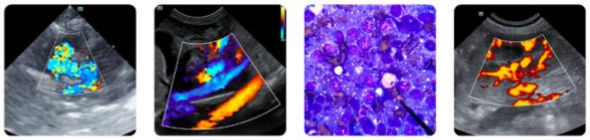

PATIENT

Liam Overmyer

SPECIES

Canine

BREED

American Bulldog

SEX

Neutered Male

AGE

6 Years

WEIGHT

101

INTERPRETED BY

Greg Kuhlman, DVM, DACVIM (SAIM)

IMAGING PERFORMED BY

Dr. Ray Caughman

HOSPITAL NAME

Dogwood Animal Hospital

REFERRING VET

Dr. Ray Caughman

INVOICE

14881

DATE

04/06/26

PRESENTING CLINICAL SIGNS

Weight loss of 10 lbs since3-13-26. Inappetence. PU/PD. Had adverse reaction to thyroid medication

Abnormal PE/Chem/CBC/UA Results: Obese. WBC 18,000, Creatinine 2.2, Potassium 3.3
Hypothyroid Suspected mid abdominal mass on x-rays

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 papilla was seen.

In the area of the left kidney, there is a 5.3 cm by 8.4 cm heteroechoic lesion present. There is a central lesion within this larger lesion that measures 3.0 cm by 5.3 cm. There is a ring of fluid around this inner lesion. It is possible overall this lesion represents the left kidney which appears significantly abnormal. Most likely this apparent mass is neoplasia such as hemangiosarcoma, renal carcinoma, or other neoplasia. There is a heteroechoic mass cranial to the mass in the area of the left kidney. The second mass measures 8.0 cm by 8.5 cm. It is mixed echoic tissue of origin undetermined.

The right kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The right kidney measured 6.3 cm in length.

Adrenal Glands

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 4.1 mm and the caudal pole measures 5.1 mm.

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 6.1 mm and the caudal pole measures 4.6 mm.

Spleen

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

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

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

Free Abdomen

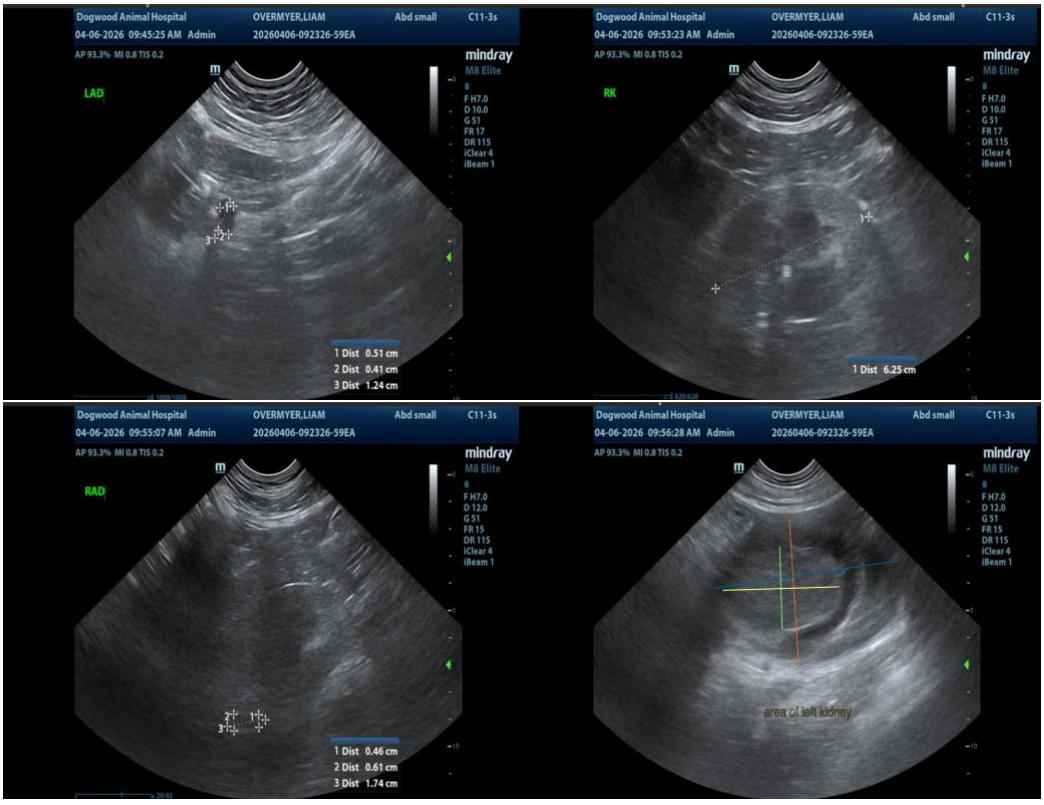
There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

ULTRASONOGRAPHIC FINDINGS

- Left renal mass lesion.
- Second heteroechoic mass lesion cranial to the left kidney.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Consider fine needle aspirate of the renal masses with submission for cytology to help determine the etiology. Ultimately, if the result of the cytology is inconclusive, consider CT scan of abdomen as pre-surgical planning, and if feasible, recommend resection of the two mass lesions. However, no other significant abnormality is seen on this exam.



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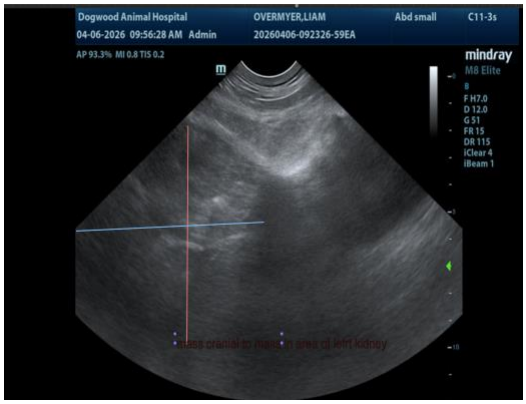

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
Veterinary Internal Medicine Specialist
info@SonoPath.com