondary Findings***

- Nonspecific subtle to indistinct bilateral renal medullary rim
- Urinary bladder sediment

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is no evidence of gastrointestinal mechanical obstructive pattern or visualized foreign material. Gastrointestinal support with sonographic reassessment following a 12-hour documented fast, if persistent gastrointestinal signs, are recommended. Correlation with urinalysis +/- urine C/S, if inflammatory sediment, is recommended.

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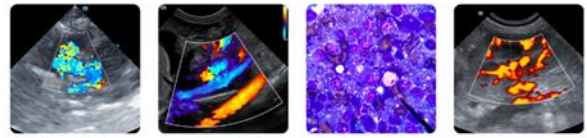
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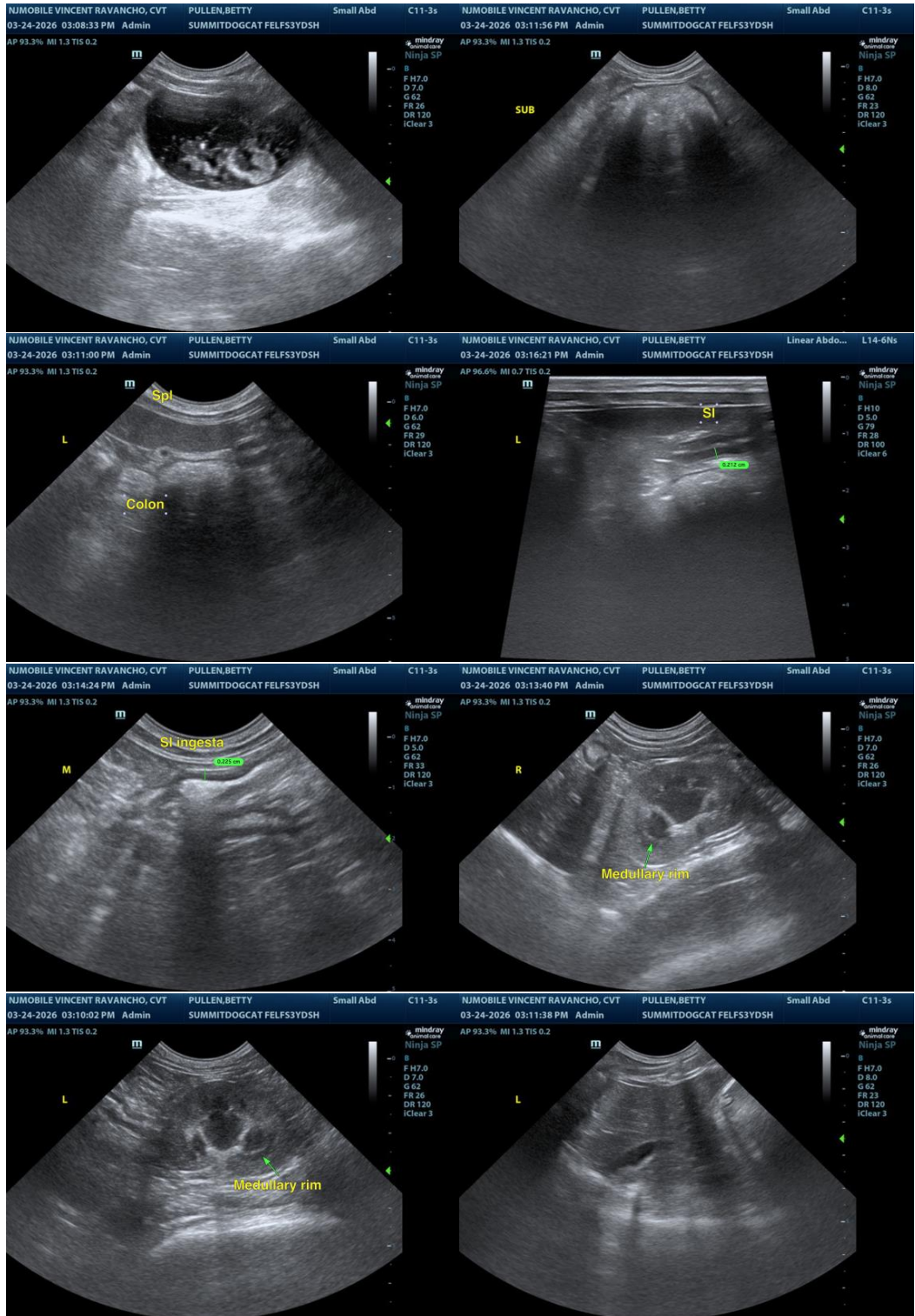
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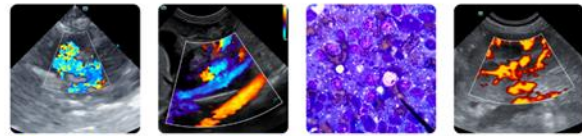
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)  
[info@sonopath.com](mailto:info@sonopath.com)