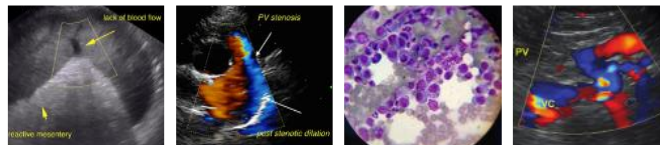
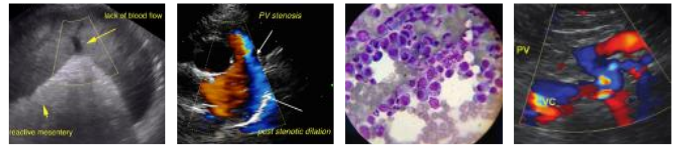


PATIENT	PRESENTING CLINICAL SIGNS
Mac-N-Cheese Bolla	History: Chronic vomiting for 2 years; managed with cerenia chronically, increased vomiting past 1-2 weeks, seemed not to be able to keep food down, NPO overnight, hasn't vomiting since hosp ~ 4 days ago
SPECIES	Abnormal PE/Chem/CBC/UA Results: Normal CBC Chem: Creat 2.0-2.5 for past year
Feline	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
DSH	Urinary System The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended. A small amount of suspended echogenic debris is observed within the lumen. 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.
SEX	
Male Neutered	The left kidney is normal size (3.80 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.
AGE	
6 years	The right kidney is normal size (3.85 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.
WEIGHT	
12 lbs	Adrenal Glands The left adrenal gland is normal size (0.48 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.
INTERPRETED BY	
Andrea Nicastro, DMV, Diplomate DACVIM (Small Animal Internal Medicine)	The right adrenal gland is normal size (0.28 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.
IMAGING PERFORMED BY	Spleen The spleen is subjectively prominent in size (1.06 cm in width at the level of the hilus) with a normal curvilinear peripherals contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.
Dallas Reynolds, LVT	Liver The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.
HOSPITAL NAME	
Lone Mountain AH	The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.
REFERRING VET	
Jennifer Mathe	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 segmentally dilated with chyme. In one segment, some soft shadowing material is observed within the jejunal lumen. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. There is disruption in the normal 1:3 muscularis: mucosal ratio in most segments. Discreet masses are not
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PATIENT	identified. The cecum is prominent without obvious evidence of inflammation. The ileocecal junction and colonic wall are otherwise normal. There is no evidence of an obstructive pattern.
Mac-N-Cheese Bolla	
SPECIES	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.
Feline	Free Abdomen There is no evidence of free fluid. A few prominent mesenteric lymph nodes are visualized, the largest measuring 1.54 cm in length. Surrounding mesentery is slightly hyperechoic.
BREED	
DSH	
SEX	ULTRASONOGRAPHIC FINDINGS
Male Neutered	Primary Findings
AGE	<ul style="list-style-type: none"> The bowel pattern is most consistent with inflammatory bowel disease with some potential for emerging lymphoma, although neoplasia is considered unlikely at this time. The soft shadowing material within the jejunal lumen likely represents transient, nonobstructive foreign material (i.e, hair). The significance of the prominent cecum is unclear. It may be a normal variant for this patient. However, low-grade typhlitis cannot be completely excluded. The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. The mild splenomegaly may be a normal variant for this larger-breed cat. Alternatively, a benign process such as lymphoid hyperplasia or extramedullary hematopoiesis may be present. Infiltrative neoplasia is possible but considered less likely.
6 years	
WEIGHT	
12 lbs	
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Andrea Nicastro, DMV, Diplomate DACVIM (Small Animal Internal Medicine)	<ul style="list-style-type: none"> The following diagnostic/treatment recommendations can be considered: <ol style="list-style-type: none"> Serum cobalamin, folate, PLI and TLI A fecal evaluation for ova/Giardia A 6-week limited antigen diet trial to assess for food allergies Also consider heartworm antigen and antibody testing as heartworm disease can be a cause of chronic vomiting in cats Three-view thoracic radiographs are recommended to assess for occult esophageal disease If the above diagnostics/therapeutics are inconclusive, endoscopic or surgical gastrointestinal biopsies may be warranted. Supportive care including GI protectants, antiemetics, +/- broad-spectrum antibiotic therapy (as empirical treatment for typhlitis), is recommended while awaiting test results.
IMAGING PERFORMED BY	
Dallas Reynolds, LVT	
HOSPITAL NAME	
Lone Mountain AH	
REFERRING VET	
Jennifer Mathe	
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PATIENT

