



PATIENT

Rascal Adorno

SPECIES

Canine

BREED

Pug X

SEX

Neutered Male

AGE

14 Years

WEIGHT

15.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Miller

INVOICE

13352

DATE

1/10/22

PRESENTING CLINICAL SIGNS

History: Presented at our hospital for not eating, vomiting 4-5 times yesterday, abdominal breathing for about 1 month

Previous Health Concerns: sx at Metropolitan a few years ago on his jaw??

Current Medications/Supplements/OTC: Prednisone on and off since surgery

Appetite/When did they eat last: ate food yesterday but then vomited

Abdominal: tense; cranial organomegaly, no obvious mass noted

Radiographs: ST opacity over tracheal extra-thoracic, bronchointestinal lung changes, large amount of sternal fat, generalized abdominal loss of serosal detail (no obvious ascites noted on brief abdominal ultrasound), no obvious foreign material or obstruction, empty stomach

Chemistry: Total protein 8.1 H, Albumin 4.0 H, Globulin 4.1 H, Cholesterol 321 H, ALP 256 H, Amylase 1989 H, Lipase 801 H

CBC: WBC 28.98 H, PMN 26.71 H, stress leukogram, Plt 592 H

EPOC: Lactate 3.68 H

cPL: abnormal

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.54 cm. The right kidney measured 5.69 cm.

Adrenal Glands

The **left adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.72 cm x 0.49 cm at the cranial pole and 0.47 cm at the caudal pole.

The region of the **right adrenal gland** revealed no evident pathology.

Spleen

The **spleen** revealed a focal hypoechoic nodule, measuring 1 cm x 0.5 cm. Ultrasound guided FNA warranted. Loss of structural detail noted in the nodule.



PATIENT

Liver

Rascal Adorno

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

SPECIES

Canine

BREED

Pug X

SEX

Neutered Male

AGE

14 Years

WEIGHT

15.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Gastrointestinal

The upper **gastrointestinal tract** in this patient revealed minor, edematous wall. There was no evidence of foreign bodies. Minor areas of fluctuant fluid accumulation were noted within the lumen with hyperperistalsis. This pattern continued to the ileocecal valve. The colon revealed a fluid filled lumen. This presentation is most consistent with gastrointestinal irritation/inflammation without obstruction.

Pancreas

The **pancreas** revealed mixed echogenic changes throughout the left and right limbs of the pancreas with enhanced surrounding mesentery, consistent with pancreatitis.

ULTRASONOGRAPHIC FINDINGS

- Gastroenteritis/Pancreatitis pattern
- Splenic nodule, Ultrasound guided FNA warranted
- Geriatric abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

24-hour NPO, GI protectant protocol, plasma expanders and broad-spectrum antibiotics all indicated. Recheck sonogram in 48-72 hours. No evidence of foreign bodies. The prednisone history may be partially suppressing this sonographic presentation.

