

PATIENT

Bruno Vikete

PRESENTING CLINICAL SIGNS

History: R/O FB. No current meds.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Neuts 13.83 (H), Lymph 0.73 (L), eos 0.03 (L), Calcium 8.8 (L), ALP 221, K 3

BREED

Boxer mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

SEX

Male Neutered

The prostate is normal in size (1.00 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

AGE

6 years

The left kidney is normal size (7.37 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

68.5 lbs.

The right kidney is normal size (7.52 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.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.62 cm at cranial pole) (0.72 cm at caudal pole) (2.24 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

The right adrenal gland is normal size (1.30 cm at cranial pole) (0.81 cm at caudal pole) (2.36 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

Newton VH

Spleen

The spleen is normal in size (2.67 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.

REFERRING VET

Dr. Kim

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 lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

INVOICE

11845kk

DATE

9/17/21



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Gastrointestinal

Bruno Vikete

The gastric lumen is fluid-distended and hypomotile. Some linear, hyperechoic stranding material is observed within the fluid. The gastric wall is normal in thickness with a normal layering pattern. Some small intestinal loops are moderately dilated and hypomotile. A few are plicated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. There appears to be linear foreign material within the colonic lumen. The colonic lumen also contains echogenic fluid.

SPECIES

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Pancreas

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A portion of the pancreas is obscured by the dilated bowel loops. However, no obvious pathology is observed in the visible regions.

SEX

Male Neutered

Free Abdomen

The mesentery is hyperechoic. Trace free fluid is observed. The abdominal lymph nodes are normal/not visible.

AGE

6 years

Other

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

ULTRASONOGRAPHIC FINDINGS

WEIGHT

68.5 lbs.

- Suspected colonic foreign material with questionable, residual, foreign body within the small intestinal and/or gastric lumen. Peritonitis is present. Rule out sterile versus septic.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

1. Three-view thoracic radiographs are recommended to assess for aspiration pneumonia.
2. Although, it is unclear if there is residual foreign material within the small intestine and/or stomach, an abdominal exploratory should be considered due to this possibility. The free fluid is also concerning for the possibility of bowel perforation/peritonitis.

