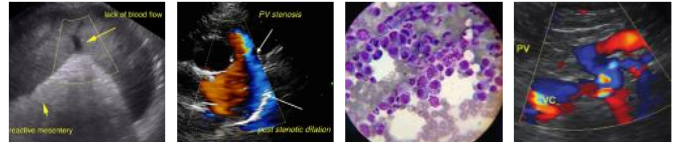


PATIENT	PRESENTING CLINICAL SIGNS
Sgt. Pepper McKenzie	History: recurrent diarrhea
SPECIES	Abnormal PE/Chem/CBC/UA Results: ALKP 168, Phos 8.1, Mg decr 1.3, PrecisionPSL 23 (24-100), WBC 9,000 with decr neuts and monos
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Golden Retriever	The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. 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	The left kidney presented normal size (6.68 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.
Intact Male	
AGE	The right kidney presented normal size (6.78 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.
5 Months	
WEIGHT	The prostate is normal in size (1.04 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.
43 Lbs.	
INTERPRETED BY	Adrenal Glands
Andrea Nicastro, DMV, Diplomate DACVIM (Small Animal Internal Medicine)	The left adrenal gland is normal size (0.40 cm at cranial pole) (0.35 cm at caudal pole) (2.52 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.
IMAGING PERFORMED BY	The right adrenal gland is normal size (1.73cm at cranial pole) (0.62 cm at caudal pole) (2.29 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.
Diane McFadden	
HOSPITAL NAME	Spleen
AH of Roxbury	The spleen is normal in size (1.72 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.
REFERRING VET	Liver
Dr. Elia	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. The portal vein to caudal vena cava ration is approximately 1:1.
INVOICE	
10008	
DATE	The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal.
12/3/21	



PATIENT

Gastrointestinal

Sgt. Pepper McKenzie

The gastric lumen is mildly distended with fluid and chyme. The gastric wall is normal to mildly thickened, up to 0.8 cm, with retention of the 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. Discreet masses are not identified. The colonic wall is normal. There is no obstructive pattern.

SPECIES

Canine

BREED

Golden Retriever

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.

SEX

Intact Male

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. Several prominent lymph nodes are observed throughout the abdomen, including mesenteric, medial, iliac, and sub lumbar nodes. The largest nodes measures 1.69 cm in length.

AGE

5 Months

ULTRASONOGRAPHIC FINDINGS

Primary Findings

WEIGHT

43 Lbs.

- The gastric wall changes are suggestive of an inflammatory process/gastritis.
- The prominent abdominal lymph nodes could be consistent with immunologic immaturity and/or reactive change.

*An obvious cause for the patient's clinical signs is not identified in this study. Considerations include a microscopic gastrointestinal disease (i.e., food allergy/intolerance, intestinal dysbiosis, inflammatory bowel disease), pancreatic disease (i.e., exocrine pancreatic insufficiency, low-grade pancreatitis), or underlying metabolic issue.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

AH of Roxbury

- A fecal evaluation for ova/Giardia
- Prophylactic deworming with Fenbendazole at 50 mg/kg once a day for 5 days is recommended. Repeat above protocol in 3 weeks.
- A GI panel, including serum cobalamin, folate, PLI and TLI is recommended (send to Texas A&M).
- Consider empirical treatment for small intestinal bacterial overgrowth with a 4-week course of Tylosin.
- A resting cortisol level to screen for hypoadrenocorticism. If resting cortisol level is < 2.0 mcg/dL, an ACTH stimulation test is recommended.
- A 6-week limited antigen diet trial to assess for food allergies
- If the above diagnostics are inconclusive and therapeutics are ineffective, endoscopic or surgical intestinal biopsies may be necessary to get a definitive diagnosis.