Mac-N-Cheese Bolla

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

6 years

WEIGHT

12 lbs

INTERPRETED BY

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(Small Animal
Internal Medicine)

IMAGING PERFORMED BY

Dallas Reynolds, LVT

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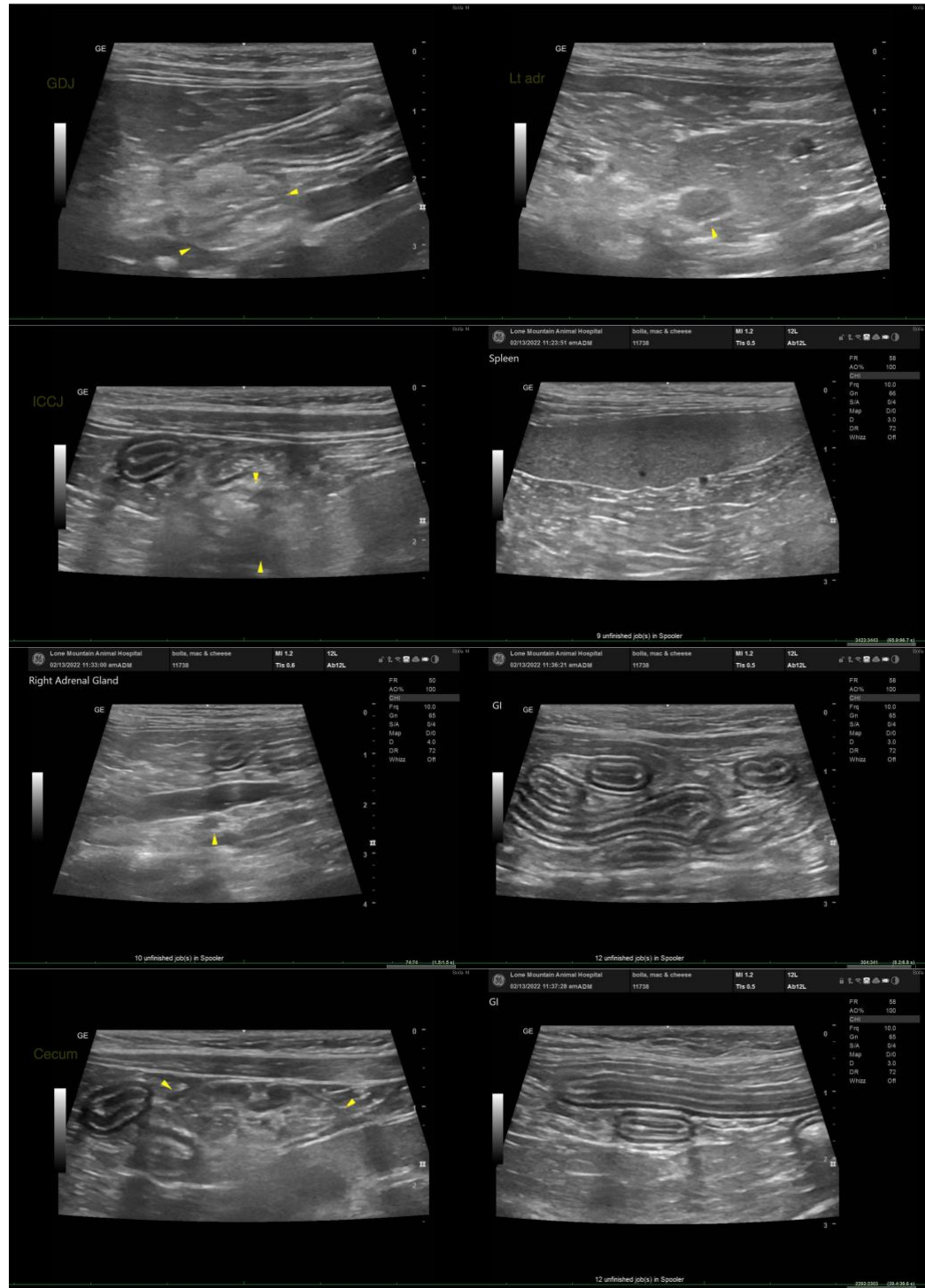
Jennifer Mathe

