



PATIENT

Zoey Barr

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

13 Years

WEIGHT

12.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lesley Cohen

HOSPITAL NAME

Willamette VH

REFERRING VET

Dr. Lesley Cohen

INVOICE

17909

DATE

11/8/22

PRESENTING CLINICAL SIGNS

History: Brief History: CC 11/6/22: Not eat 2 days, vomited today (with food), painful abdomen Hx: osteoarthritis - manage with adequate. Hyperthyroidism, for 6 mo on methimazole 2.5 mg PO q 12 hr. Indoor only. Blood testing in Sept 21 2022 - Hct 41% at that time.

Abnormal PE/Chem/CBC/UA Results: 11/6 PE: Abdominal pain. Heart murmur, gallop CBC = HCT 21%, leukogram nsf with stress shifts, neuts 13.6k, platelets wnl 300k chem = glucose 228, ALT 284. all other wnl EPOC = nsf. lytes wnl. K 3.7; lactate 2.51 wnl. UA = USG 1.030, pH 7.0, WBCs <1/hpf, suspect rods and cocci, no crystals or casts air-dried + stained cytology of urine = few extracellular bacteria, no intracellular seen, few WBCs right lateral abd radiograph = normal stool in colon, some gas pockets in SI but not dilated, some soft tissue opacity in stomach but without dilation. No obvious masses. Kidneys symmetric. Chest wnl. UC&S pending. ProBNP: < 50 pmol/dL, wnl

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 2.0 cm beyond the cystourethral junction.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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 3.61 cm. The left kidney measured 4.33 cm.

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

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 from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor 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.



PATIENT *Gastrointestinal*

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There was some residual chyme and gas noted in the **stomach**, yet not pathological. This is consistent with chyme. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

BREED *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.

Other

Pleural effusion was noted through the diaphragm.

AGE

13 Years

ULTRASONOGRAPHIC FINDINGS

- Mild delayed gastric outflow pattern
- Pleural effusion through the diaphragm
- Age-related renal and hepatic changes

WEIGHT

12.5 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pleurocentesis and cytospin, as well as chest radiographs +/- chest CT and +/- echocardiogram are all indicated. No evidence of abdominal disease is noted. Low grade inflammatory hepatopathy is suspected given the ALT elevation. However, structurally the abdomen was unremarkable.

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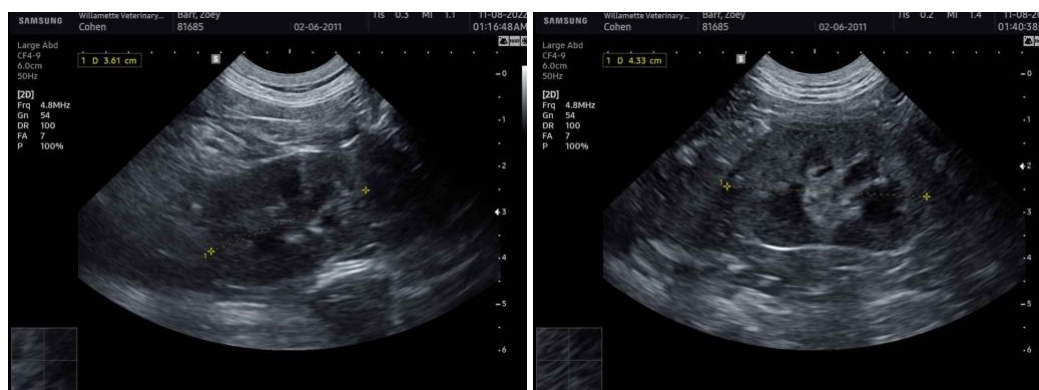
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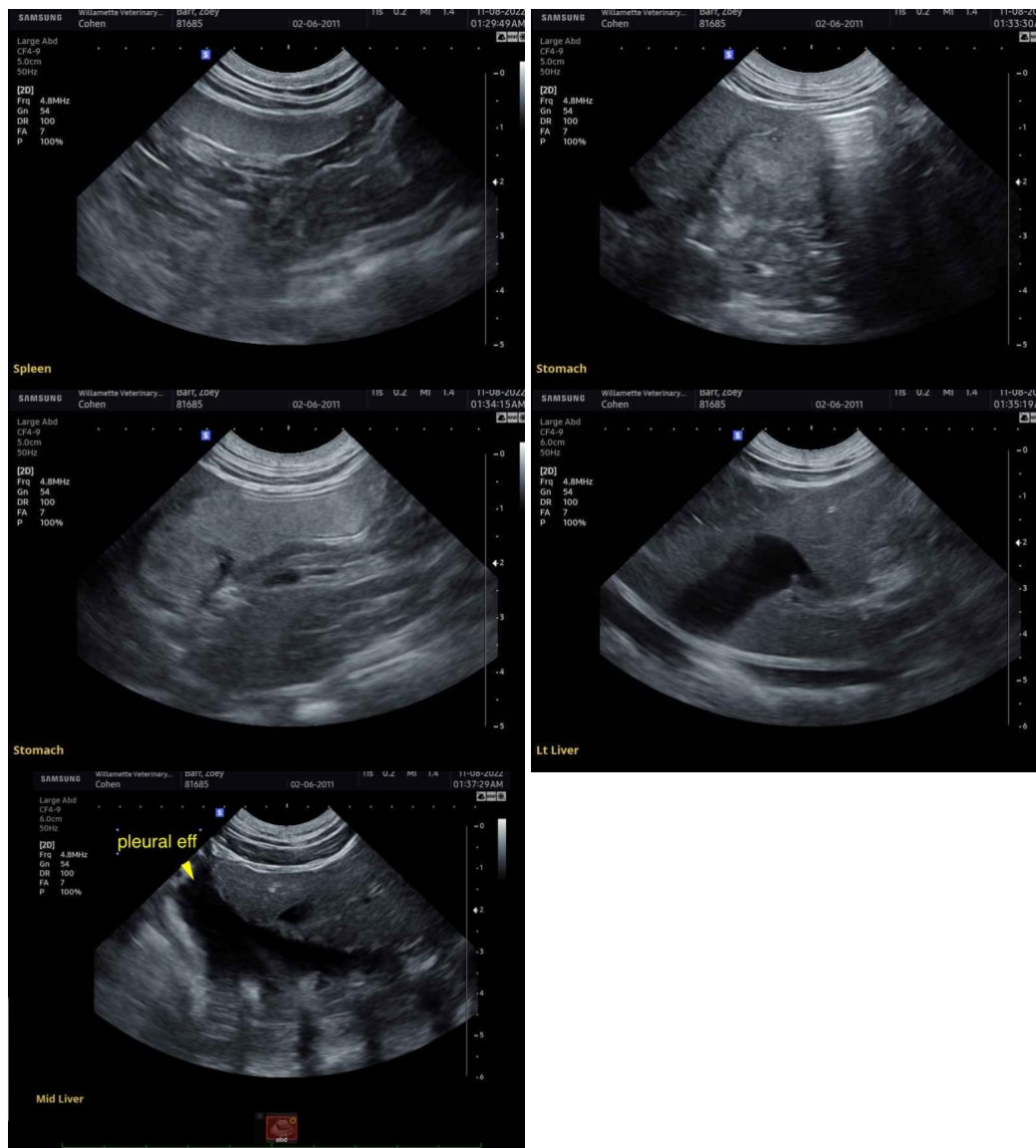
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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