



PATIENT

Cynamin White

SPECIES

Canine

BREED

Cocker Spaniel

SEX

Spayed Female

AGE

12

WEIGHT

22.5

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Arielle Roldan CVT

HOSPITAL NAME

Milford Animal
Hospital

REFERRING VET

Dr. Sean Grasso DVM

INVOICE

13825

DATE

02/16/26

PRESENTING CLINICAL SIGNS

- Presented for dental procedure, bloodwork shows anemia, chelation 9578 (1350-5240). Has lost weight since previously seen and owner states no change in diet.
- ** History of splenectomy 8/2025

Abnormal PE/Chem/CBC/UA Results: Abnormal liver value / anemia

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen.

The left kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The left kidney measured 3.9 cm in length.

The right kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The right kidney measured 4.3 cm in length.

Adrenal Glands

The left and right adrenal glands are not seen on this exam.

Spleen

The spleen is not visualized owing to previous splenectomy in August of 2025.

Liver

The liver presents normal size and shape with smooth lobar margins. The parenchyma has normal echogenicity with normal echotexture. No focal lesions are seen. Intrahepatic bile ducts are normal. Normal vascular pattern.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.

Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.



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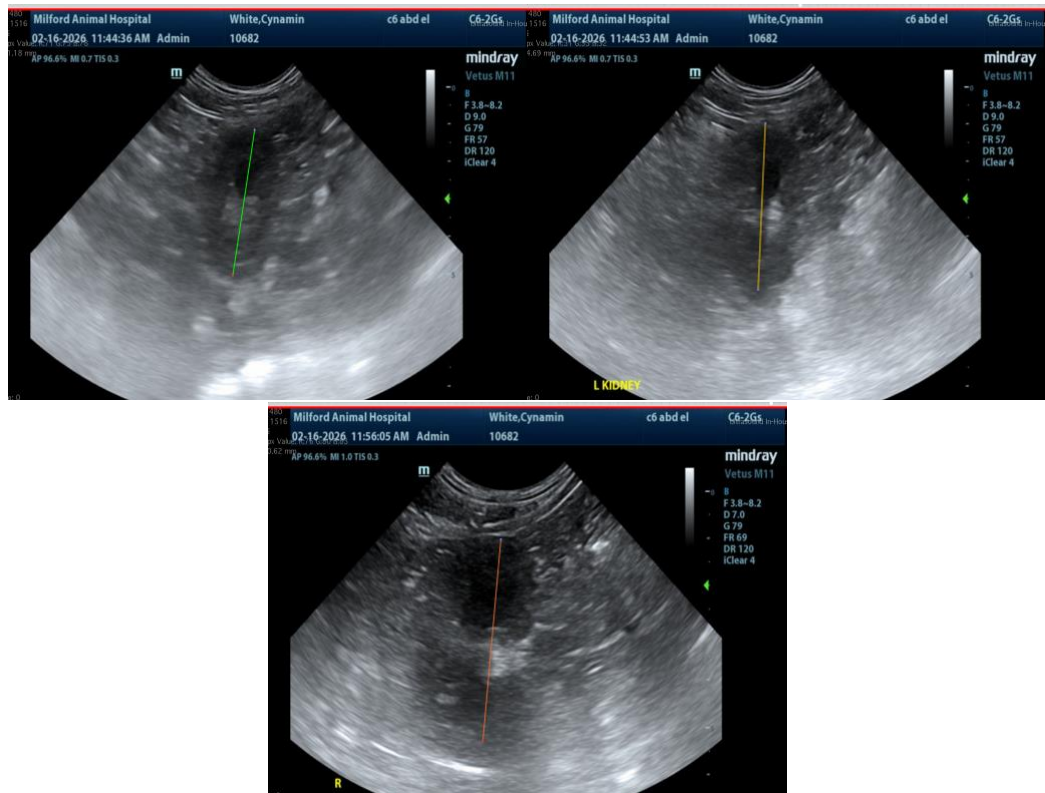
ULTRASONOGRAPHIC FINDINGS

- Structurally normal abdominal presentation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No cause for the patient's anemia is seen on this exam. Given that the patient is a cocker spaniel, the most likely cause of anemia for a cocker spaniel would be immune-mediated hemolytic anemia. Consider performing a saline agglutination test and examining a blood smear for spherocytes to help confirm if IMHA is identified.

Further workup would include vector-borne disease testing, three view chest x-rays, and an abdominal radiograph to rule out metallic foreign body ingestion. Consider submitting a Kuhn's test to help verify IMHA. If IMHA is ruled out, consider performing a bone marrow biopsy and aspirate to help determine causes of the patient's anemia.



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.



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Greg Kuhlman, DVM, DACVIM (SAIM)

Veterinary Internal Medicine Specialist

info@SonoPath.com

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