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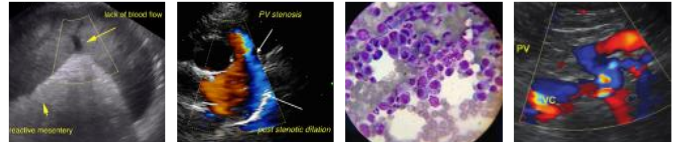
Dr. Elia

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DATE

12/3/21



PATIENT

Sgt. Pepper McKenzie

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact Male

AGE

5 Months

WEIGHT

43 Lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

AH of Roxbury

REFERRING VET

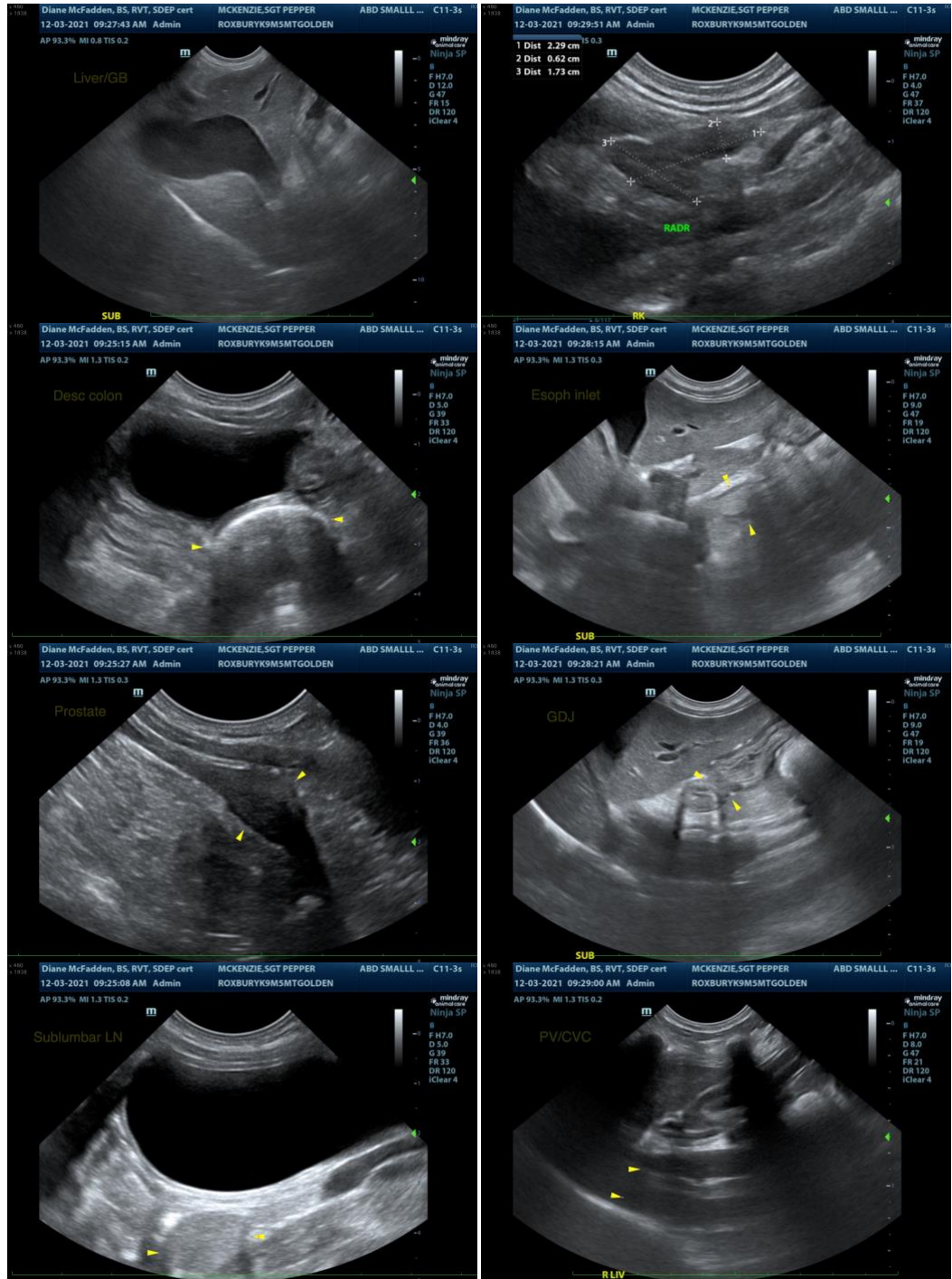
Dr. Elia

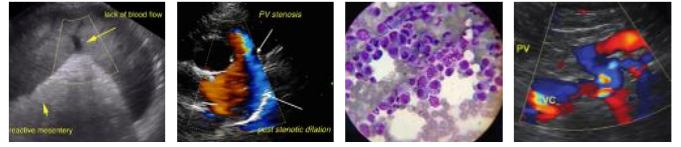
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12/3/21