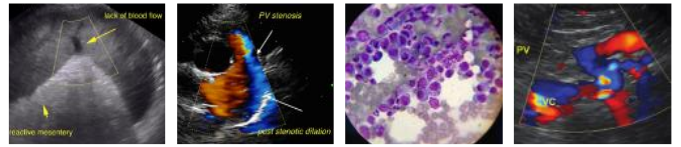
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PATIENT

Mac-N-Cheese Bolla

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

6 years

WEIGHT

12 lbs

INTERPRETED BY

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Diplomate DACVIM
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Internal Medicine)

IMAGING PERFORMED BY

Dallas Reynolds, LVT

HOSPITAL NAME

Lone Mountain AH

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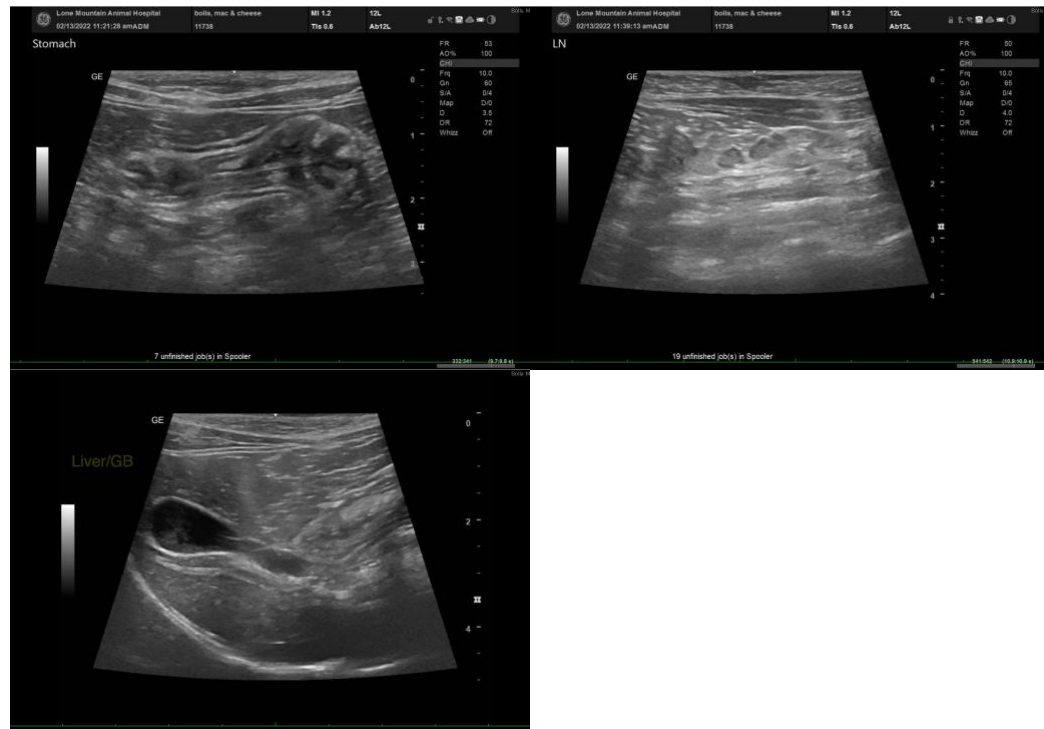
Jennifer Mathe

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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.

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