



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Holly Mirowski	consumed large amount of cocoa powder, also owner is missing a sock. R/O FB
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b>
<b>BREED</b>	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
Catahula Leopard	
<b>SEX</b>	The area of the aortic trifurcation was free of pathology.
FS	
<b>AGE</b>	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. The left kidney measured 5.7 cm in length. The right kidney measured 5.9 cm in length.
4 years	
<b>WEIGHT</b>	<b>Adrenal Glands</b>
41.5 lbs.	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.1 cm length x 0.38 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.1 cm length x 0.64 cm width at the caudal pole.
<b>INTERPRETED BY</b>	<b>Spleen</b>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
<b>IMAGING PERFORMED BY</b>	<b>Liver/ Gallbladder</b>
Diane McFadden	The liver was subjectively normal in size, structure, and contour. 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.
<b>HOSPITAL NAME</b>	<b>Gastrointestinal</b>
Rockaway AH	The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. The gastric body wall measured 0.5-0.6 cm width. Mild gastric distension with moderate retained anechoic fluid intermixed with mild echogenic chyme, as well as a mild amount of nonspecific retained echogenic ingesta exhibiting dirty acoustic shadowing was present. No overt evidence of mechanical pyloric outflow obstruction was noted.
<b>REFERRING VET</b>	
Dr. Maniar	
<b>INVOICE</b>	
12710	
<b>DATE</b>	
12/3/21	



## PATIENT

Holly Mirowski

## SPECIES

Canine

## BREED

Catahula Leopard

## SEX

FS

## AGE

4 years

## WEIGHT

41.5 lbs.

The duodenum exhibited intact wall layering with subjective mild reduced mucosa echogenicity and minor nonobstructive duodenal ileus. The jejunum and ileum were sonographically unremarkable without evidence of mechanical or metabolic stasis or overt foreign material. The duodenum wall width measured 0.43 cm.

Normal visible colon wall layers were present with apparent 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 were evident.

## Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

## ULTRASONOGRAPHIC FINDINGS

### Primary Findings

- Gastroduodenitis with gastric stasis, minor retained fluid, chyme and nonspecific echogenic ingesta

## INTERPRETED BY

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

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overt evidence of mechanical gastrointestinal obstruction with foreign material was not definitively evident. However, the possibility of mild retained nonobstructive foreign material in the stomach cannot be definitively excluded.

## IMAGING PERFORMED BY

Diane McFadden

Hospitalization with IV fluid and GI support over the next 12-24 hours with ideally sonographic monitoring of the stomach for further assessment is recommended. Given the lack of a definitive obstruction pattern, no overt indication for immediate surgical intervention. However, further sonographic monitoring is recommended. Endoscopy, If available, could also be considered for further assessment.

## HOSPITAL NAME

Rockaway AH

## REFERRING VET

Dr. Maniar

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**BREED**

Catahula Leopard

**SEX**

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**INTERPRETED BY**

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(Canine and Feline)

**IMAGING PERFORMED BY**

Diane McFadden

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

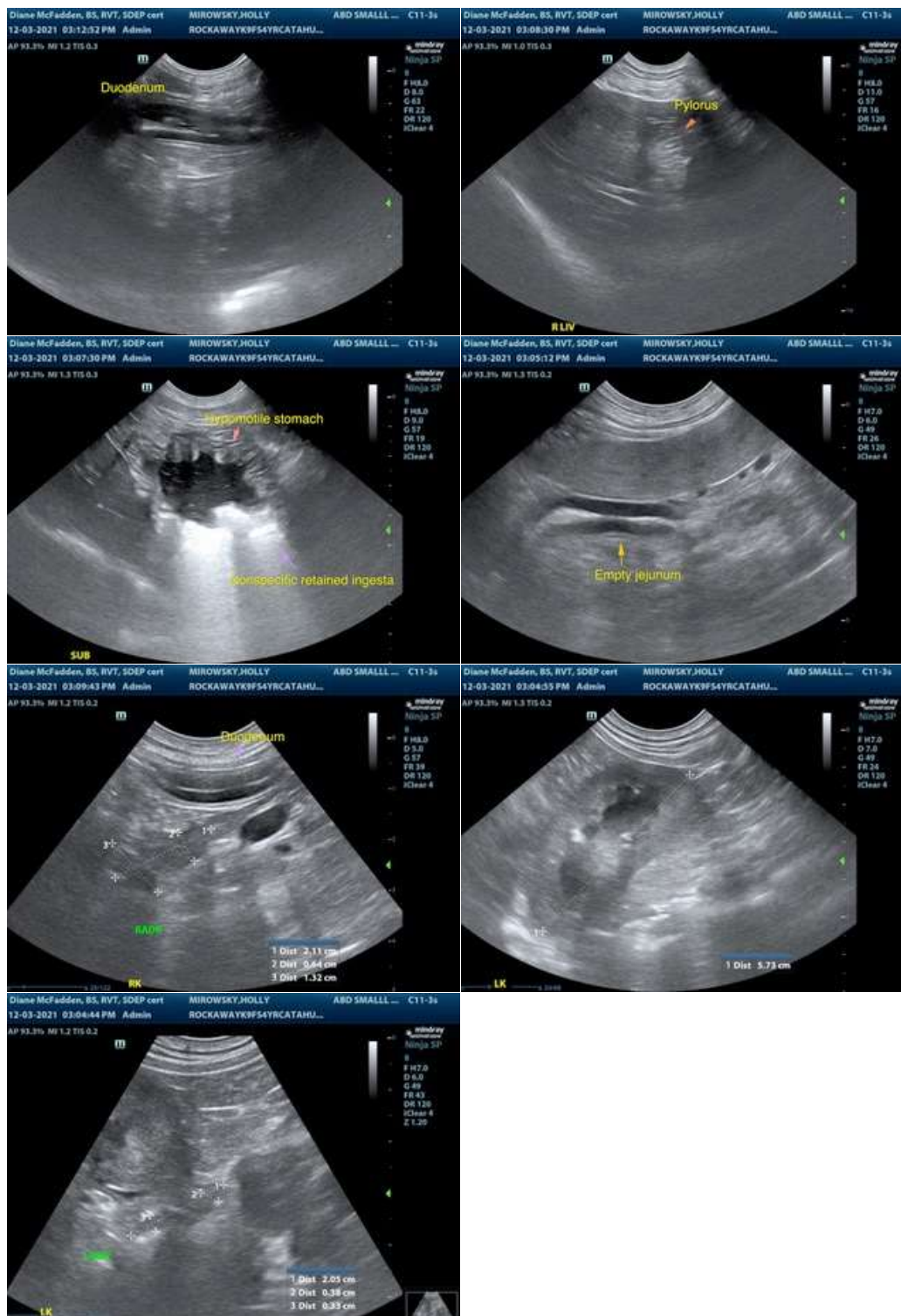
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



**PATIENT**

Holly Mirowski

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.

**SPECIES**

Canine

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
**info@SonoPath.com**

**BREED**

Catahula Leopard

**SEX**

FS

**AGE**

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