



PATIENT PRESENTING CLINICAL SIGNS

Sparty Chang History: Diarrhea with blood intermittently. Current meds: metronidazole.
Abnormal PE/Chem/CBC/UA Results: CBC/Chem: WNL.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. 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 was noted. Ureteral papillae were normal.

SEX

Neutered male 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 right kidney measured 3.95 cm. The left kidney measured 3.5 cm.

AGE

11 years

WEIGHT Adrenal Glands

6.14 lbs Both **adrenal glands** were 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 1.45 x 0.5 cm at the caudal pole and 0.4 cm at the cranial pole. The right adrenal gland measured 1.42 x 0.84 cm at the cranial pole and 0.47 cm at the caudal pole.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

North Jersey AH

REFERRING VET Liver

Dr. Shaw The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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. Transdiaphragmatic view revealed comet tail lung pattern.

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PATIENT

Gastrointestinal

Sparty Chang

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

BREED

Yorkie

SEX

Neutered male

Pancreas

The **pancreas** was coarse with hyperechoic parenchymal changes with a dilated duct that measured 0.2 cm. the pancreatic changes extended throughout the right and left limbs. This is most consistent with remodeling owing to prior episodes of pancreatitis. However, some level of inflammation may still be present.

ULTRASONOGRAPHIC FINDINGS

AGE

11 years

Comet tail lung pattern.

Pancreatic remodeling. Otherwise, stable geriatric abdomen.

WEIGHT

6.14 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chest radiographs are warranted to assess for pulmonary disease. The patient has possible low-grade pancreatitis. Dietary intolerance, occult parasitism and inflammatory bowel are all possible. Hydrolyzed diet or Purina HA or Royal Canin HP diet is warranted given the breed presentation to inflammatory bowel and potential lymphangectasia.

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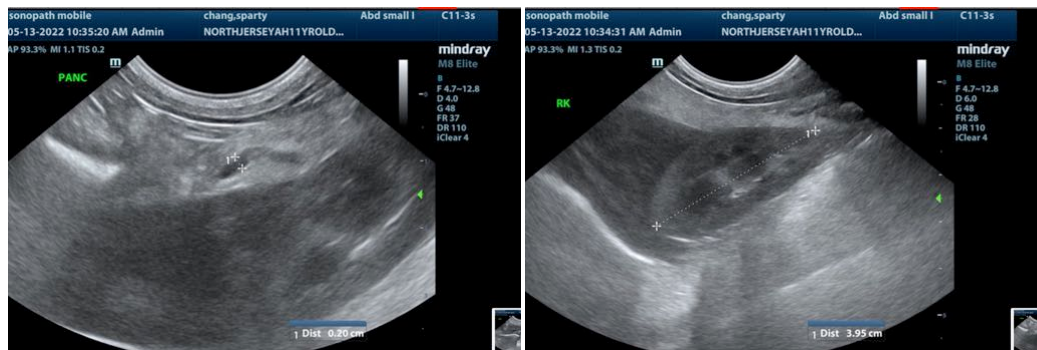
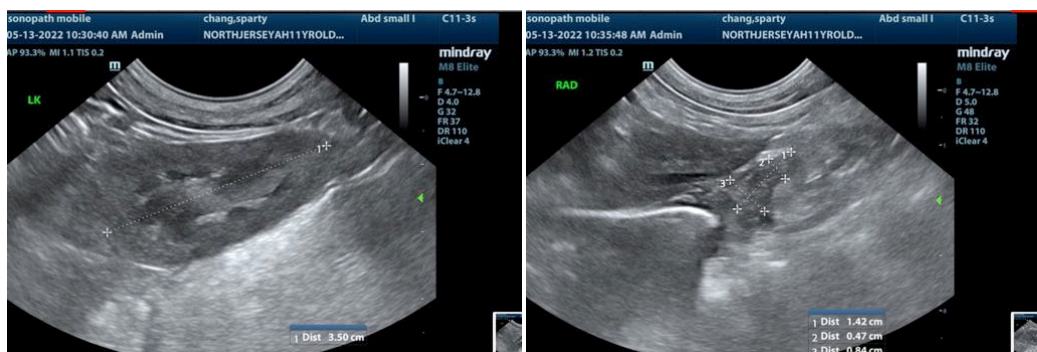
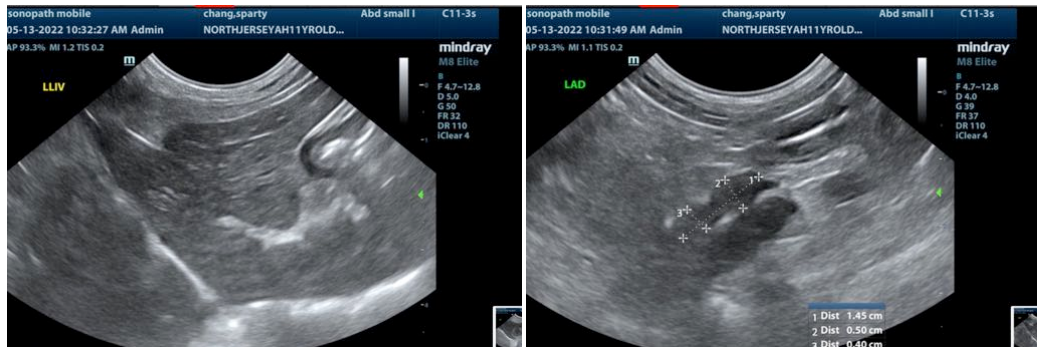
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT

can be of any further assistance please contact me.

Sparty Chang

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Yorkie

SEX

Neutered male

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