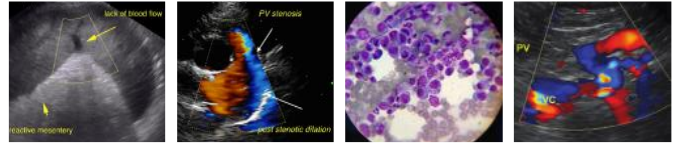


PATIENT	PRESENTING CLINICAL SIGNS
Kosmo Reuter	History: Several week history of decreased appetite (improves on mirtazapine). Weight loss. Patient is hyperthyroid-on tapazole. Palpable nodule at left thyroid gland. Grade I/VI sternal murmur. Patient vocal upon mid to caudal abdominal palpation. Multiple 1mm masses palpable on abdominal serosa--carcinomatosis? Pet is approximately 5% dehydrated.
SPECIES	Abnormal PE/Chem/CBC/UA Results: on 12/3 blood work done at ER GGT=11 PCV/TS=40%/7.8 Lytes=WNL
Feline	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
DSH	Urinary System The urinary bladder is mildly to moderately distended. The wall is normal in thickness with a smooth mucosal surface. A moderate amount of aggregated echogenic suspended debris as well as a small to moderate amount of gravity dependent mineralized sand is observed within the lumen. The region of the trigone and the visible portion of the proximal urethra are normal.
SEX	
Neutered Male	
AGE	The left kidney is normal size (3.65 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.
15 Years	The right kidney is normal size (3.73 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.
WEIGHT	
6.97 Lbs.	
INTERPRETED BY	Adrenal Glands The left adrenal gland is normal size (0.41 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.
Andrea Nicastro, DMV, Diplomate DACVIM (Small Animal Internal Medicine)	The right adrenal gland is normal size (0.47 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.
IMAGING PERFORMED BY	Spleen The spleen is contracted (0.43 cm in width at the level of the hilus) with normal curvilinear peripheral contours
M. Kermendy,CVT.	Liver The liver is subjectively normal in size with normal curvilinear peripheral contours and. The parenchyma is isoechoic to hyperechoic relative to the spleen, and diffusely homogenous in appearance. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion.
HOSPITAL NAME	
Wauwatosa Vet	
REFERRING VET	The gall bladder is mildly to moderately distended. The wall is normal in thickness. A small amount of aggregated echogenic debris is observed within the lumen. The cystic and common bile ducts are normal.
Ericka Haynes DVM	
INVOICE	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. There is disruption in the normal 1:3 muscularis: mucosal ratio in most segments. Discreet masses are not identified. The ileocecal colic junction and colonic wall are normal. No obstructive disease is noted.
10073	
DATE	
12/28/21	



PATIENT

Kosmo Reuter

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

15 Years

WEIGHT

6.97 Lbs.

INTERPRETED BY

Andrea Nicastro, DMV,
Diplomate DACVIM
(Small Animal
Internal Medicine)

**IMAGING
PERFORMED BY**

M. Kermendy, CVT.

HOSPITAL NAME

Wauwatosa Vet

REFERRING VET

Ericka Haynes DVM

INVOICE

10073

DATE

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Pancreas

The pancreas is diffusely visible/prominent with normal curvilinear peripheral contours. The parenchyma of the left limb/body is hypoechoic relative to surrounding omental fat. No distinct focal lesions are observed. The pancreatic duct is visible, but not overtly dilated (0.15 cm in diameter). There is no evidence of peripancreatic inflammation or effusion.

Free Abdomen

There is no evidence of free fluid. The abdominal lymph nodes are normal/not visible.

Other

A 0.47 cm irregular mineralized focus is observed within the mesentery and mid-abdominal region.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

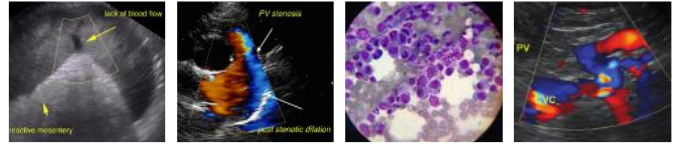
- Bowel pattern consistent with inflammatory bowel disease with potential for emerging lymphoma
- The pancreatic changes may be a normal variant for this patient or could be consistent with mild, chronic pancreatitis. Correlation with clinical findings is recommended.
- The diffuse hepatic changes are non-specific and can be seen with vacuolar hepatopathy, reactive change, nodular hyperplasia or, less likely, inflammatory/immune-mediated disease, infiltrative neoplasia, or other hepatopathy.

