



PATIENT

Boomer Kern

SPECIES

Canine

BREED

Goldendoodle

SEX

Neutered Male

AGE

5.29.2018

WEIGHT

39.5 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

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

HOSPITAL NAME

Sun Dog Cat Moon VC

REFERRING VET

Abby Clayton

INVOICE

11324

DATE

8.4.22

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: V/d for ~1 wk. Mild lethargy and inappetence. Vomited 2 pairs of underwear 2 days ago. Last ate small amount of food (hand fed) yesterday morning. Diarrhea this morning.

Current Medications: None

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** wall is 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 (0.83 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

The **left kidney** is normal size (7.43 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 (8.00 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) (0.46 cm at caudal pole) (2.32 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 (1.64 cm at cranial pole) (0.76 cm at caudal pole) (3.18 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 subjectively prominent in size (3.17 cm in width at the level of the hilus) with normal curvilinear peripheral contours. The parenchyma is homogenous. No focal lesions are observed. Splenic vasculature is normal with no evidence of thrombosis.

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 portal vein to caudal vena cava ratio is approximately 1: 1.

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/not seen.



PATIENT

Boomer Kern

SPECIES

Canine

BREED

Goldendoodle

SEX

Neutered Male

AGE

5.29.2018

WEIGHT

39.5 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

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

HOSPITAL NAME

Sun Dog Cat Moon VC

REFERRING VET

Abby Clayton

INVOICE

11324

DATE

8.4.22

Gastrointestinal

The **gastric lumen** is minimally distended with a small amount of irregular shadowing material. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally fluid-distended (mild). The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is borderline thickened (up to 0.30 cm). The lumen of the descending colon is severely fluid-distended (up to 1.46 cm). There is no obvious evidence of an obstructive pattern.

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.

Free Abdomen

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

Other

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

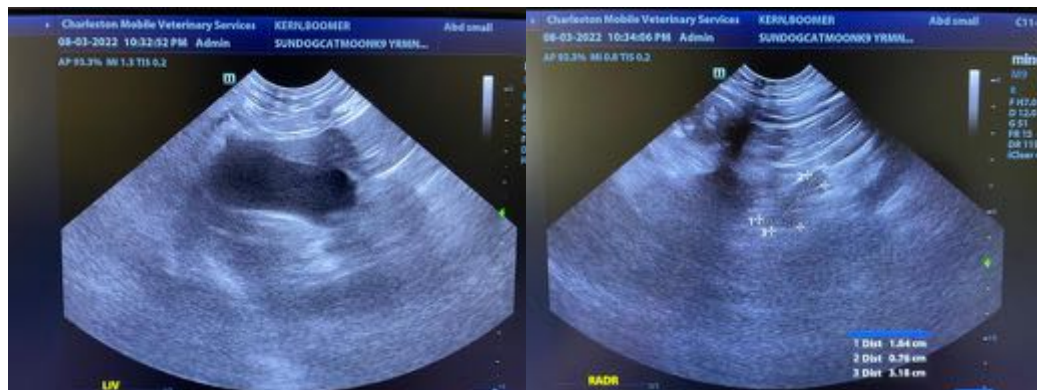
ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The gastrointestinal changes are consistent with gastroenteritis/colitis. The shadowing material within the gastric lumen may represent foreign material and/or ingesta. It appears nonobstructive at this time.
- The splenic parenchymal changes are most consistent with a benign process such as lymphoid hyperplasia, extramedullary hematopoiesis, splenitis or antigenic stimulation with a low possibility of infiltrative neoplasia (i.e., lymphoma, mast cell neoplasia).

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care for acute gastroenteritis/colitis is recommended, including fluid therapy, gastric protectants, antiemetics and pain medication as needed. If the patient continues to vomit/not eat despite supportive care, consider a repeat abdominal ultrasound within the next 24 hours.