PATIENT

Sgt. Pepper McKenzie

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact Male

AGE

5 Months

WEIGHT

43 Lbs.

INTERPRETED BY

Andrea Nicastro, DMV,
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Internal Medicine)

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

AH of Roxbury

REFERRING VET

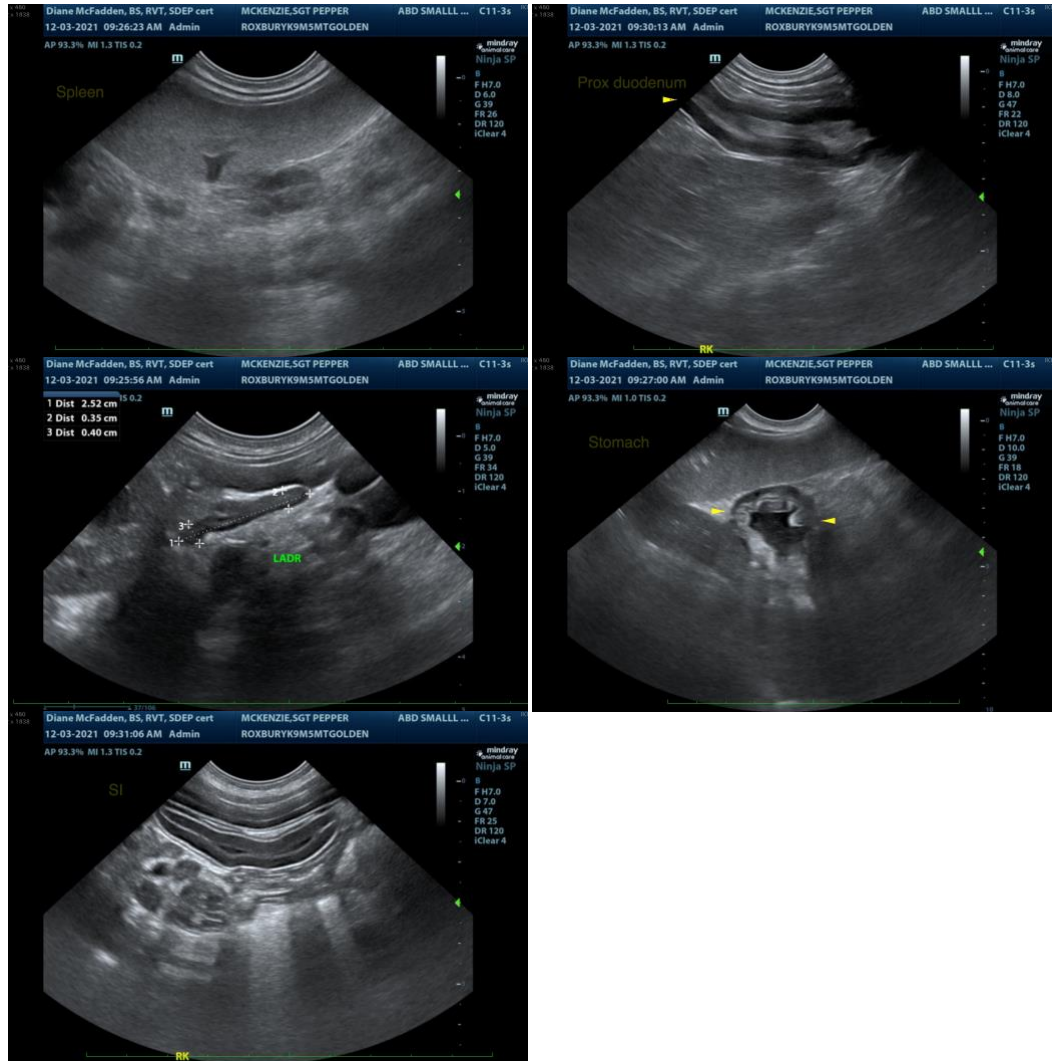
Dr. Elia

INVOICE

10008

DATE

12/3/21



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