



## PATIENT

Milo Rose

## SPECIES

Canine

## BREED

Doodle

## SEX

Neutered Male

## AGE

4 Years

## WEIGHT

29.3 kg

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP(CFM), Cert.  
IVUSS

## IMAGING PERFORMED BY

Dr. Meghan Myers

## HOSPITAL NAME

Hershey Animal  
Emergency Center

## REFERRING VET

Dr. Cara Sinopoli

## INVOICE

12721

## DATE

12/17/25

## PRESENTING CLINICAL SIGNS

Presented 12/16 for acute lethargy and dark/red-appearing urine noted today with anorexia and no defecation since this morning; signs began yesterday and have progressed. Intake exam: Eyes: pale and mildly icteric sclera Oral Cavity: Mucous membranes pale to icteric/slightly tacky Cardiovascular: pulses snappy Abdominal: Palpable enlargement in mid to cranial abdomen suspected to be spleen ON exam: Dehydration: <5% but hypovolemic EENT/oral: pale pink/slightly icteric moist to hypersalivating mm, crt 3s; icteric sclera H/L: No m/a, snappy bounding pulses

Abnormal PE/Chem/CBC/UA Results: 12/16: EPOC: pH 7.298 L, BE -6.9, Hct 22 L CBC/InVue: Hct 26.6 L, RBC 3.07 L, Hb 7.8 L, MCV 86.6 H, MCHC 29.3 L, Spherocytes 49.99% (marked), Reticulocytes 343.5 H, WBC 22.34K H, Neutrophils 17.98K H, Monocytes 2.04K H, Platelets 100-150K (mildly decreased) Chem15: Tbili 4.4 H 4DX: Negative for Heartworm, Lyme, Ehrlichia, Anaplasma UA (undiluted): >1.050, pH 8.0, Protein 3+, Blood 4+, Bilirubin 3+, Urobilinogen 3+, WBC <1/hpf, RBC <1/hpf Saline Agglutination: Negative micro and macro

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder**, trigone, and pelvic urethra (to a depth of 2.0 cm) 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** 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 6.4 cm in length. The right kidney measured 6.7 cm in length.

### 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 0.40 cm width at the caudal pole and 0.58 cm width at the cranial pole. The right adrenal gland measured 1.3 cm width at the cranial pole and 0.60 cm width at the caudal 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



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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.

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**Gastrointestinal**

The **stomach** revealed a mild edematous wall and a minor amount of ingesta. The small intestine and colon were unremarkable.

**BREED**

Doodle

**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.

**SEX**

Neutered Male

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

4 Years

- Mild gastritis pattern.
- Structurally unremarkable abdomen otherwise.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

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Primary hemolytic anemia is likely in this patient of infectious or immune mediated disease. No evidence of primary disease in the abdomen responsible for induction of the syndrome.

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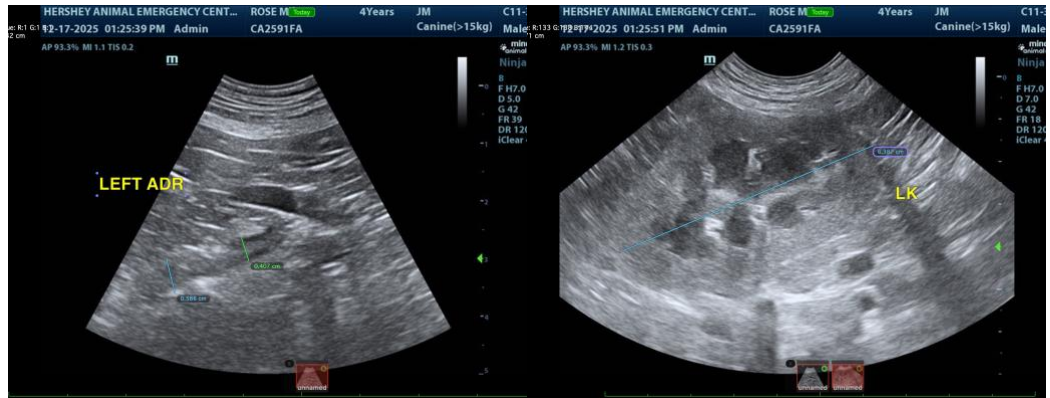
Dr. Cara Sinopoli