PATIENT

Boomer Kern

SPECIES

Canine

BREED

Goldendoodle

SEX

Neutered Male

AGE

5.29.2018

WEIGHT

39.5 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

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

HOSPITAL NAME

Sun Dog Cat Moon VC

REFERRING VET

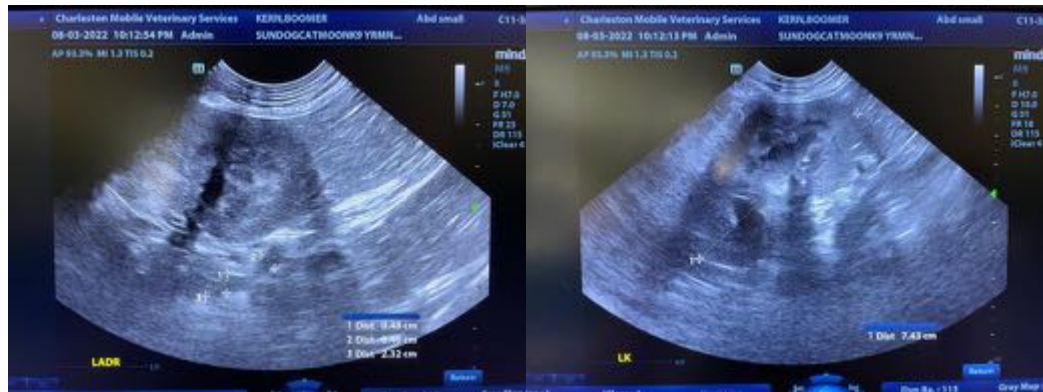
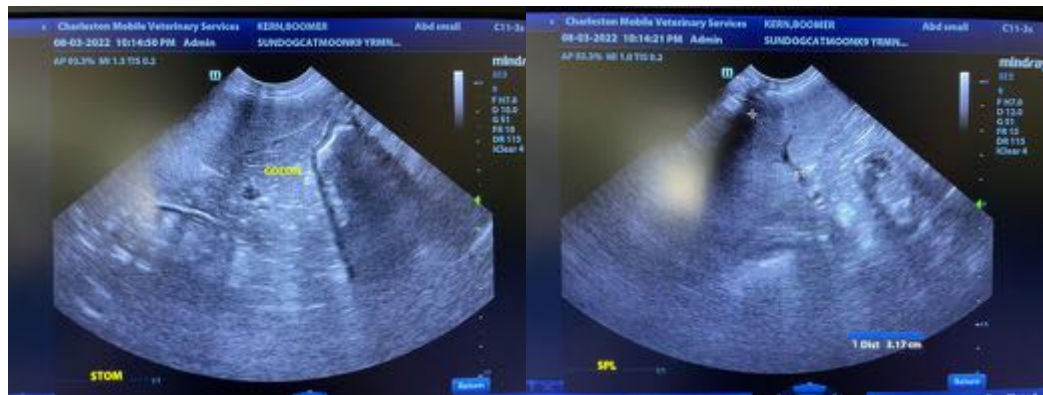
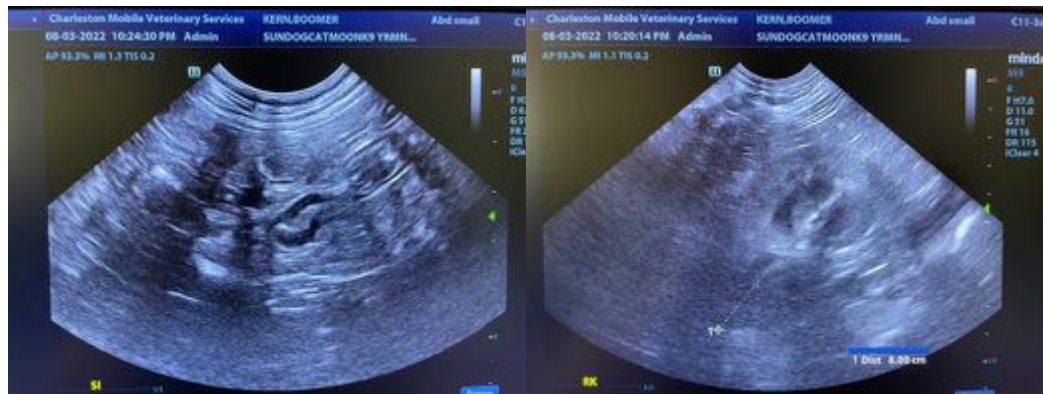
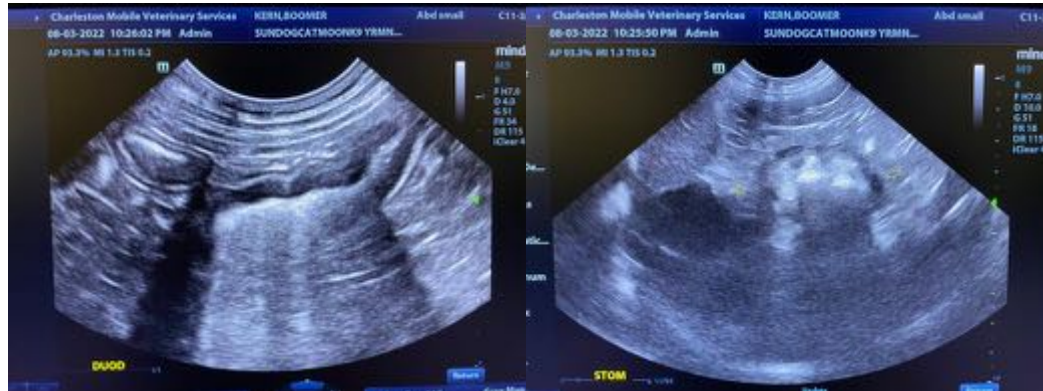
Abby Clayton

