



PATIENT

Rooney Dwyer

SPECIES

Canine

BREED

Colie

SEX

Spayed female

AGE

9 years

WEIGHT

46.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

James Hornbuckle

HOSPITAL NAME

Golden Isles AH

REFERRING VET

Dr. Hornbuckle

INVOICE

69738

DATE

12/31/25

PRESENTING CLINICAL SIGNS

History: px presented as not acting like herself. ADR -Has accidents in the house over the last month. Not consistently. No blood noticed in urine. No straining. -Normal bowel movements. Drinking a little more than normal.

Abnormal PE/Chem/CBC/UA Results: HGB 10.8 13.1 - 20.5 MCV 60.2 61.6 - 73.5 MCH 15.9 21.2 - 25.9 MCHC 26.4 32.0 - 37.9 LYM 0.44 1.05 - 5.10 PDW 22.0 9.1 - 19.4 TP 8.8 5.2 - 8.2 ALB 4.7 2.2 - 3.9 ALT 214 10-125 ALKP 228 23 - 212 TBIL 3.5 0.0 - 0.9 CHOL 431 110 - 320 Na 161 144 - 160 WBC 4 /HPF RBC 2 /HPF BACr None detected BACc None detected sqEPI None detected nsEPI <1 /HPF HYA None detected nhCST None detected CRY <1 /HPF CaOxDi None detected STR None detected BIURAT None detected BILI None detected Test Value Range Units Status Free Catch Color Straw Clar Clear SG 1.030 pH 9.0 LEU 100 PRO 30 GLU neg KET neg UBG norm BIL neg BLD 10 Test Value Range GLU 121 70 - 143 CREA 0.6 0.5 - 1.8 BUN 16 7 - 27 BUN/CREA 26 TP 8.3 5.2 - 8.2 ALB 4.7 2.2 - 3.9

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction and appeared normal. 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.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.8 cm. The right kidney measured 5.9 cm.

The iliac trifurcation was unremarkable.

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 0.4 cm at the caudal pole and 0.4 cm at the cranial pole. The right adrenal gland measured 0.55 cm.

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 was noted.



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

Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with post prandial presentation. 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.

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. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

Acute, hepatic insult is suspected.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Leptospirosis titers are warranted. Ultrasound-guided FNA of the liver is warranted. Structurally the liver appears normal. Therefore, the insult appears to be recent. There was no evidence of significant structural disease.