Secondary Findings

- The splenic contraction is consistent with dehydration, minor age-related renal changes, urinary bladder sand/debris.
- The mineralized focus within the mesentery likely represents a Bates body, a benign incidental finding in cats.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- A right pulmonary nodule is observed in the radiographs submitted with the history. Given this finding, consider a radiology consult +/- thoracic CT scan.
- Regarding the abdominal changes, consider the following:
 1. GI panel including serum cobalamin, folate, TLI, and PLI
 2. Fecal evaluation for ova and Giardia
 3. +/- endoscopic or surgical gastrointestinal biopsies.
- Given the prolonged inappetence, a temporary feeding tube (i.e., esophagostomy) should be considered to provide nutritional support to help prevent/treat hepatic lipidosis.



PATIENT

Kosmo Reuter

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

15 Years

WEIGHT

6.97 Lbs.

INTERPRETED BY

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Diplomate DACVIM
(Small Animal
Internal Medicine)

**IMAGING
PERFORMED BY**

M. Kermendy, CVT.

HOSPITAL NAME

Wauwatosa Vet

REFERRING VET

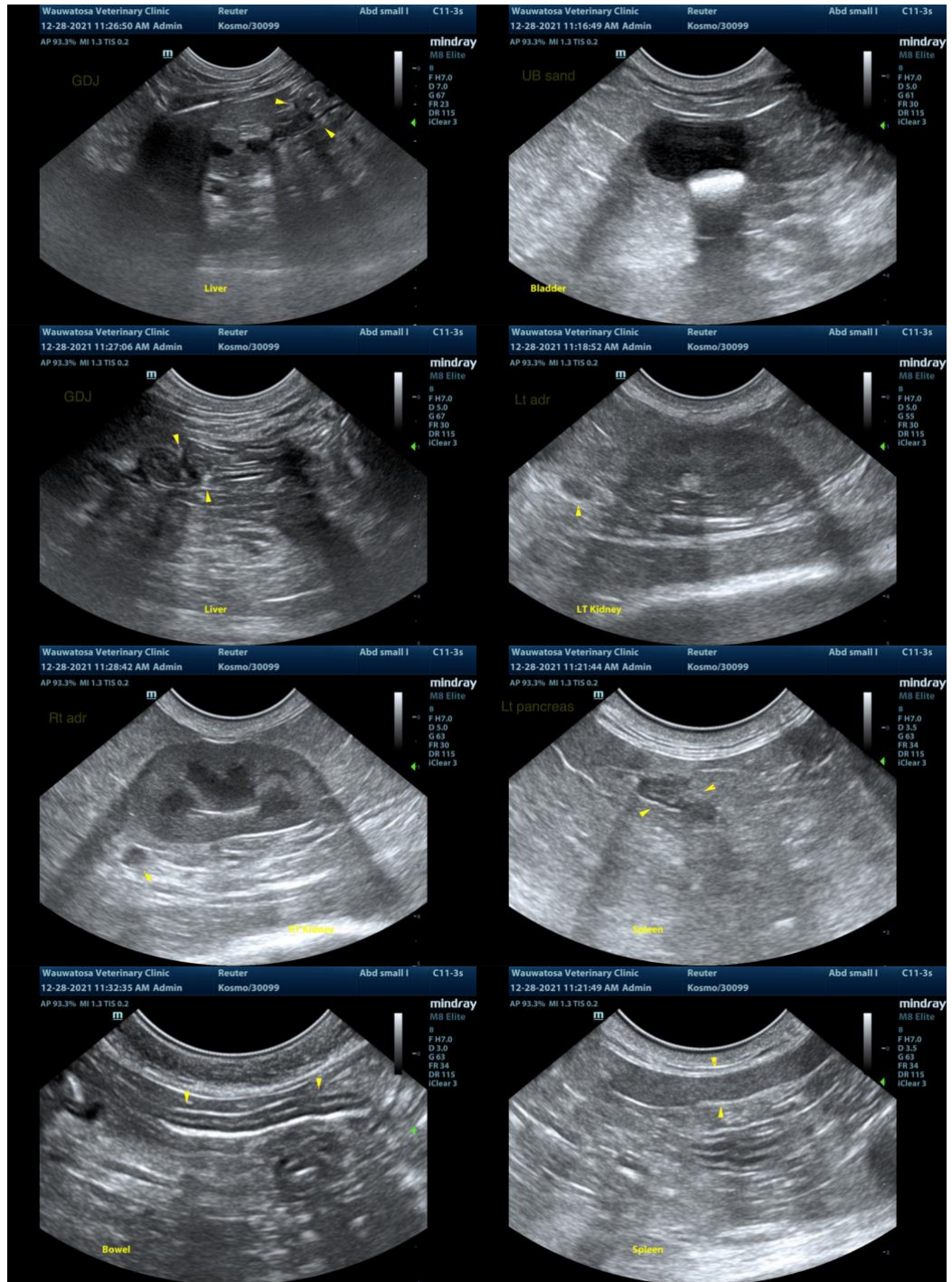
Ericka Haynes DVM

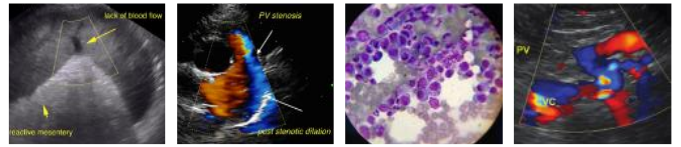
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PATIENT

Kosmo Reuter

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

15 Years

WEIGHT

6.97 Lbs.

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IMAGING PERFORMED BY

M. Kermendy, CVT.

HOSPITAL NAME

Wauwatosa Vet

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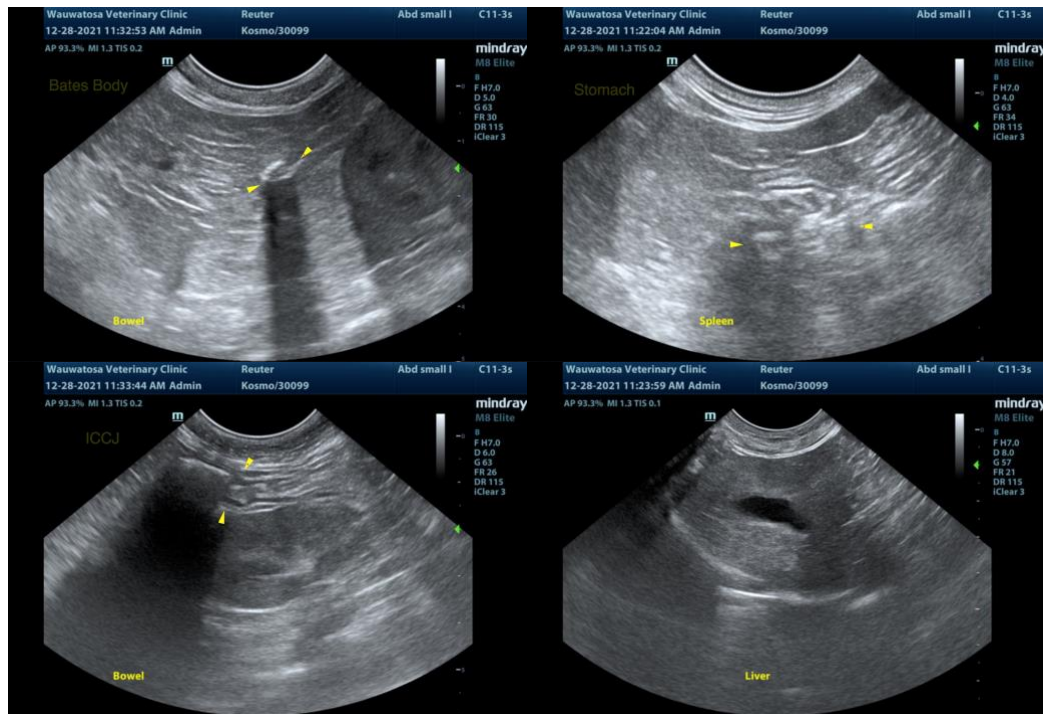
Ericka Haynes DVM

INVOICE

10073

DATE

12/28/21



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