

PATIENT PRESENTING CLINICAL SIGNS

Meiko Smith Referral vet examined him and records state melena and stomatitis and decreased appetite

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

Canine

BREED

Toy Poodle

SEX

Neutered Male

AGE

14 Years

WEIGHT

14 lbs

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.

The prostate is normal in size (0.53 cm) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

The left kidney presented normal size (4.56 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 presented normal size (4.33 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 (xxx cm at cranial pole) (xxx cm at caudal pole) (xxx 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 (0.95 cm at cranial pole) (0.41 cm at caudal pole) (1.82 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 (1.23 cm) 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 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 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.

INTERPRETED BY

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

IMAGING PERFORMED BY

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Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Veterinary Dental Care

REFERRING VET

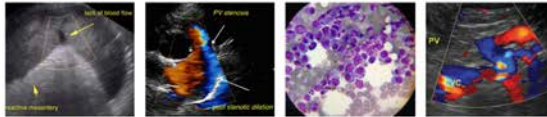
Dr. Suzy Shannon

INVOICE

33583

DATE

12/20/21



PATIENT *Gastrointestinal*

Meiko Smith The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal (xxx cm) with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. The colonic lumen contains shadowing fecal material. There is no obvious evidence of an obstructive pattern.

SPECIES

Canine

BREED

Pancreas

Toy Poodle

The right limb of the pancreas is visible with minimal deviation from the normal peripheral contours. The parenchyma is hyperechoic relative to surrounding omental fat and slightly mottled in appearance. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated. There is no evidence of peripancreatic effusion.

SEX

Neutered Male

Free Abdomen

AGE

14 Years

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

Other

WEIGHT

14 lbs

A brief echocardiogram reveals no evidence of pericardial effusion.

ULTRASONOGRAPHIC FINDINGS

- The pancreatic changes are most consistent with remodeling +/- fibrosis and are suggestive of a previous bout of pancreatitis.

*An obvious cause for the patient's hematochezia is not identified in this study. Considerations include primary gastrointestinal disease (i.e., food allergy, infectious/parasitic, inflammatory bowel disease, colonic mucosal polyp), low-grade pancreatitis, underlying metabolic issue, other

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

To further investigate the underlying GI issues, consider the following:

- 1) Prophylactic deworming with Fenbendazole at 50 mg/kg once a day for 5 days is recommended.
- 2) GI panel including serum cobalamin, folate, TLI, and PLI (send to Texas A&M).
- 3) A 6-week limited antigen diet trial to assess for food allergies.
- 4) A resting cortisol level to screen for hypoadrenocorticism. If resting cortisol level is < 2.0 mcg/dL, an ACTH stimulation test is recommended.
- 5) Depending on the results of the above diagnostics/therapeutics, endoscopic or surgical GI biopsies may be warranted. Colonoscopy is consider a safer means of biopsying the colonic mucosa.

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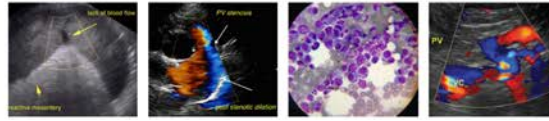
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Canine

