



PATIENT

Jupiter Arnot-Copenhaver

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

16yr

WEIGHT

10.58lb

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Nikki Wright

HOSPITAL NAME

Bush Animal Hospital

REFERRING VET

Nikki Wright

INVOICE

24524

DATE

04/20/2026

The submitted study contained 10 videos of the kidneys, adrenals, and spleen.

PRESENTING CLINICAL SIGNS

- Presented 4/2/26 for acute blindness and acting weird. Diagnosed with severe hypertension >300 mmHg systolic and retinal detachment with hemorrhage.
 - Hypertension is mostly managed now with amlodipine. Recent labs normal except for early CKD
- Problem list:
- *Hypertension - r/o idiopathic, neoplasia, hyperadrenocorticism, pheochromocytoma, renal dz, others
 - improved
 - * Retinal detachment - r/o hypertensive retinopathy vs. others - improved with management of hypertension
 - * Vision loss - mostly blind, stable
 - * Weight is up
 - * Early CKD SDMA 15, CREA 1.8, USG 1.015, trace protein dipstick
 - * Murmur - r/o HCM, physiologic, others
 - * Overgrooming, chronic - r/o psychogenic alopecia, pruritus, others
 - * Dental grade 2/4

LIMITED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Mild bilateral pyelectasia was present. The left kidney measured 3.4 cm in length. The right kidney measured 3.6 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.36 cm width at the caudal pole.

The right adrenal gland was indistinctly visualized, overtly normal in size, position and shape measuring subjectively 0.4 cm in width.

Spleen

The spleen exhibited normal size and contour. Two visualized variably sized non-capsule deforming, well demarcated, hyperechoic splenic nodules were present. An example of a larger nodule measured 0.52 cm in diameter. The spleen itself measured 0.63 cm in width.

Gastrointestinal

Variably echogenic gastric ingesta was present in the briefly visualized stomach.

Pancreas

The area of the left pancreas was sonographically unremarkable.

ULTRASONOGRAPHIC FINDINGS

Primary



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- Chronic renal changes exhibiting mild pyelectasia
- Overtly normal adrenal glands
- Non-enlarged spleen with variably sized non-capsule deforming hyperechoic nodules

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of adrenal pathology as a contributing factor to the hypertension. If persistent or uncontrolled hypertension, screening serum aldosterone level could be considered.

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Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

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Although non-specific, the splenic nodules are suggestive of benign criteria such as hyperplasia or myelolipomas. Minor potential for emerging neoplastic splenic nodules not definitively excluded yet thought less likely. Sonographic monitoring of the splenic nodules for evidence of progression is recommended.

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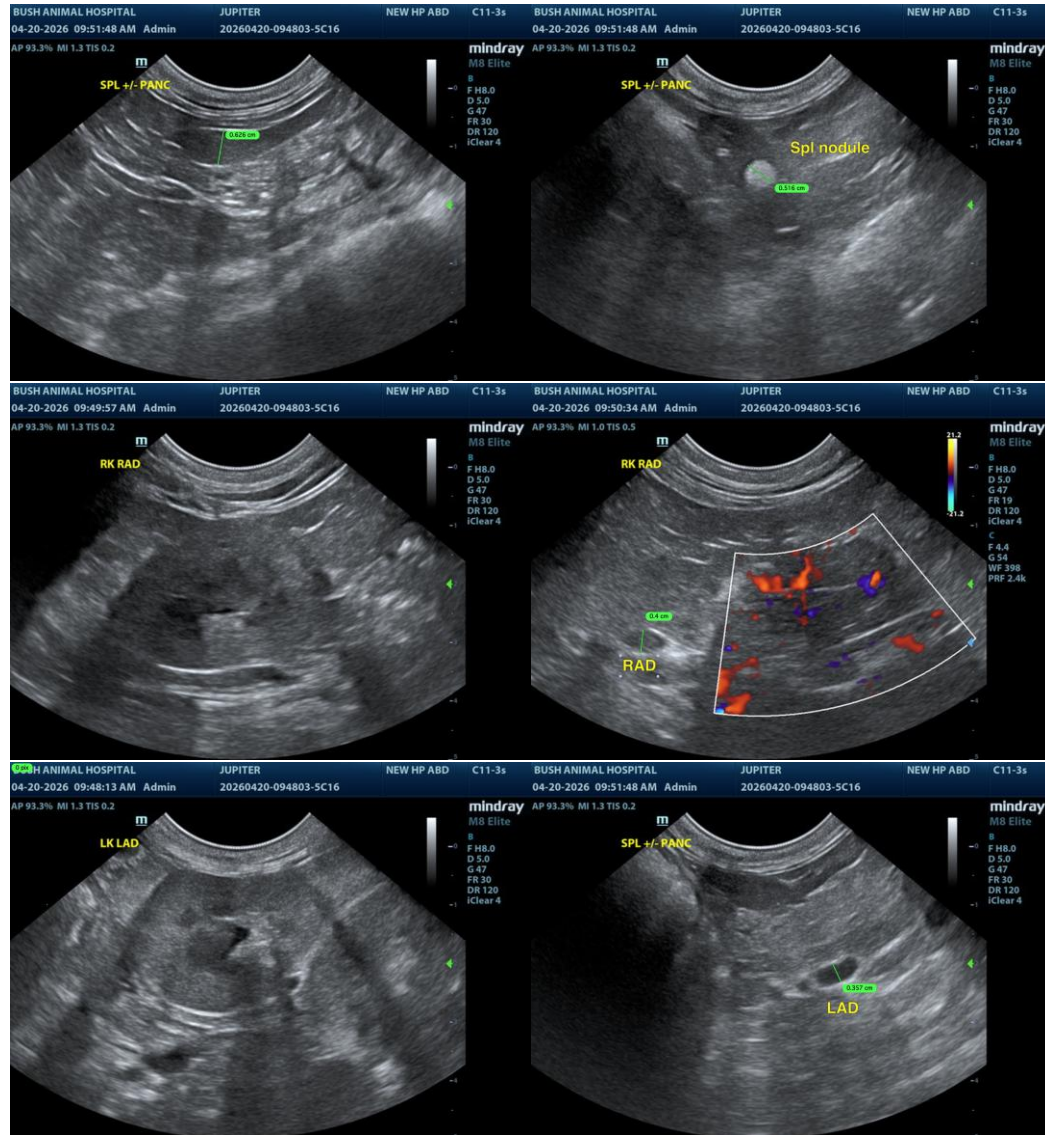
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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