

**PATIENT PRESENTING CLINICAL SIGNS**

Louie Boles  
History: V/D, lethargy.  
Abnormal PE/Chem/CBC/UA Results: 4/2021- RBC 9.03, HCT 62, HgB 21.6

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. A small 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.

BREED

Poodle Mix

The prostate is normal in size (0.81 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

SEX

Neutered Male

The left kidney presented normal size (4.71 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.

AGE

6 Years

The right kidney presented normal size (4.15 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.

WEIGHT

40 Lbs.

**Adrenal Glands**

The left adrenal gland is normal size (0.33 cm at cranial pole) (0.40 cm at caudal pole) (1.98 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.

**INTERPRETED BY**

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

The right adrenal gland is normal size (0.77 cm at cranial pole) (0.51 cm at caudal pole) (1.52 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**

Shari Reffi, CVT

**Spleen**

The spleen is normal in size (1.38 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.

**HOSPITAL NAME**

Summit Dog and Cat  
Hospital

**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.

**REFERRING VET**

Dr. Volger

**INVOICE**

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.

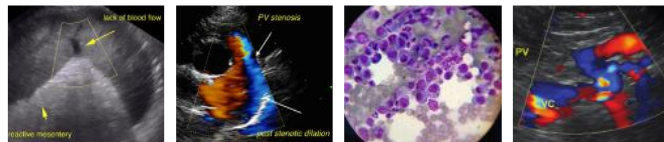
10065

**Gastrointestinal**

The gastric lumen is moderately distended with ingesta and shadowing material. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal.

DATE

12/22/21



**PATIENT**

Louie Boles

with a normal layering pattern and appropriate mural detail. There is slight disruption in the normal 1:3 muscularis to mucosal ratio in some segments. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

**SPECIES**

Canine

**Pancreas**

A portion of the pancreas is obscured by the gastric distention. In the visualized portions, no obvious abnormalities are seen.

**BREED**

Poodle Mix

**Free Abdomen**

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

**SEX**

Neutered Male

**Primary Findings**

- The shadowing material within the gastric lumen may represent food and/or foreign material. Correlation with clinical findings is recommended.

**AGE**

6 Years

- Bowel pattern suggestive of inflammatory bowel disease. However, correlation with the patient's clinical history is recommended.

**WEIGHT**

40 Lbs.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Consider abdominal radiographs to further evaluate the gastric luminal contents.
- A fecal evaluation for ova/Giardia
- A GI Panel, including serum cobalamin folate TLI and PLI can also be considered.
- Supportive care for acute gastroenteritis is recommended. If clinical signs do not improve within 24-72 hours of medical management, a more advanced GI workup may be warranted

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Summit Dog and Cat  
Hospital