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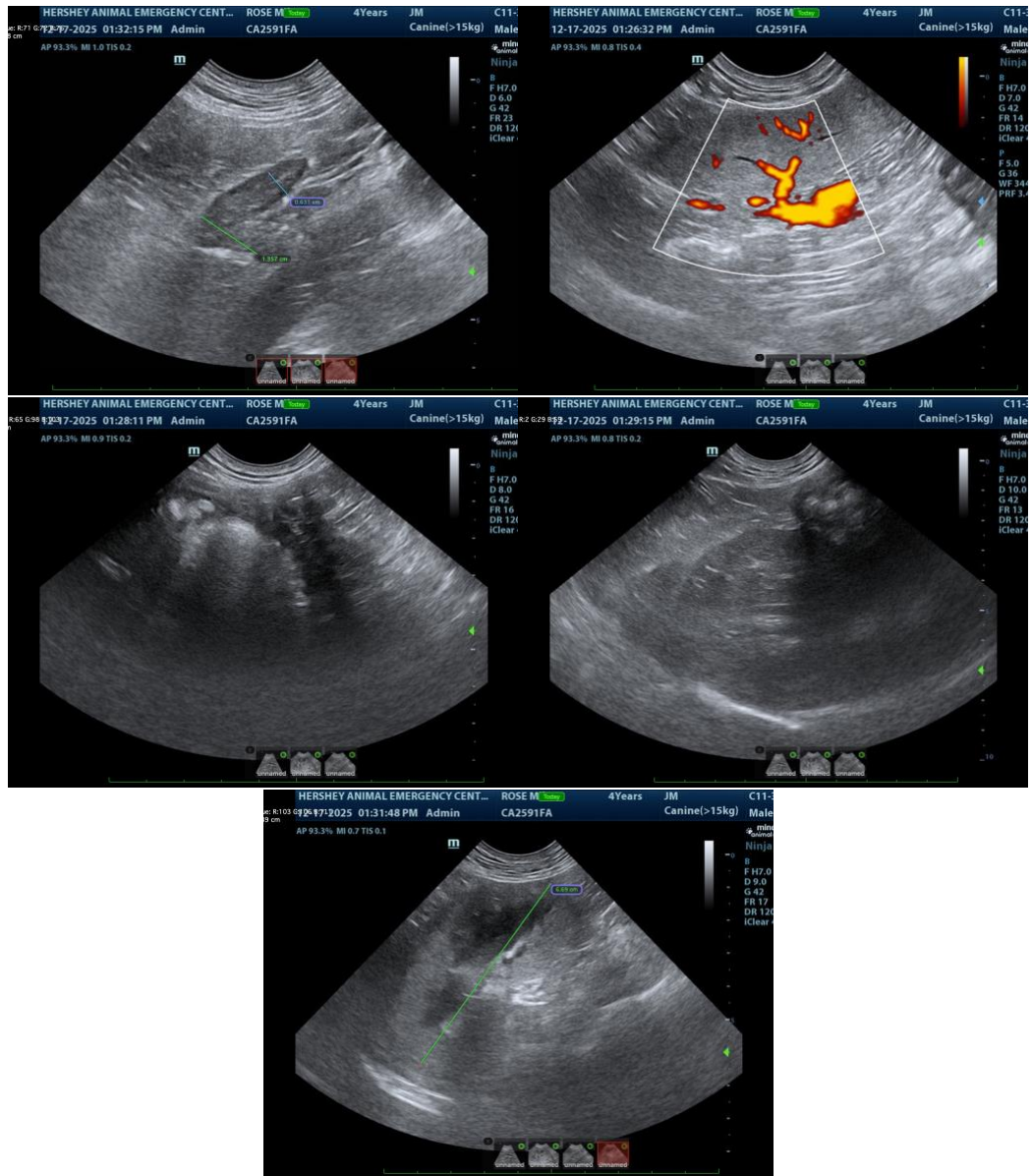
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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,

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