



PATIENT

Thor Robinson

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered Male

AGE

13 Years

WEIGHT

46 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Julia Bakker DVM

HOSPITAL NAME

Orange Blossom
Veterinary Imaging

REFERRING VET

Barbara Lewis DVM

INVOICE

15991

DATE

05/08/26

PRESENTING CLINICAL SIGNS

Senior screening, rule out early possible Cushing's related changes. Thoracic and abdominal radiographs within normal limits. Mild ALT (166), ALP (285), PSL (162) elevations. SPG 1.011

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 is seen.

Kidneys are overall normal in size and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased cortical echogenicity and mild loss of corticomedullary distinction, expected in this age patient. There is no evidence of pyelectasia, mineral or infarcts observed. The left kidney measures 5.5 cm. The right kidney measures 5.7 cm.

Adrenal Glands

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 5.5 mm and the caudal pole measures 4.8 mm.

The right adrenal gland presents at the upper limits of normal in size. The cranial pole measures 7.5 mm and the caudal pole measures 9.9 mm.

Spleen

Spleen appears normal in size and shape and has mildly heterogeneous echotexture, most likely age-related. There are multiple hypoechoic lesions adjacent to large splenic vessels, most likely benign myelolipomas. Within spleen, there is a hypoechoic non-capsular displacing lesion that measures 3.5 mm width, most likely benign extramedullary hematopoiesis, unlikely to be neoplasia.

Liver

Liver is relatively normal in size and contour. Parenchyma is mildly heterogeneous and coarse with mild likely age-related parenchymal remodeling noted. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

Gallbladder is moderately distended with anechoic bile as well as suspended and gravity dependent echogenic debris. The wall is smooth without visible thickening. There is no evidence of cystic or CBD dilation. There is no evidence of effusion or inflammation.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains formed stool 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

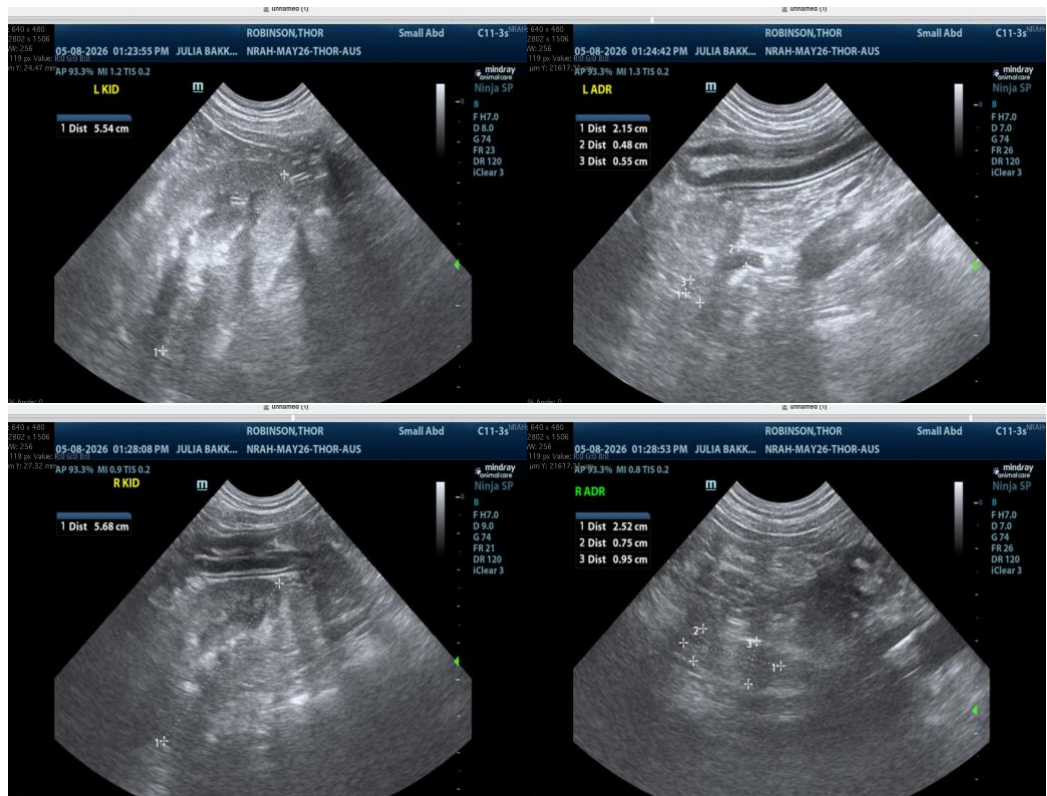
There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

ULTRASONOGRAPHIC FINDINGS

- Age-related renal changes.
- Right adrenal gland at the upper limits of normal.
- Suspect benign splenic myelolipomas.
- Gallbladder debris with hepatic remodeling.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Early hyperadrenocorticism is possible. Recommend submitting urine cortisol to creatinine ratio and if indicated by results of UCCR. Recommend further testing such as low-dose dexamethasone suppression test if indicated by UCCR results. Given the appearance of both kidneys, recommend full staging, monitoring and managing the patient per IRIS guidelines.





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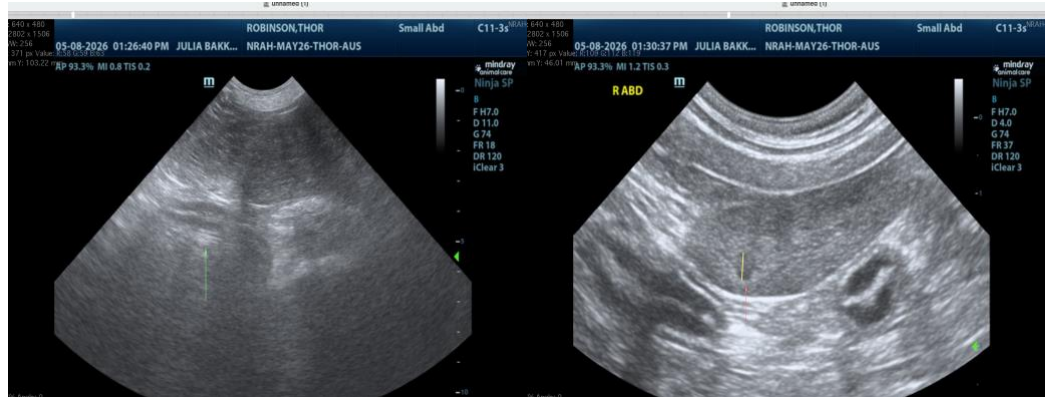
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Greg Kuhlman, DVM, DACVIM (SAIM)
Veterinary Internal Medicine Specialist
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