



PATIENT

Happy Duran-Palacios

SPECIES

Canine

BREED

Beagle

SEX

Male, neutered

AGE

12 years

WEIGHT

20.4 lbs

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Potomac Mobile
Veterinary Ultrasound

HOSPITAL NAME

Silver Spring Animal
Hospital

REFERRING VET

Dr. Jarrett

**INVOICE
11898**

DATE

8/17/21

PRESENTING CLINICAL SIGNS

History: Emaciated appearance. Continuing to lose weight. Was seen at an emergency clinic on 8/13/21 for eating an avocado pit. Radiographs taken, looked at by a radiologist who didn't see the pit, but he/she recommended ultrasound to double check. Over the weekend, he vomited a few times. Vomited this morning. Gets Rimadyl and gabapentin chronically. Abnormal PE/Chem/CBC/UA Results: no labwork provided.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
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 scant 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.

The prostate is normal in size (0.99 cm in width) with a normal shape and smooth peripheral contours. A 1.62 cm mineralized focus is observed within the parenchyma. The remaining parenchyma is homogeneous in appearance. The prostatic urethra is not overtly dilated.

The left kidney is normal size (4.42 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 hydronephrosis. Renal vasculature is normal.

The right kidney is normal size (5.60 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 hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.48 cm at cranial pole) (0.51 cm at caudal pole) (2.05 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.

The right adrenal gland is normal size (0.40 cm at cranial pole) (0.39 cm at caudal pole) (1.42 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.

Spleen

The spleen is normal in size (1.65 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.

Liver

The liver is subjectively prominent in size with swollen curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and exhibits mild heterogeneity. No distinct focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small to moderate amount of echogenic partially-dependent debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.



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Gastrointestinal

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The gastric wall is mildly thickened (up to 0.54 cm in the region of the fundus). There is retention of the normal layering pattern. A 2.59 cm hard shadowing structure is observed within the gastric lumen. 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 ileocecal colic junction and colonic wall are normal.

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Pancreas

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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.

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Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

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ULTRASONOGRAPHIC FINDINGS

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Primary Findings:

- The hard shadowing structure within the gastric lumen could be consistent with recent ingestion of an avocado pit. The gastric wall changes are most consistent with inflammatory process (i.e., gastritis).

Secondary Findings:

- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered less likely. Correlation with the patient's labwork is recommended.
- The mineralization within the prostatic parenchyma is still present and unchanged compared to the previous scan.

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*An obvious cause for the patient's weight loss is not identified in this study. Considerations include primary GI disease/maldigestion/malabsorption, low-grade pancreatic disease, occult neoplasia, underlying metabolic issue, other.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for occult neoplasia.
- Malabsorption panel including serum cobalamin, folate, TLI and PLI should be considered if not already performed.
- Consider surgical gastrointestinal biopsies and gastrotomy with foreign body removal.

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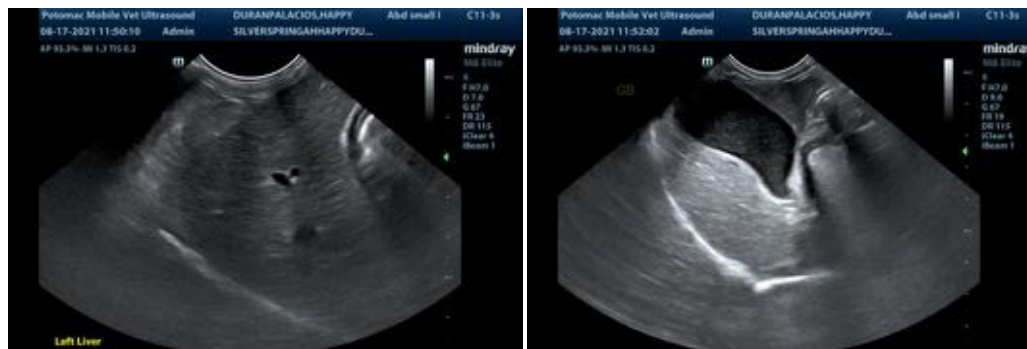
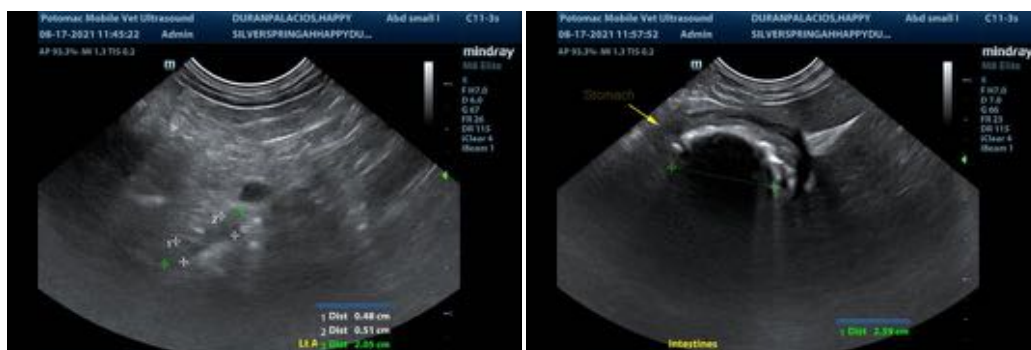
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 ACVIM (*Small Animal Internal Medicine*)

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