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

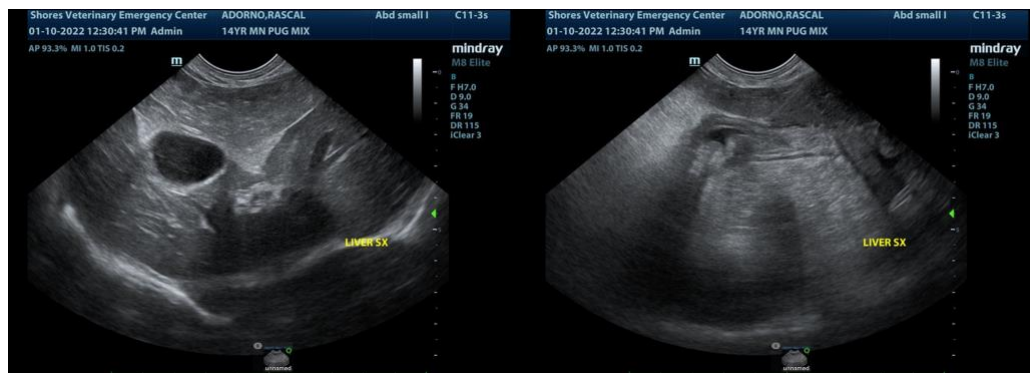
Dr. Miller

INVOICE

13352

DATE

1/10/22





PATIENT

Rascal Adorno

SPECIES

Canine

BREED

Pug X

SEX

Neutered Male

AGE

14 Years

WEIGHT

15.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

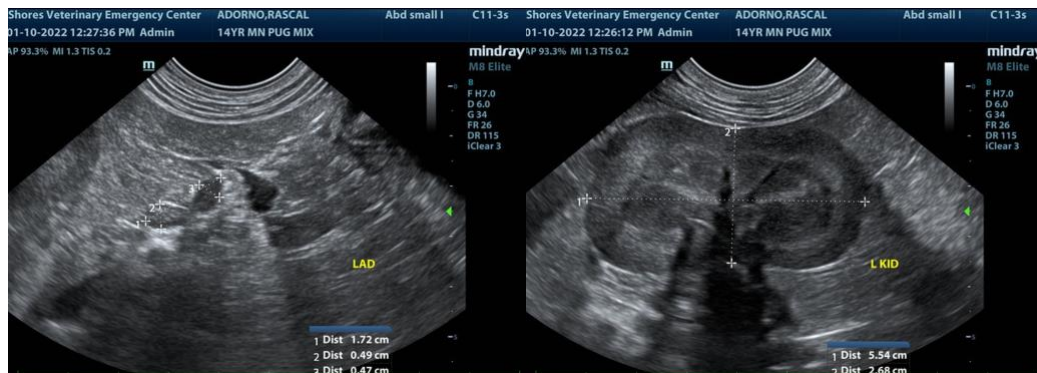
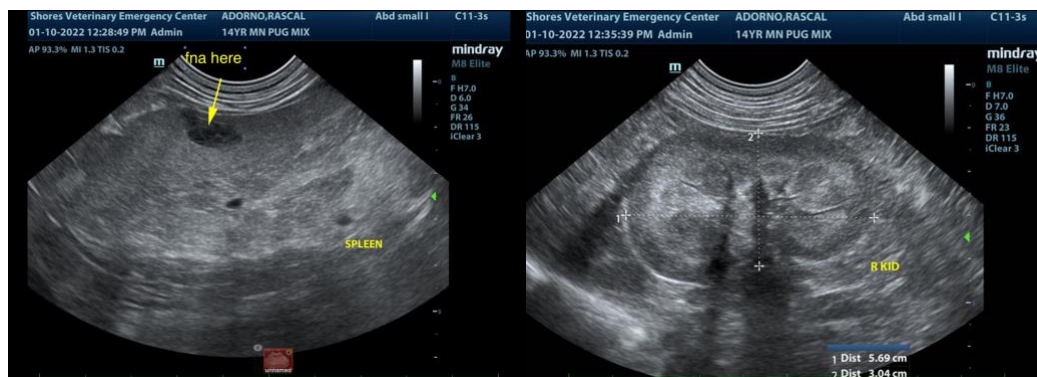
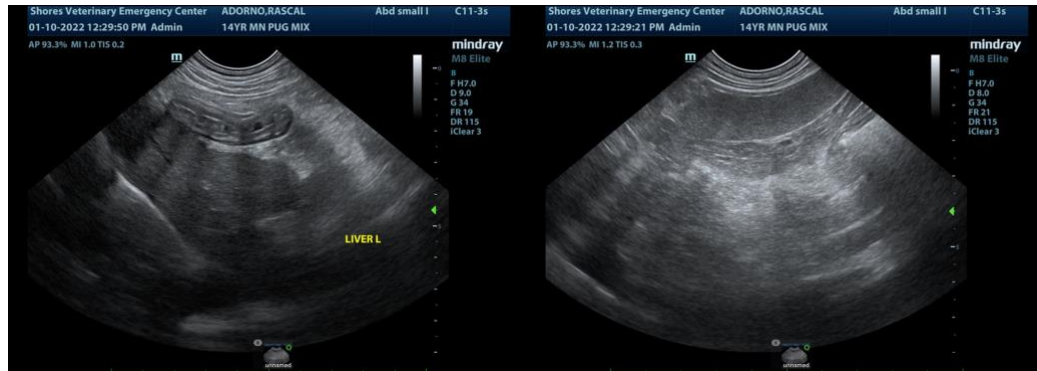
Dr. Miller

INVOICE

13352

DATE

1/10/22



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com