

PATIENT PRESENTING CLINICAL SIGNS

Chloe Paige History: -decreased appetite for 1-2 weeks -abdomen seems larger to O -Tense on abdominal palpation Current Medications Gabapentin, Cerenia, Clavamox, Denamarin, Nexgard, Heartgard Radiographic Findings Abdominal 2-view radiographs; abdomen appears generally normal with no noted obstruction or organomegaly. Primary Question/Differential to Be Answered in This Exam lethargy and elevated liver enzymes

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: 3/30/23 - liver enzyme elevations, mild AST, ALP, GGT, bilirubin elevations; marked ALT elevation (1.808)

BREED

Australian Cattle Dog
Mix

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.

SEX

Spayed Female

AGE

9 Years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.05 cm. The left kidney measured 5.13 cm.

WEIGHT

36.4 Pounds

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 left adrenal gland measured 2.48 cm x 0.36 cm at the cranial pole and 0.52 cm at the caudal pole. The right adrenal gland measured 2.22 cm x 0.36 cm at the cranial pole and 0.62 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

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.

HOSPITAL NAME

Creekside VC

Liver

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.

REFERRING VET

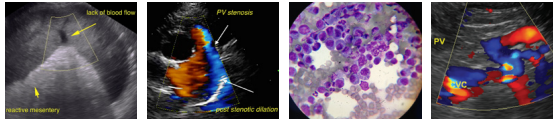
Dr. Matteson

INVOICE NUMBER

21967

DATE

4/13/23



PATIENT *Gastrointestinal*

Chloe Paige The upper **gastrointestinal tract** in this patient revealed minor, edematous wall. There was no evidence of foreign bodies. Minor excessive GI gas was noted. Minor amount of chyme was present. 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.

SPECIES *Pancreas*

Canine The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some mild parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED
Australian Cattle Dog
Mix

SEX • Mild nonspecific gastroenteritis pattern

Spayed Female • Nonspecific inflammatory hepatopathy- acute on chronic insult such as Leptospirosis should be considered.

AGE • Age-related renal and pancreatic changes

9 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT Hepatic FNA is indicated. Leptospirosis titers is indicated. Ampicillin, metronidazole, nutraceuticals, and GI protectants are all warranted, as well as fecal test. No evidence of neoplasia.

36.4 Pounds

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HOSPITAL NAME

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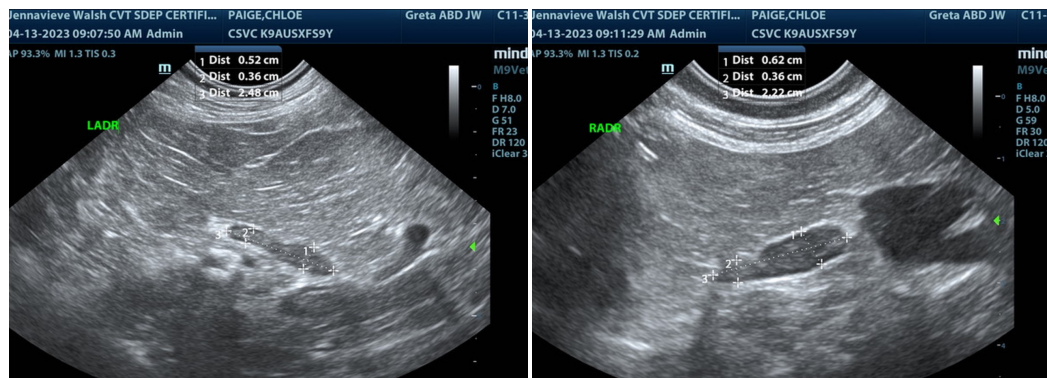
Dr. Matteson

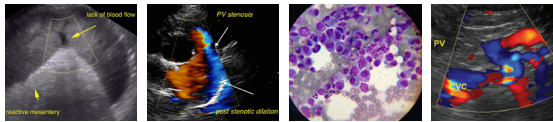
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PATIENT
Chloe Paige

