



PATIENT

Boone Maier

SPECIES

Canine

BREED

Golden Doodle Mix

SEX

Male

AGE

4

WEIGHT

24.2 kg

INTERPRETED BY

Andrea Nicastrò DVM
Diplomate ACVIM
(Sm Animal Internal Med)

**IMAGING
PERFORMED BY**

Andrea Nicastrò DVM
Diplomate ACVIM
(Sm Animal Internal Med)

HOSPITAL NAME

Sun Dog Cat Moon

REFERRING VET

Dr Abby Clayton

INVOICE

22901

DATE

4-23-26

PRESENTING CLINICAL SIGNS

Patient has had two episodes of hematuria. One was a few months ago and resolved on its own. At that time there was no evidence of pyuria or bacteriuria. The urine culture was negative. Most recent episode, a urinalysis was performed. Hematuria was present. No pyuria or bacteriuria.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 4.0 cm, are normal. The penile urethra is evaluated. No obvious pathology is observed.

The prostate is enlarged (4.78 cm in width) with smooth peripheral contours. The parenchyma is hyperechoic relative to surrounding omental fat and slightly heterogenous in appearance. A tiny parenchymal cyst is observed. The prostatic urethra is not overtly dilated.

The left kidney is normal in size (6.16 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

The right kidney is normal in size (7.31 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal in size (0.56 cm at cranial pole) (0.42 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal in size (0.61 cm at cranial pole) (0.41 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (1.76 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. The portal vein to caudal vena cava ratio is approximately 1: 1.

The gallbladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal



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layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The ileoceocolic junction and colonic wall are normal. There is no evidence of an obstructive pattern.

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Lymph Nodes

At least one prominent mesenteric lymph node is visualized (measuring 3.45 x 0.90 cm).

Free Abdomen

There is no obvious evidence of free fluid.

Other

The testicles are subjectively normal-in-size and symmetrical with homogenous parenchyma.

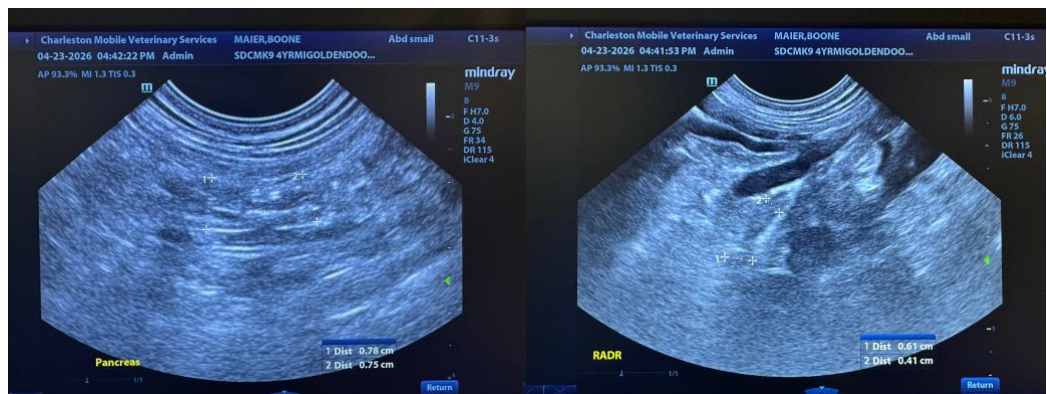
A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

ULTRASONOGRAPHIC FINDINGS

The prostate changes are most consistent with benign prostatic hyperplasia. Occult bacterial prostatic hyperplasia is also possible given the patient's clinical signs.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Castration is recommended as long as a coagulopathy has been ruled out as a cause for hematuria.
- Also consider repeating a urine culture and sensitivity to assess for infection.





