



PATIENT

Yankee Wagner

SPECIES

Canine

BREED

Japanese Chin

SEX

Intact Male

AGE

2 Years

WEIGHT

5.2 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Moser

INVOICE

13787

DATE

2/5/22

PRESENTING CLINICAL SIGNS

History: Presented at our hospital for recheck. Patient was seen here 1/31/22 form vomiting, not eating, lethargic. Patient ate well Monday-Wednesday but then started having explosive diarrhea Wednesday night every 30mins – 1 hour. Regular vet prescribed metronidazole Thursday. Patient then started pacing, hiding, restless yesterday. So regular vet told them to stop the metro yesterday (Friday) incase patient was having a weird reaction to it. This morning patient started having labored breathing, when he took a deep breath in would start shaking. Drinking ok Previous Health Concerns: None Current Medications: Stopped sucralfate and metronidazole Appetite/When did they eat last: Appetite decreased, ate a little yogurt and baby food yesterday

Abnormal PE/Chem/CBC/UA Results: Abdominal: painful/reactive on palp CPL abnormal Epcoc: HCT 34 CBC: BAS 0.17(H), NEU% 86.7(H), LYM% 8.3(L) Rads: widened gastro-duodenal angle, increased gas in duodenum, empty stomach, sl increased soft tissue density in region of pancreas

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 3.0 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 3.45 cm. The right kidney measured 4.16 cm.

Adrenal Glands

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 right adrenal gland measured 1.54 cm x 0.33 cm at the cranial pole and 0.48 cm at the caudal pole. The left adrenal gland measured 3.09 cm x 0.3 cm at the caudal pole and 0.25 cm at the cranial pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No



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pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

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The **stomach** presented a minor amount of luminal fluid yet no evidence of foreign bodies. Soft stool was noted in the colon.

Pancreas

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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ULTRASONOGRAPHIC FINDINGS

- Gastroenteritis pattern

AGE

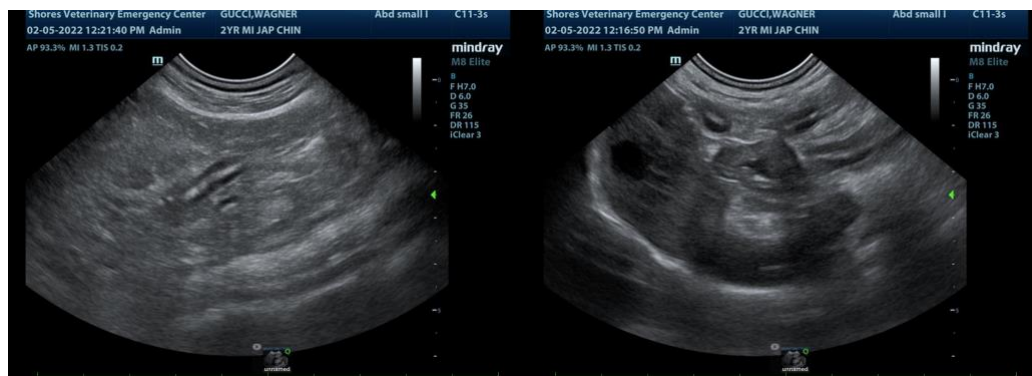
2 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the age-and breed, screening for Addisons with baseline cortisol warranted. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.

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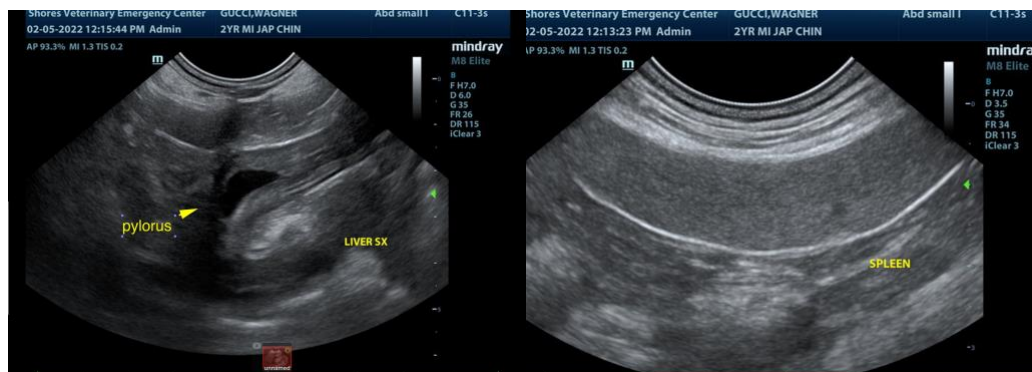
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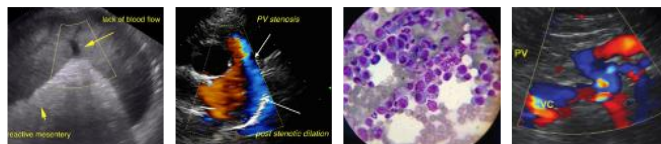
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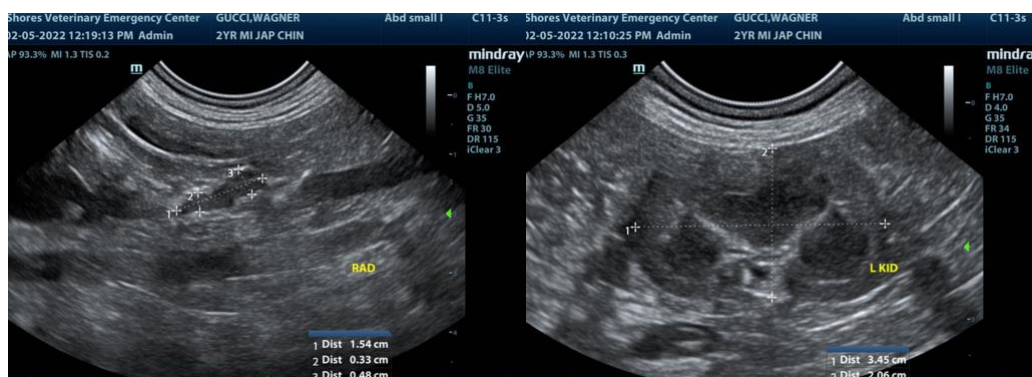
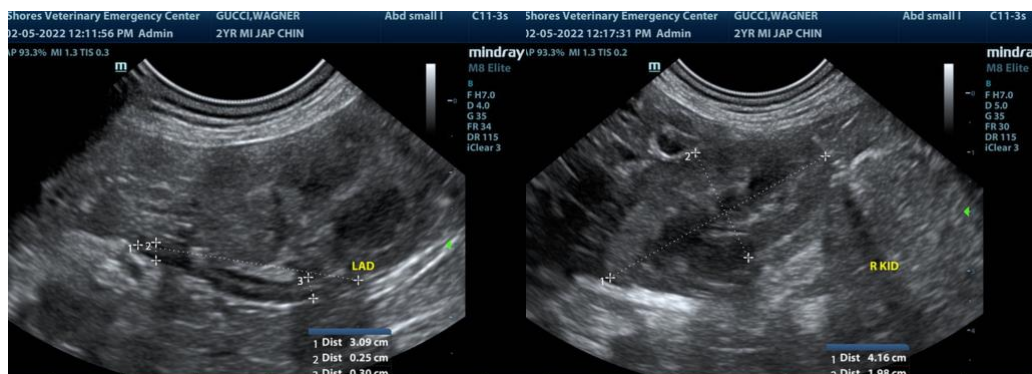
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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