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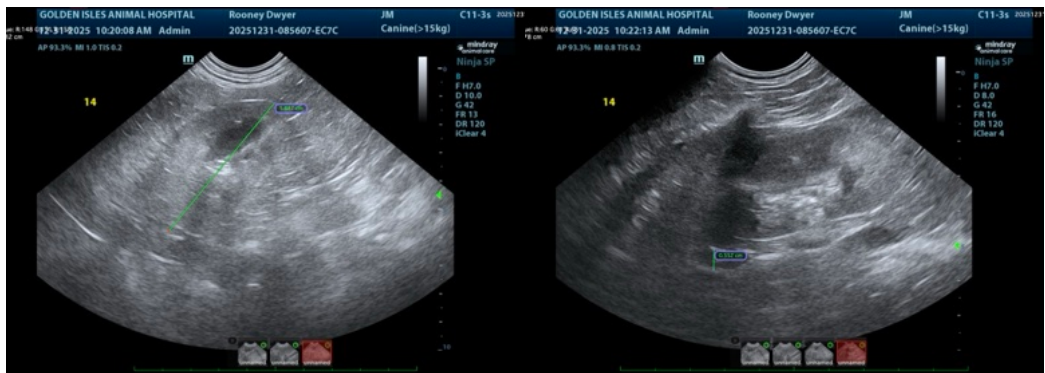
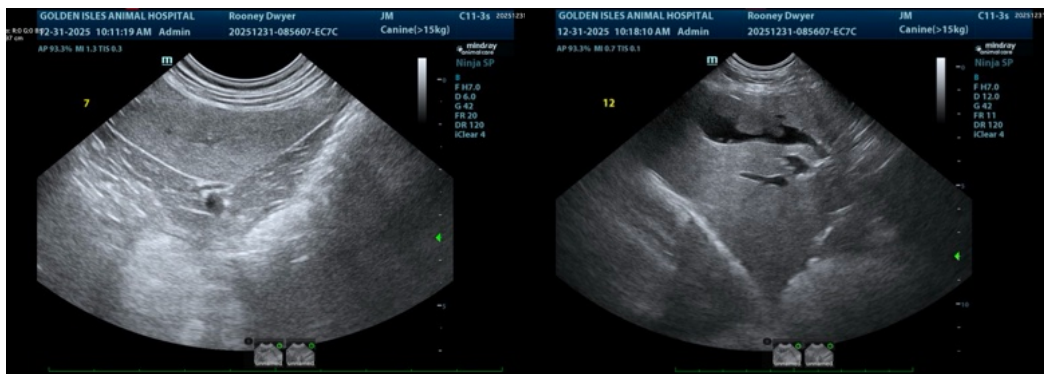
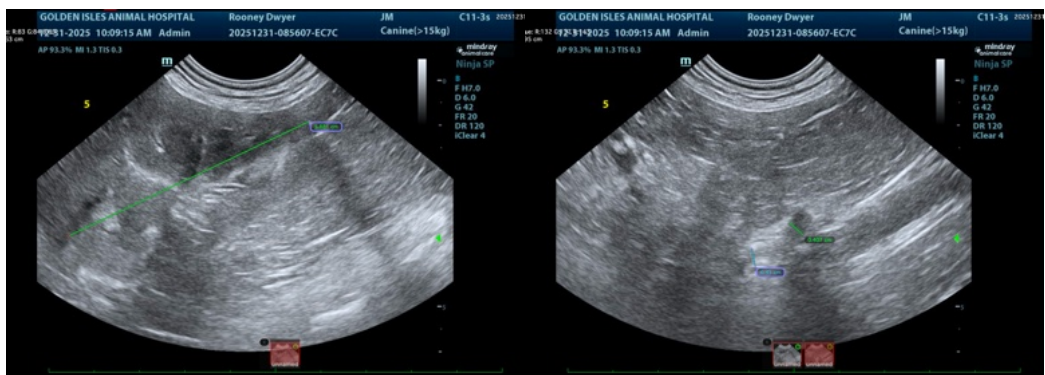
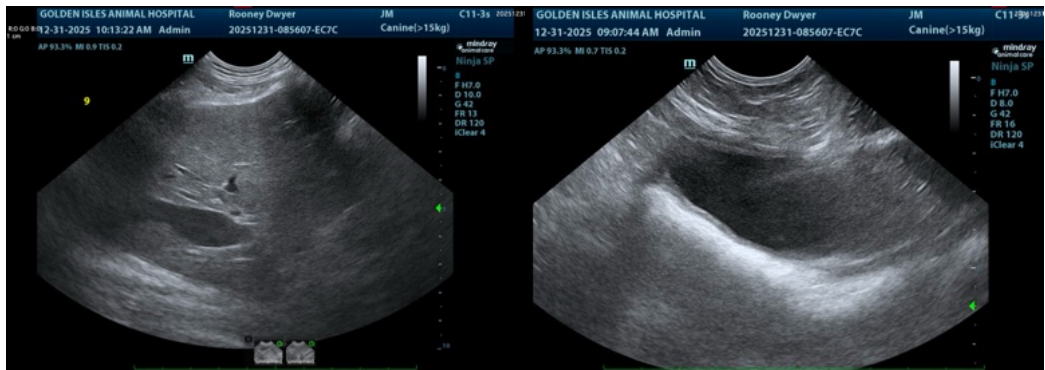
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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

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