



PATIENT

Murphy Warner

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered Male

AGE

8 Years

WEIGHT

68 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Dr. Jennifer Todd

HOSPITAL NAME

Lambs Gap Animal
Hospital

REFERRING VET

Dr. Cynthia Kinney

INVOICE

73418

DATE

3/5/26

PRESENTING CLINICAL SIGNS

Murphy is an 8 year old male neutered GRD who has ~ 2 year history of mild neutropenia. He is in good health otherwise. He is anaplasma/ehrlichia/lyme/heartworm negative as of 10-2025. A slide of the CBC was reviewed and no morphological abnormalities were seen. An AUS was recommended as a next step to rule out a potential source of segregation. He has had platelet clumping but the neutropenia does not always coincide with platelet clumping.

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. No papillae seen.

The right kidney presents normal size (5.85 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

The left kidney presents normal size (6.02 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

Adrenal Glands

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The right adrenal gland measures 8.2 mm at the caudal pole.

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 4.3 mm and the caudal pole measures 4.8 mm.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen. Normal blood flow.

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.



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Free Abdomen

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

ULTRASONOGRAPHIC FINDINGS

- No significant findings on this ultrasound.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause for this patient's reported chronic neutropenia is not seen on this exam. Consider a possible autoimmune cause and recommend submitting an antiplatelet antibody test to the University of Tennessee. If autoimmune disease is ruled out, then it is possible that the patient's neutropenia is their normal value. If 3-view chest x-rays have not been performed, recommend performing them to evaluate for possible causes for neutrophil consumption.





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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.

Greg Kuhlman, DVM, DACVIM (SAIM)

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