



PATIENT

Maple Singh

SPECIES

Canine

BREED

Poodle X

SEX

Spayed Female

AGE

1 Year 10 Months

WEIGHT

36 Pounds

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Berkeley Heights AH

REFERRING VET

Dr. Shendell

INVOICE

42060

DATE

10/14/22

PRESENTING CLINICAL SIGNS

Over 1-year history of waxing/waning diarrhea and vomiting. Current meds: metronidazole, Visbiome, probiotic, ondansetron, on RC Canin G.I. diet; just finished fenbendazole.
Abnormal PE/Chem/CBC/UA Results: CBC/Chem: done on 9/29/22 all WNL.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

The left kidney has a normal shape and size (5.24 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney has a normal shape and size (4.52 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of focal perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal in size measuring 0.47 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

The right adrenal gland is normal in size measuring 0.55 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

Spleen

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are mild and primarily anechoic. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

The stomach is moderately dilated with fluid and irregular shadowing material most consistent with normal ingesta and gas. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layering is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.



PATIENT

Maple Singh

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. Jejunum wall measures 0.32 cm. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

SPECIES

Canine

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

BREED

Poodle X

Pancreas

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

SEX

Spayed Female

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

AGE

1 Year 10 Months

ULTRASONOGRAPHIC FINDINGS

- Moderate distention of the gastric lumen with fluid and ingesta – Correlate with feeding history. If the patient was adequately fasted, then consider such differentials as delayed gastric emptying, ingested foreign material, or a pyloric outflow tract obstruction (none observed).

WEIGHT

36 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Kathleen Sennello DVM, MS, Diplomate ACVIM (Small Animal Internal Medicine)

Today's scan appears relatively normal. There is some fluid and ingesta within the stomach. Correlate this with the time of last feeding. If the patient was adequately fasted, this could be an indicator of delayed motility, ingested material, etc. Correlate with abdominal radiographs. Your symptomatic treatment appears fairly comprehensive. I would consider trying a novel protein or better yet a hydrolyzed protein prescription diet in case of dietary sensitivity/food allergy.

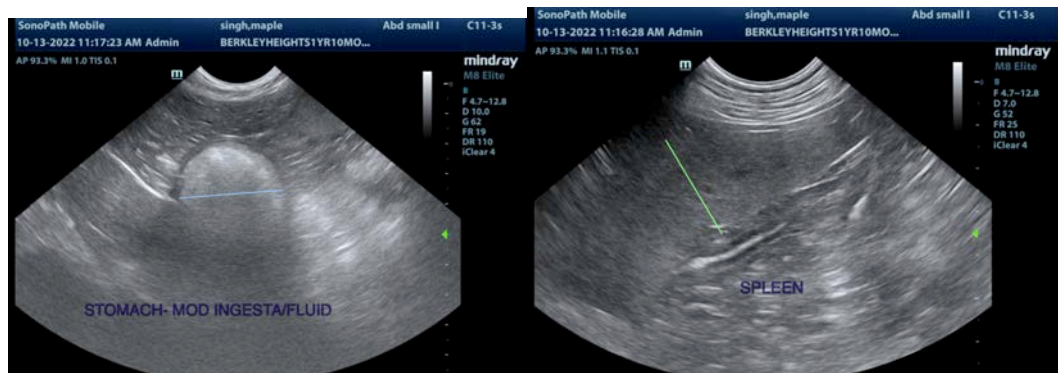
IMAGING PERFORMED BY

Kelly Vazquez

Additionally, I would screen for Addison's with baseline cortisol. Consider a GI panel to Texas A&M for a qualitative PLI, TLI, cobalamin and folate to look for exocrine pancreatic insufficiency, evidence of chronic GI disease with a B12 deficiency, or possible dysbiosis. If you feel dysbiosis is likely, then you could consider a fecal transplant, as this is a fairly easy procedure. If symptoms persist, consider obtaining GI biopsies.