**REFERRING VET**

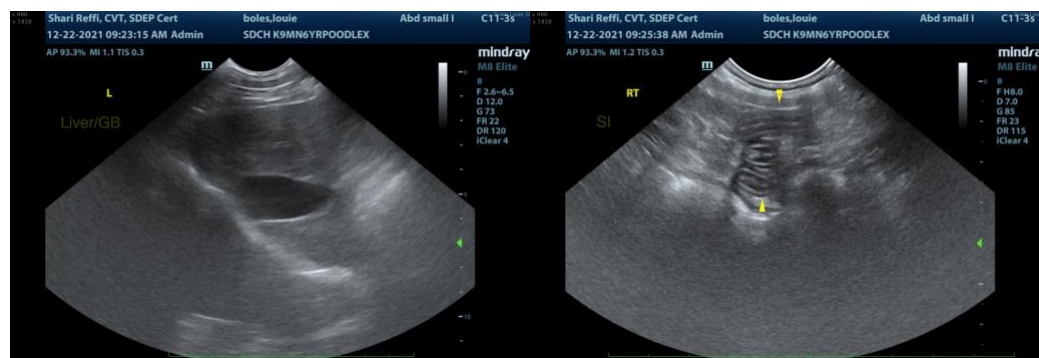
Dr. Volger

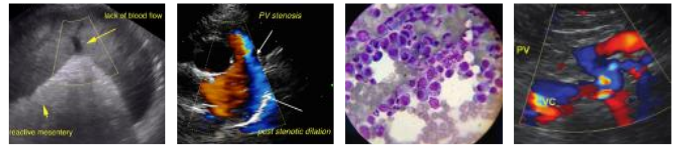
**INVOICE**

10065

**DATE**

12/22/21





**PATIENT**

Louie Boles

**SPECIES**

Canine

**BREED**

Poodle Mix

**SEX**

Neutered Male

**AGE**

6 Years

**WEIGHT**

40 Lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Summit Dog and Cat  
Hospital

**REFERRING VET**

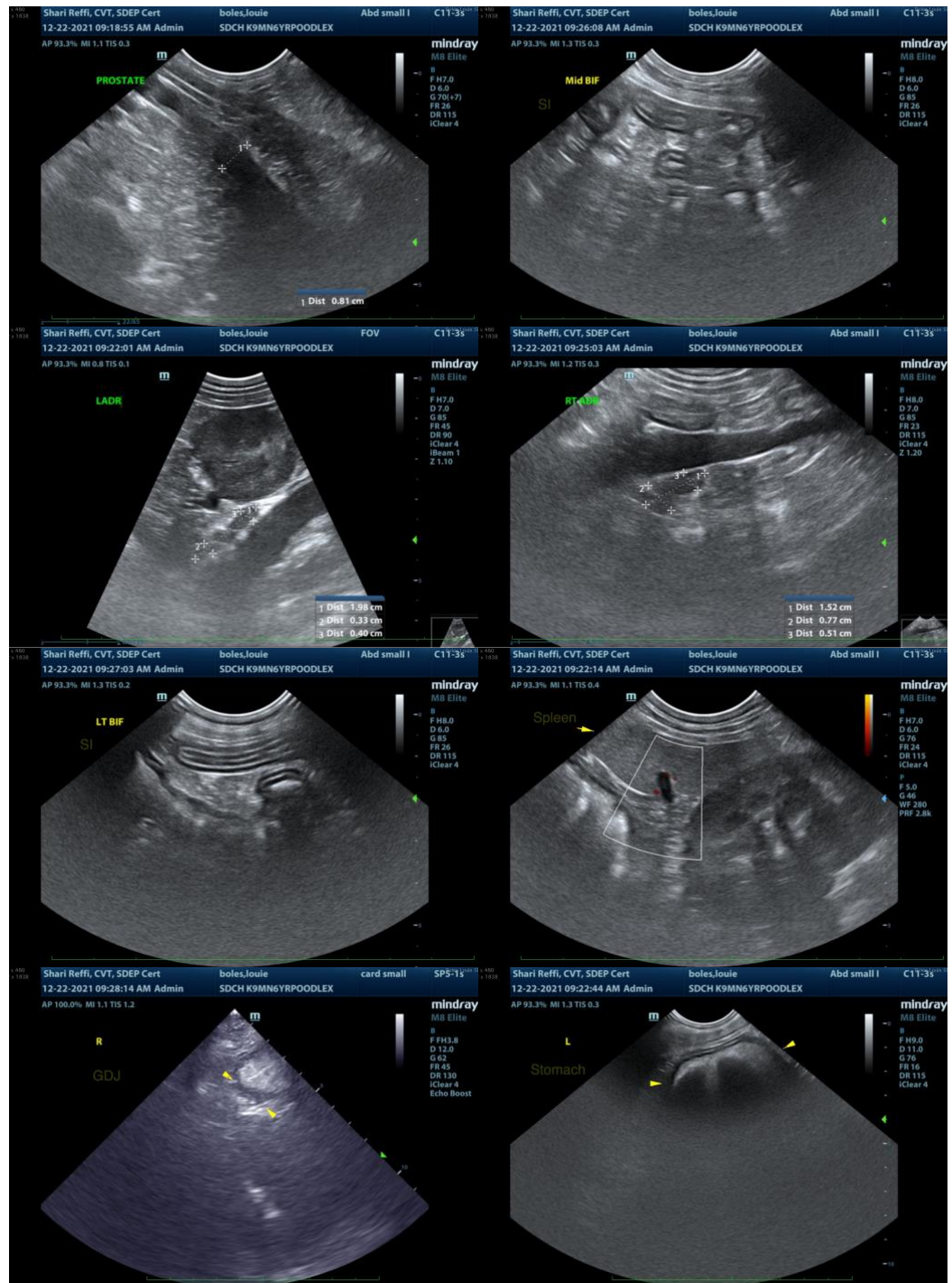
Dr. Volger

**INVOICE**

10065

**DATE**

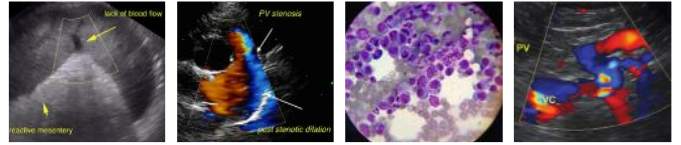
12/22/21



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



**PATIENT**

Louie Boles

**SPECIES**

Canine

**BREED**

Poodle Mix

**SEX**

Neutered Male

**AGE**

6 Years

**WEIGHT**

40 Lbs.

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Summit Dog and Cat  
Hospital

**REFERRING VET**

Dr. Volger

**INVOICE**

10065

**DATE**

12/22/21