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Toy Poodle

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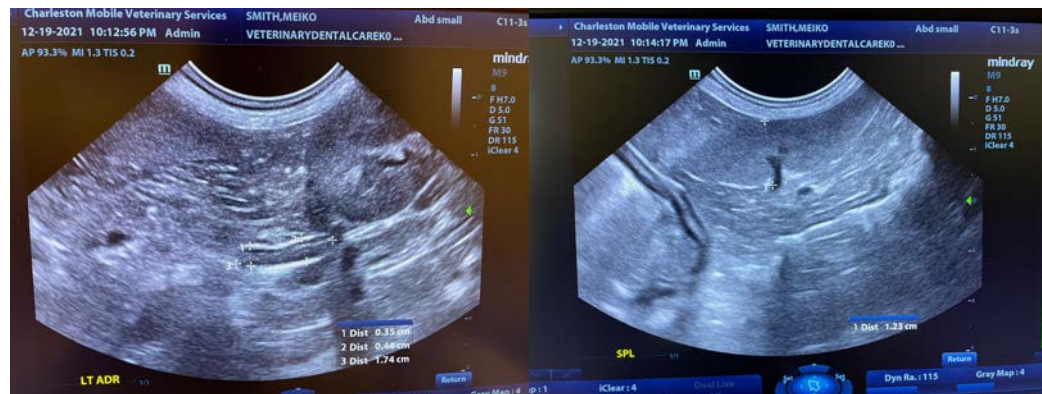
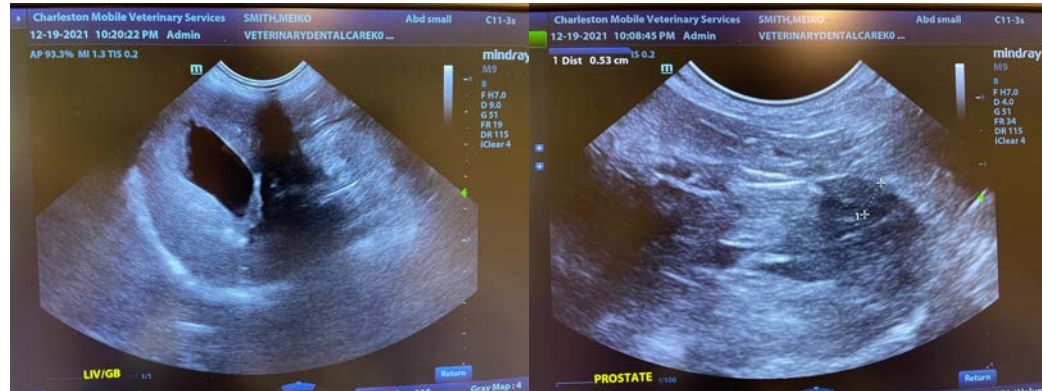
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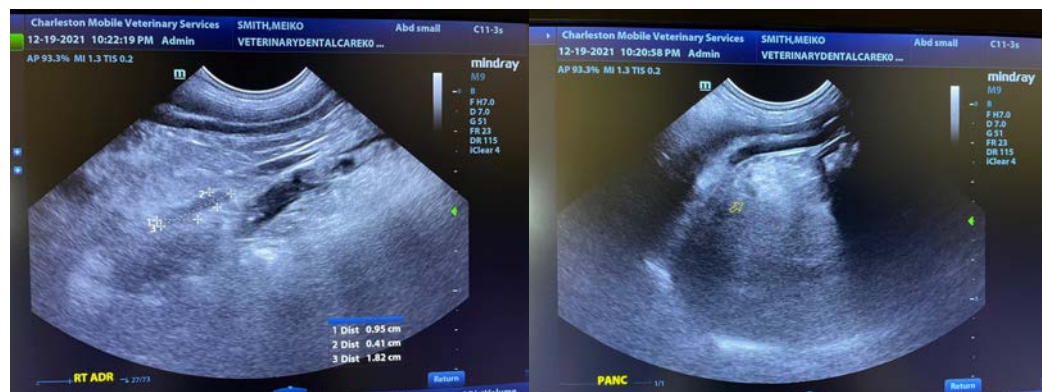
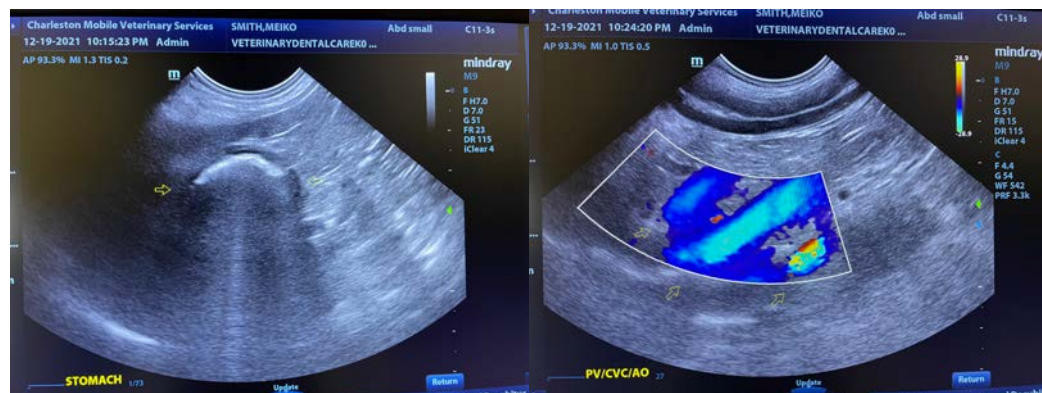
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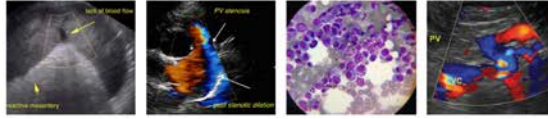
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PATIENT

Meiko Smith

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.

SPECIES

Canine

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.

BREED

Toy Poodle

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

Andrea.Nicastro@CharlestonMobile.net

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