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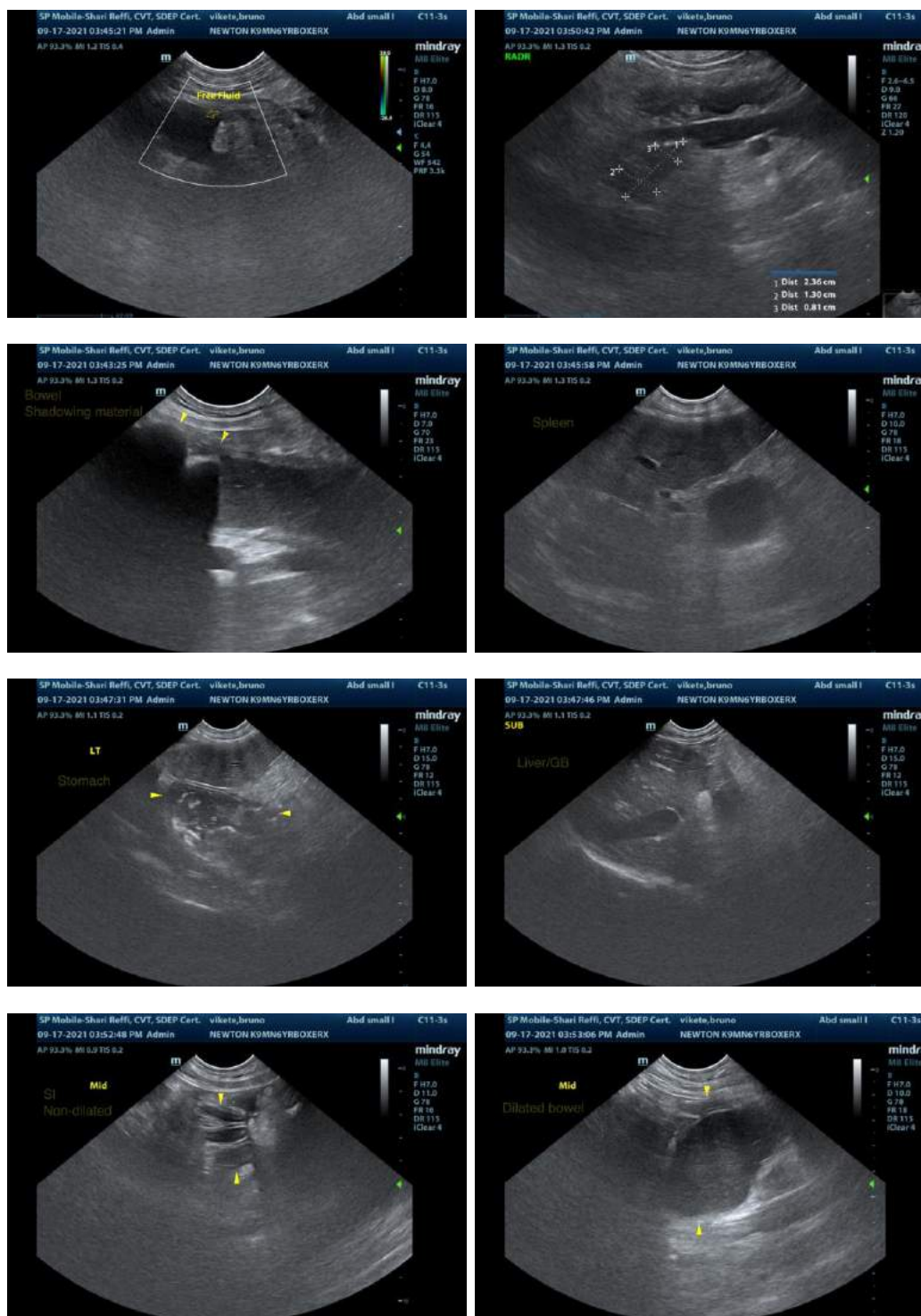
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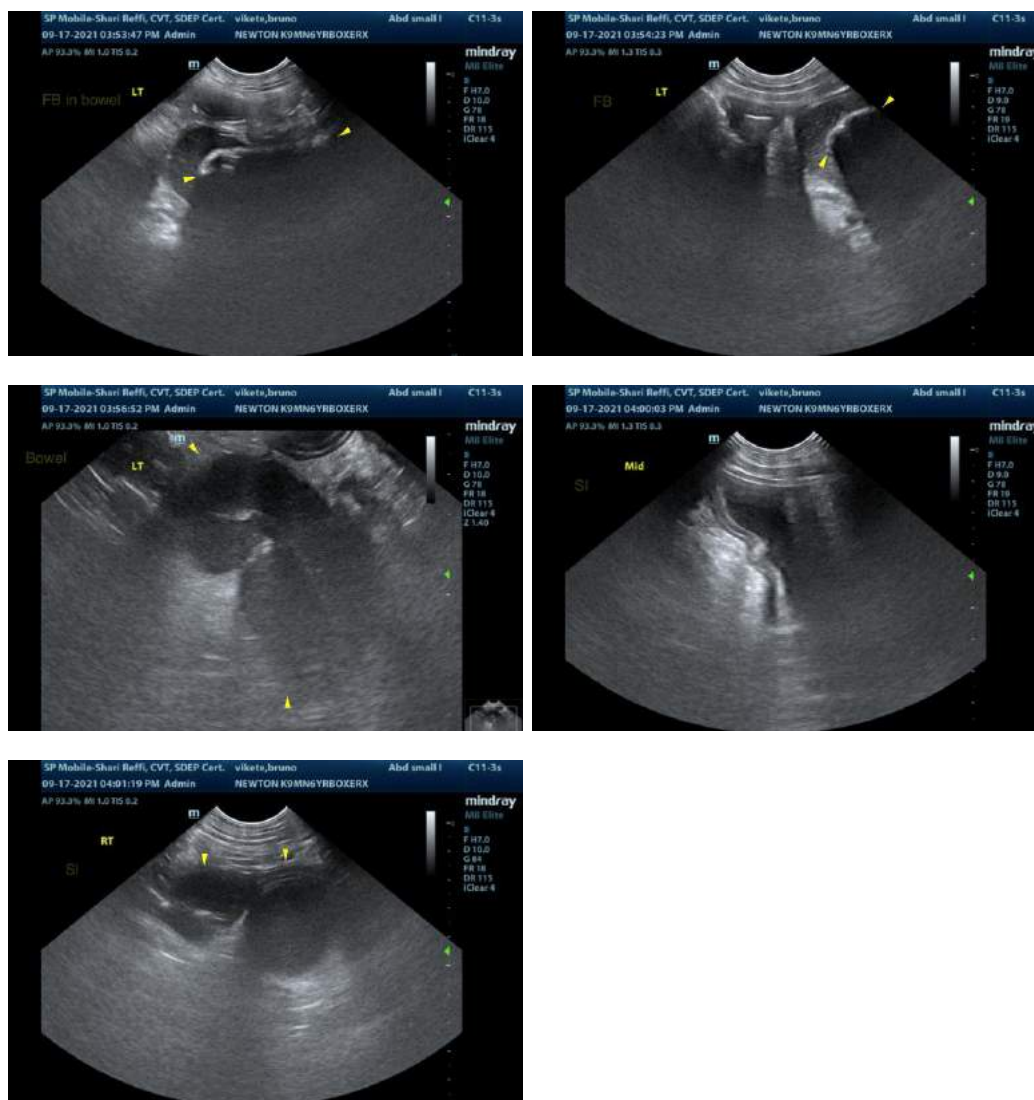
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 ACVIM (Small Animal Internal Medicine)
Andrea.nicastro@sonopath.com