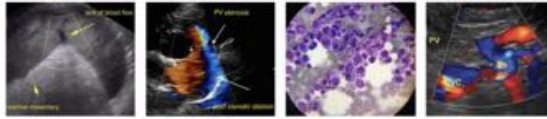
INVOICE

11324

DATE

8.4.22





PATIENT

Boomer Kern

SPECIES

Canine

BREED

Goldendoodle

SEX

Neutered Male

AGE

5.29.2018

WEIGHT

39.5 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

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

HOSPITAL NAME

Sun Dog Cat Moon VC

REFERRING VET

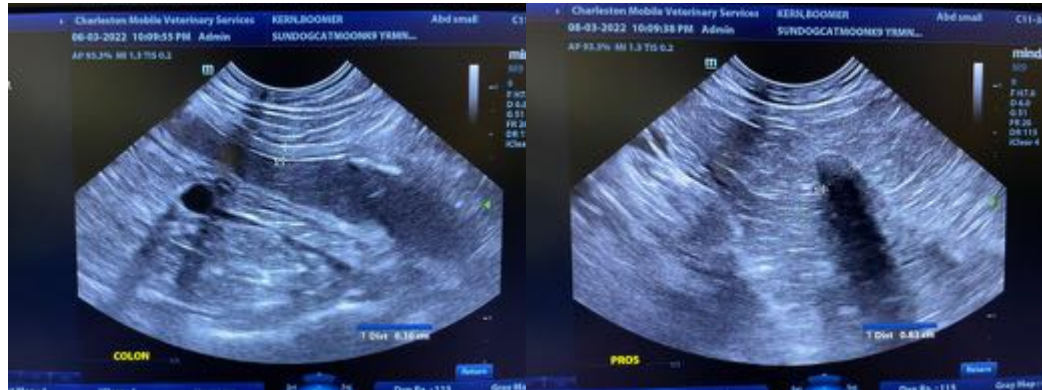
Abby Clayton

INVOICE

11324

DATE

8.4.22



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.

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