HOSPITAL NAME

Berkeley Heights AH



REFERRING VET

Dr. Shendell

INVOICE

42060

DATE

10/14/22



PATIENT

Maple Singh

SPECIES

Canine

BREED

Poodle X

SEX

Spayed Female

AGE

1 Year 10 Months

WEIGHT

36 Pounds

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Berkeley Heights AH

REFERRING VET

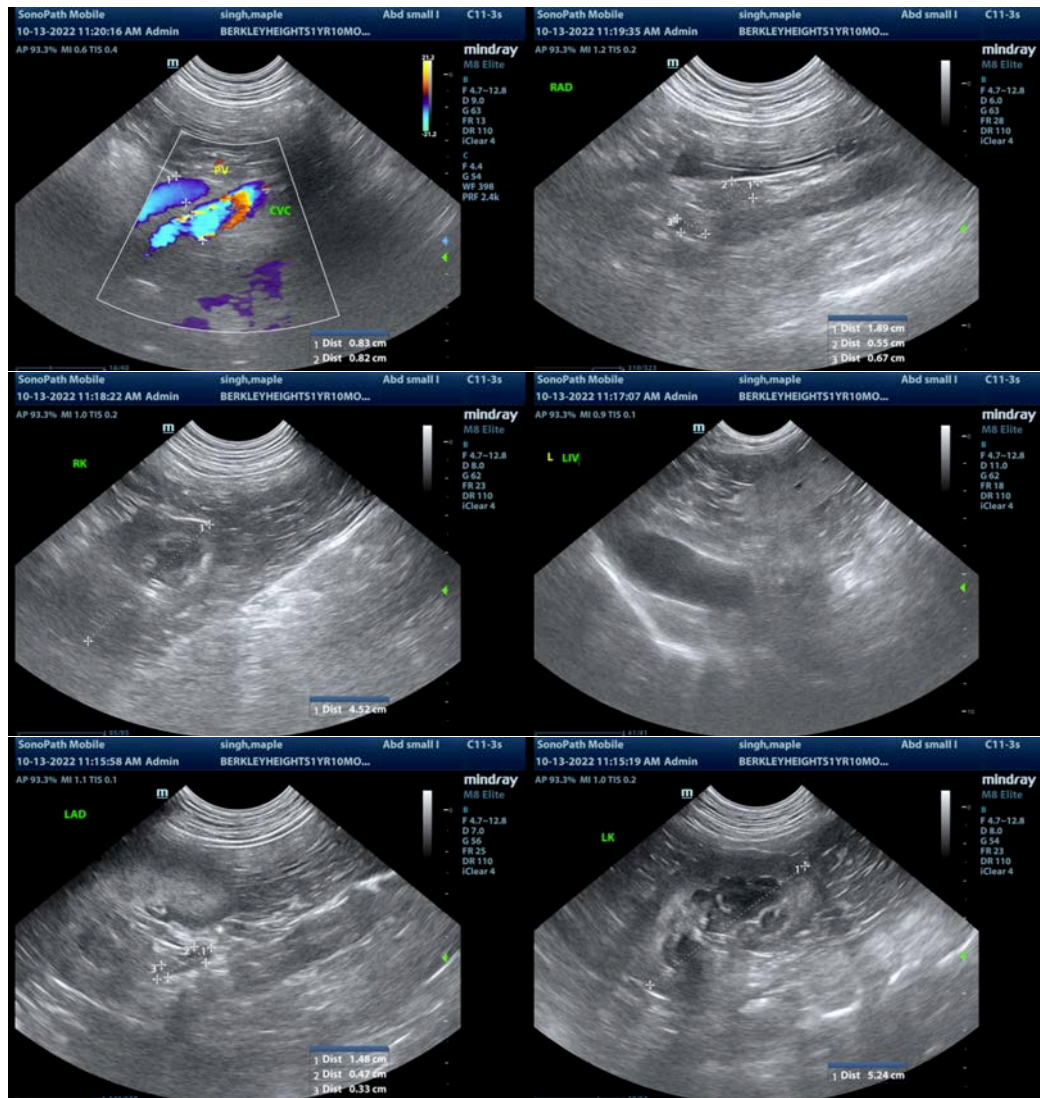
Dr. Shendell

INVOICE

42060

DATE

10/14/22



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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)

kathleen.sennello@sonopath.com