SPECIES
Canine

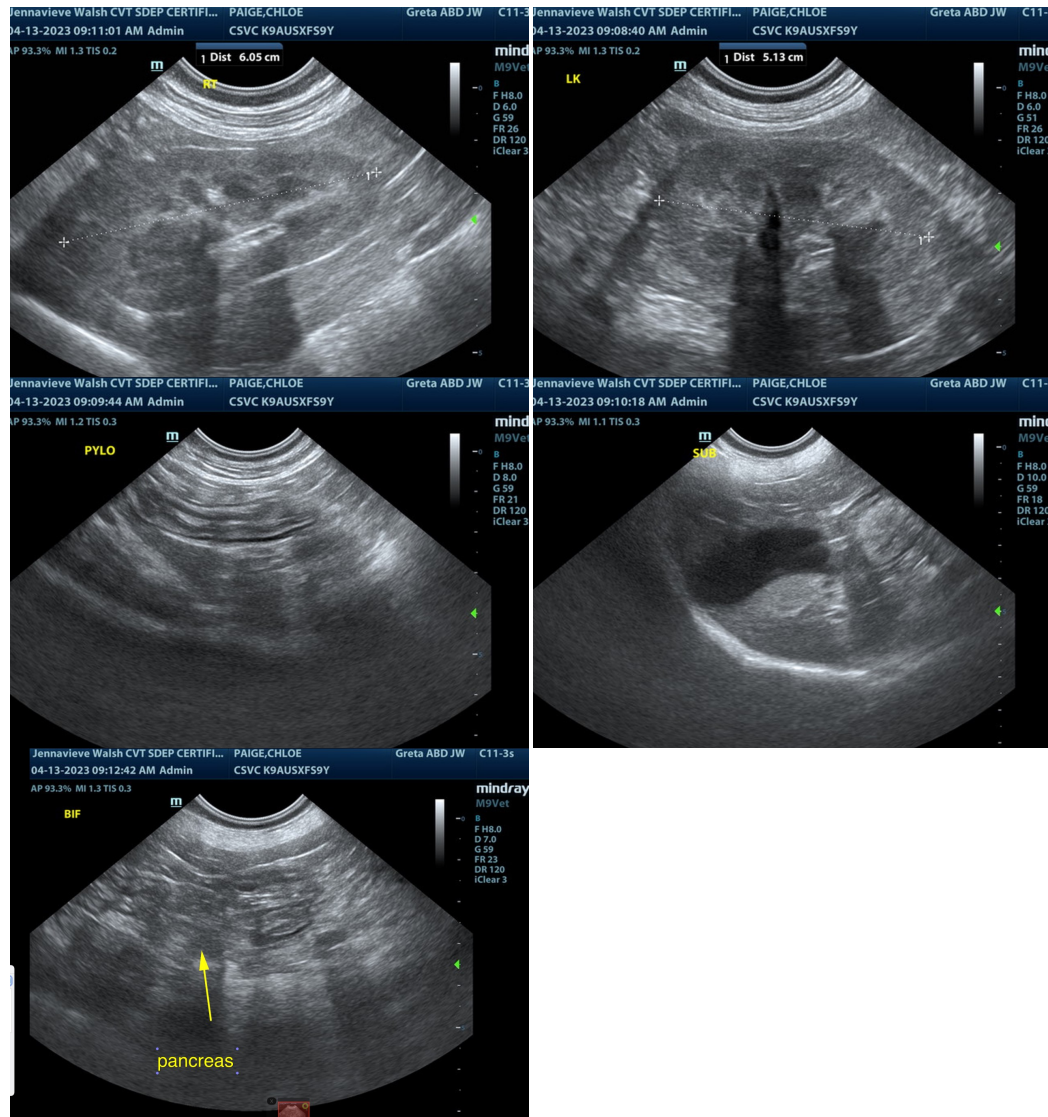
BREED
Australian Cattle Dog
Mix

SEX
Spayed Female

AGE
9 Years

WEIGHT
36.4 Pounds

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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.

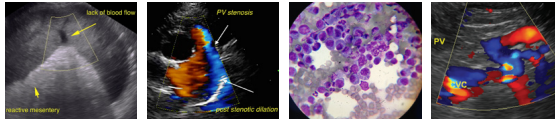
Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

REFERRING VET
Dr. Matteson

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

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Chloe Paige

SPECIES

Canine

BREED

Australian Cattle Dog
Mix

SEX

Spayed Female

AGE

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