



PATIENT

Weiven Cznowski

SPECIES

Canine

BREED

Heeler

SEX

Neutered Male

AGE

11 Years

WEIGHT

70 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harmon

HOSPITAL NAME

Willamette VH

REFERRING VET

Dr. Harmon

INVOICE

16480

DATE

7/4/22

PRESENTING CLINICAL SIGNS

History: progressive lethargy and poor appetite over last 1-2 months, vomiting last 24 hours (dark in appearance concern for GI bleed based on description) abdominal pain on presentation, panting, normal vitals

Abnormal PE/Chem/CBC/UA Results: Rads-Thorax unremarkable, abdomen, hepatomegaly, poor serosal detail, multiple loops of SI that are gas distended on upper limits of normal. CBC - Retic 377.8, HCT 51.3%, suspect band neuts, Lym 0.76 CHEM 17- ALKP 281 EPOC- Na 153, pH 7.485, PCO2 22.6, BE -6.4, hct 54%

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 **kidneys** were significantly irregular with multiple hypoechoic cortical nodules with disruptive architecture. Pelvic dilation and reactive mesentery were strongly concerning for a neoplastic process. The left kidney measured 4.0 cm. The right kidney measured 5.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed scalloping contour with hypoechoic granular appearance with hyperechoic lipogranulomas.

Liver

The **liver** presented similar changes with swollen irregular contour and increased portal markings. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

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.

Pancreas

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.

Free Abdomen

Enhanced mesentery was noted throughout the cranial abdomen associated with the pancreas yet not likely a primary issue.



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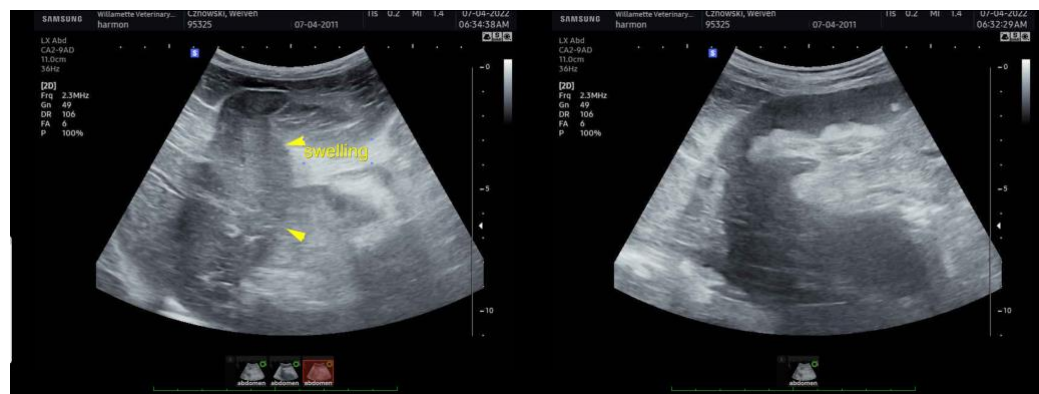
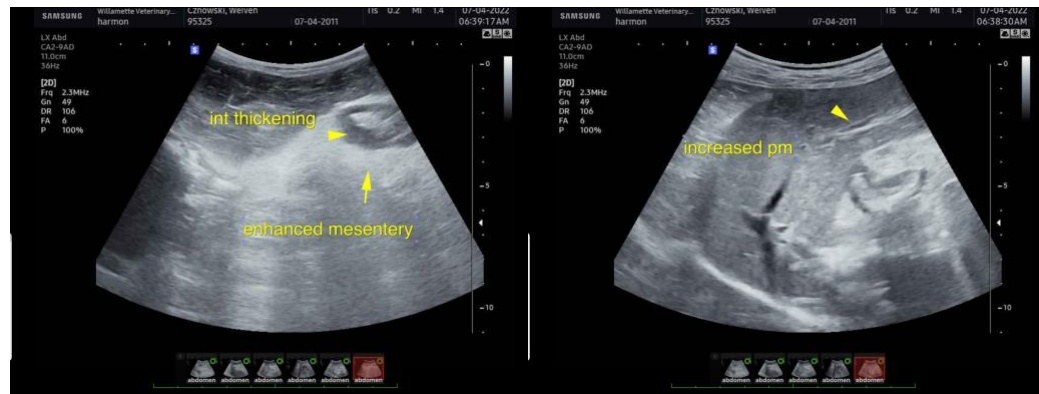
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ULTRASONOGRAPHIC FINDINGS

- Multiple renal nodules with regional inflammation, strongly concerning for round cell neoplasia and likely involving portions of the GI tract, spleen +/- liver

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Coagulation panel and FNA of the kidneys, spleen, intestinal thickening and liver indicated.





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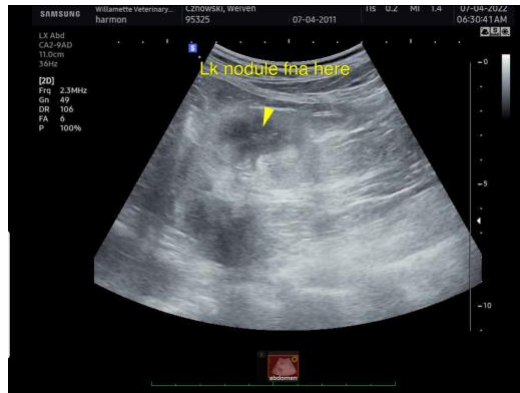
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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