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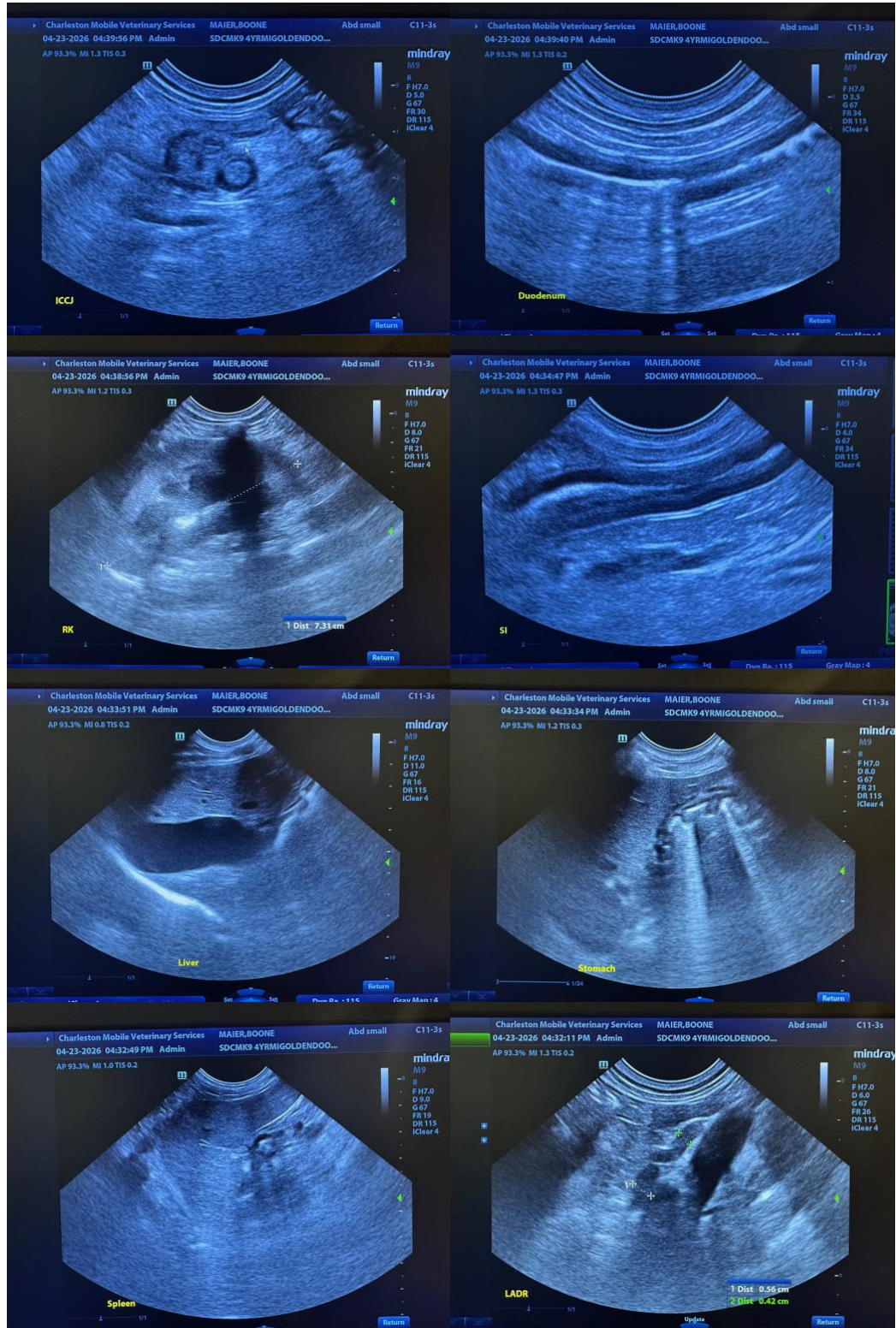
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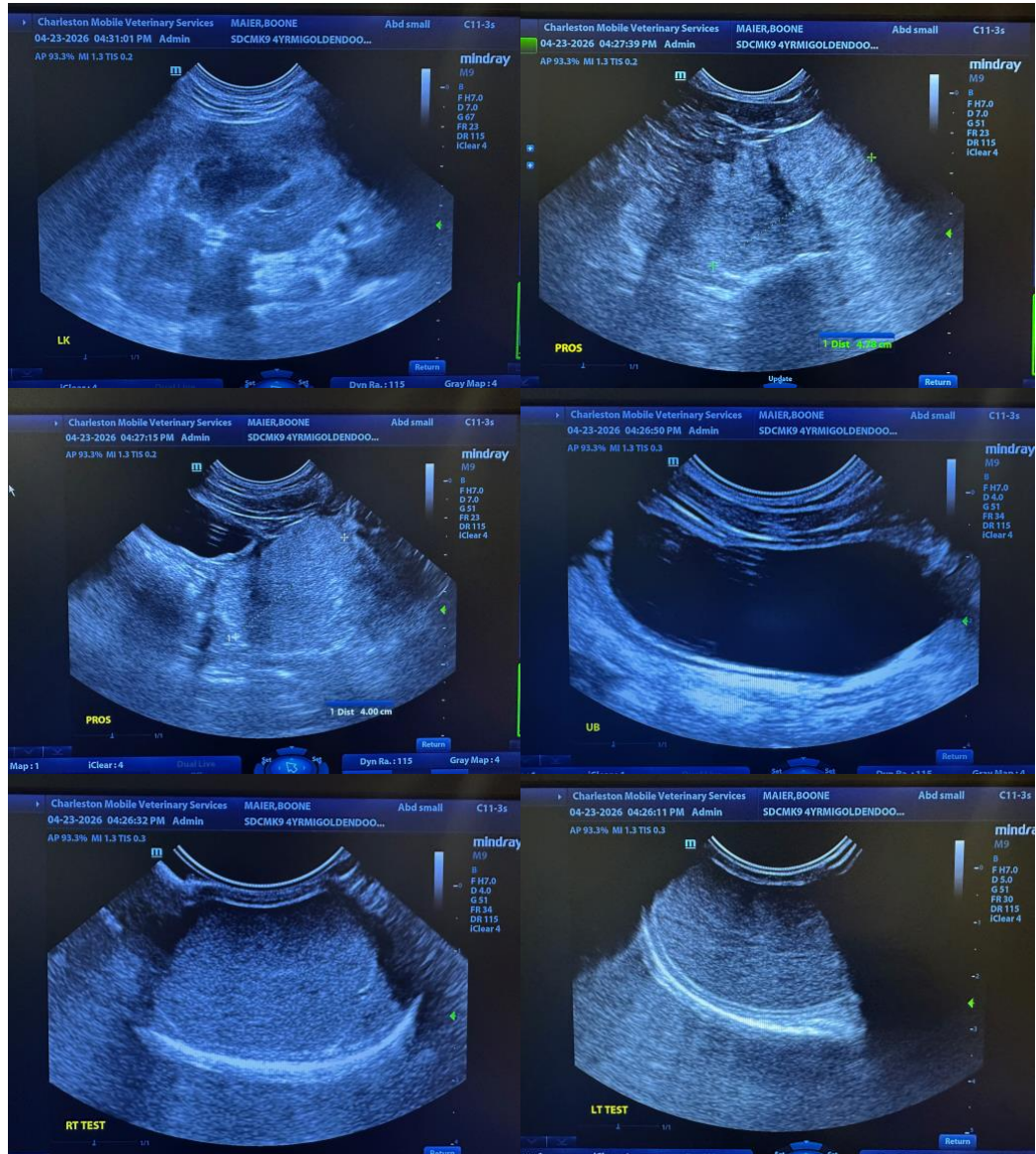
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastrò, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
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