



PATIENT PRESENTING CLINICAL SIGNS

Bo Yannitelli The patient presented for acute onset of vomiting and diarrhea along with the housemate, some blood in stool, did eat a piece of broccoli. Prominent spleen on radiographs.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Pitbull mix

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface at the apex is slightly irregular. The bladder lumen is moderately distended. A small to moderate 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.

SEX

Male, neutered

The prostate is normal in size (0.89 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

AGE

3/15/2010

The left kidney is normal size (6.35 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 hydroureter. Renal vasculature is normal.

WEIGHT

58.6 lbs.

The right kidney is normal size (6.23 cm in length) with a slightly irregular shape. A 2.55 cm cortical cyst is observed at the lateral aspect. The cyst causes mild capsular expansion. In the remainder of the kidney, there is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.63 cm at cranial pole) (0.64 cm at caudal pole) (3.04 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.

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The right adrenal gland is normal size (1.15 cm at cranial pole) (0.81 cm at caudal pole) (3.14 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.

HOSPITAL NAME

Sun Dog Cat Moon

Spleen

The spleen is enlarged (4.04 cm in width at the level of the hilus) with swollen peripheral contours. The parenchyma is subtly mottled in appearance. No distinct focal lesions are observed. Splenic vasculature is normal with no evidence of thrombosis.

REFERRING VET

Dr. Abby Clayton

Liver

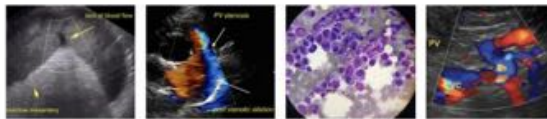
The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen with minor changes consistent with age-related remodeling. No focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion. The gallbladder 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.

INVOICE

12954

DATE

2/2/22



PATIENT *Gastrointestinal*

Bo Yannitelli
The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. 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 not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

SPECIES

Canine

BREED

Pitbull mix

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.

SEX

Free Abdomen

Male, neutered

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

AGE

3/15/2010

Other

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

WEIGHT

58.6 lbs.

ULTRASONOGRAPHIC FINDINGS

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- Splenomegaly. Differentials include a benign process such as lymphoid hyperplasia, extramedullary hematopoiesis or splenitis. Alternatively, infiltrative neoplasia (i.e., lymphoma) is possible but considered less likely.
- The hepatic changes are consistent with age-related parenchymal remodeling and are not considered clinically significant at this time.
- Right renal cortical cyst.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Consider a fine needle aspirate of the spleen to assess for infiltrative neoplasia. If a more conservative approach is desired, consider a recheck ultrasound in 2-3 weeks.
- Supportive care for acute gastroenteritis is recommended.
- Also consider a fecal evaluation for ova and Giardia.

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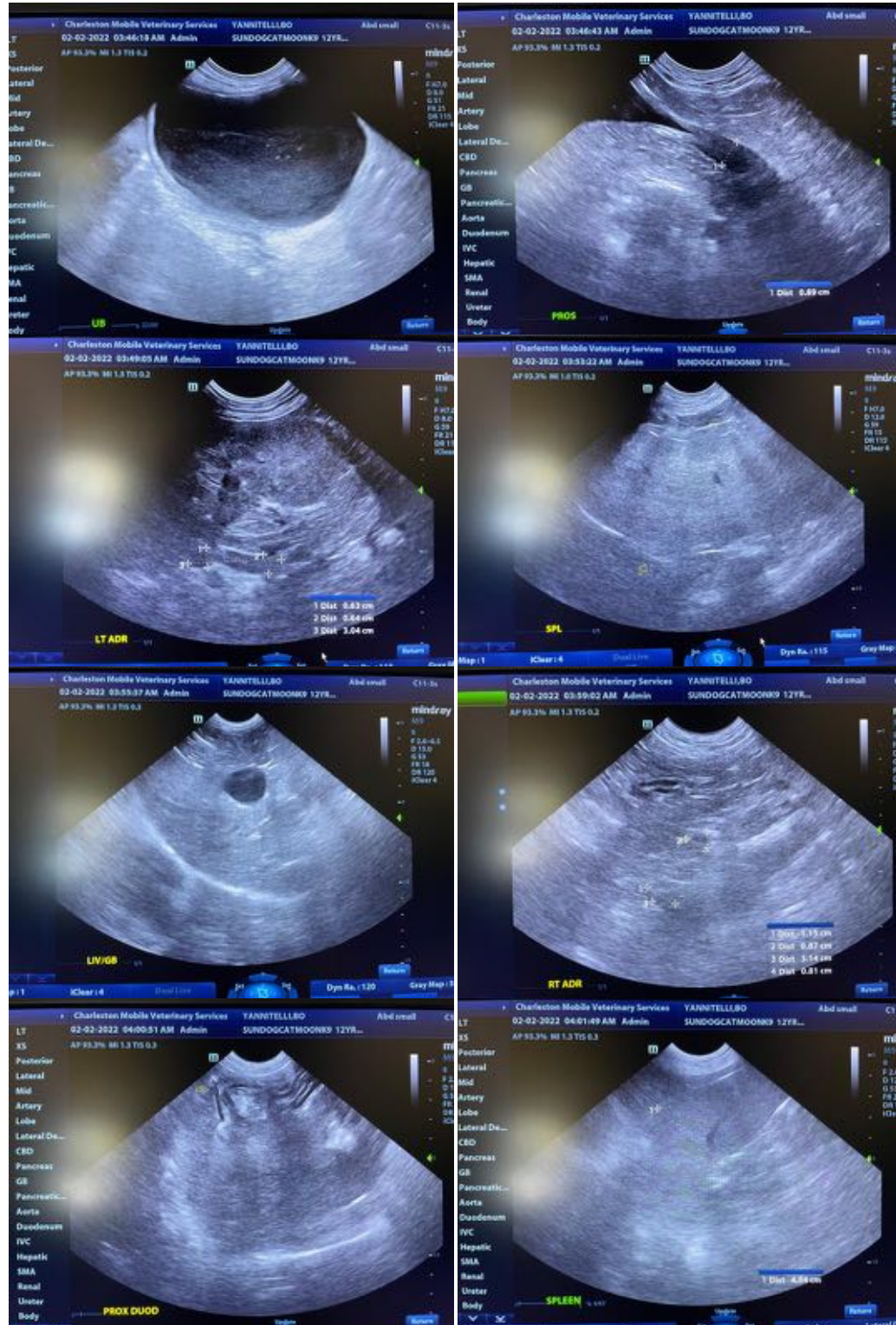
Dr. Abby Clayton

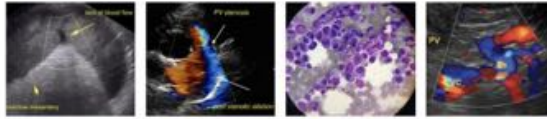
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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