


PATIENT PRESENTING CLINICAL SIGNS

Rosie Sanchez-Casas History: Vomiting at least 1x daily for 1 week, waxing/waning anorexia for last week. Slight lethargy.

SPECIES Gave Cerenia injection during exam yesterday (8/10/23)

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED
Urinary System

Golden Retriever The bladder, trigone and visible pelvic urethra were normal in tone and thickness. There was mild asymmetrical mucosal irregularity to micropolypoid changes. The pelvic urethra was visualized to a depth of 3.00 cm and was normal in thickness and tone.

SEX

Female Spayed

Both kidneys were of a normal to slightly subnormal in size with a moderately irregular capsule contour. The corticomedullary distinction was abnormal with hyperechoic cortex and irregular parenchyma. There was a lack of normal internal structure to both kidneys. In the left kidney, the pelvis was dilated with anechoic urine to 5.00 cm in width. There was slight pelvic dilation in the right kidney. The left kidney measured 6.40 cm in length. The right kidney measured 6.20 cm in length.

AGE

1 year

WEIGHT

65.5 lbs

The iliac trifurcation was visualized and evaluated with color doppler. There was normal vascular perfusion with no evidence of thrombus formation. There was no iliac lymphadenopathy.

INTERPRETED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline)

Adrenal Glands

Both adrenal glands were visualized and found to be normal in size, and shape for the age and breed. The parenchyma displayed normal echogenicity. There was no evidence of capsular expansion or pericapsular inflammation. There were no nodules or masses visible. The left adrenal gland measured 6.00 mm at the caudal pole, 5.00 mm at the cranial pole and 2.77 cm in length. The right adrenal gland measured 7.00 mm at the caudal pole, 12.00 mm at the cranial pole and 2.70 cm in length.

IMAGING PERFORMED BY

Jessica Miller, RDMS

Spleen

The spleen was normal in size, shape, and position. There was a smooth capsule contour. The parenchyma was finely textured and homogeneous. There were no visible masses, nodules or evidence of infiltrative disease.

HOSPITAL NAME

Andover AH

Liver/Gallbladder

The liver was normal in size and shape, with a smooth capsule contour. The hepatic parenchyma displayed normal echotexture and normal portal markings. The hepatic vasculature was normal in volume and structure. There was no evidence of inflammatory, neoplastic, infectious, or infiltrative disease. The gallbladder was normal in size and contents. The cystic and common bile ducts were normal with no evidence of obstruction or inflammation.

REFERRING VET

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Gastrointestinal
INVOICE

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The stomach was empty with intact wall layering. However, the mucosal layer was mildly thickened and hyperechoic. The pylorus was visualized and normal, except for mild mucosal wall thickening. The small intestine displayed normal curvilinear patterns throughout. Subjectively normal wall thickness and layering was maintained. Normal peristalsis was present. The visible colon wall was normal in thickness and layering, there were no visible masses or focal lesions.

DATE

8.11.23

Pancreas

The pancreas was isoechoic to the surrounding mesentery with normal size, shape and capsule contour. There was no evidence of inflammation or masses within the right and left limbs or body of the pancreas. The pancreatic duct was curvilinear without notable deviation.



PATIENT *Free Abdomen*

Rosie Sanchez-Casas

There were several reactive pattern mesentery lymph nodes (an example of which measured 5.00 cm in length and 2.00 cm in width).

SPECIES **FINDINGS**

Canine

- Bilaterally abnormal architecture kidneys – ddx primary renal dysplasia

BREED

- Left dilated renal pelvis

Golden Retriever

- Mild-to-moderate gastritis

SEX

- Mild reactive mesenteric lymphadenopathy

Female Spayed

AGE

1 year

WEIGHT

65.5 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The sonographic and clinical presentation is strongly consistent with primary renal dysplasia. A renal biopsy would be needed to confirm. Prognosis varies depending on the degree of dysplastic changes on a renal biopsy. However, most dogs have recognizable renal failure before the age of two years old. A screening blood pressure and UPC ratio is recommended for sub-staging of kidney disease, as well as a coagulation panel prior to renal biopsy, if that is pursued.

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Feline)

**IMAGING
PERFORMED BY**

Jessica Miller, RDMS

HOSPITAL NAME

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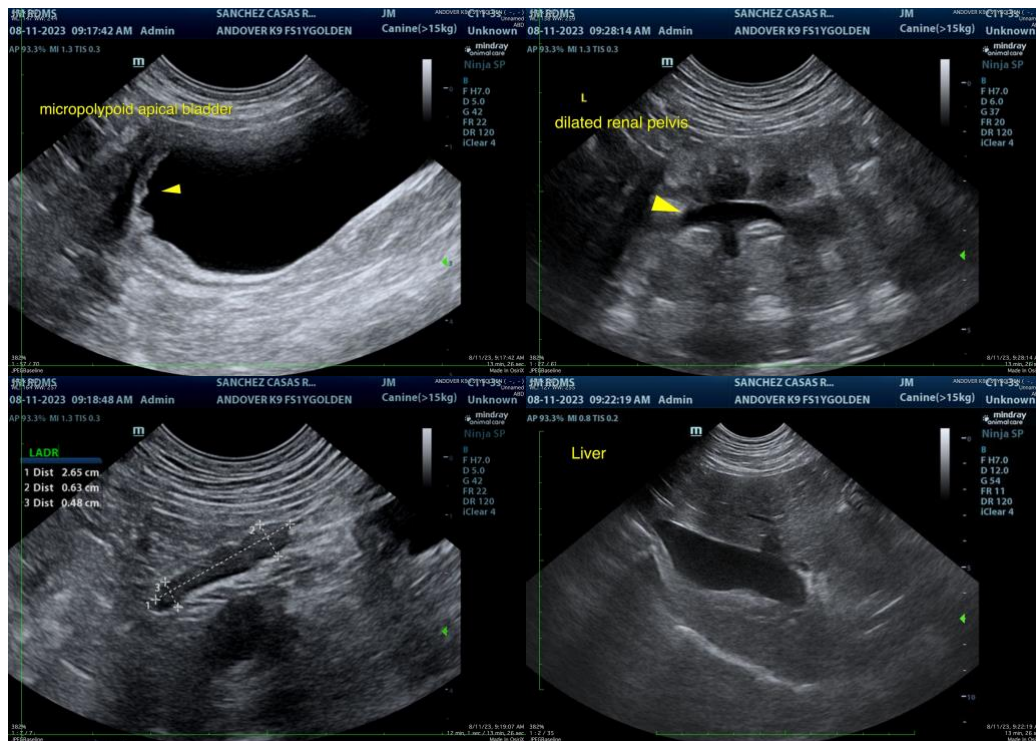
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PATIENT

Rosie Sanchez-Casas

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

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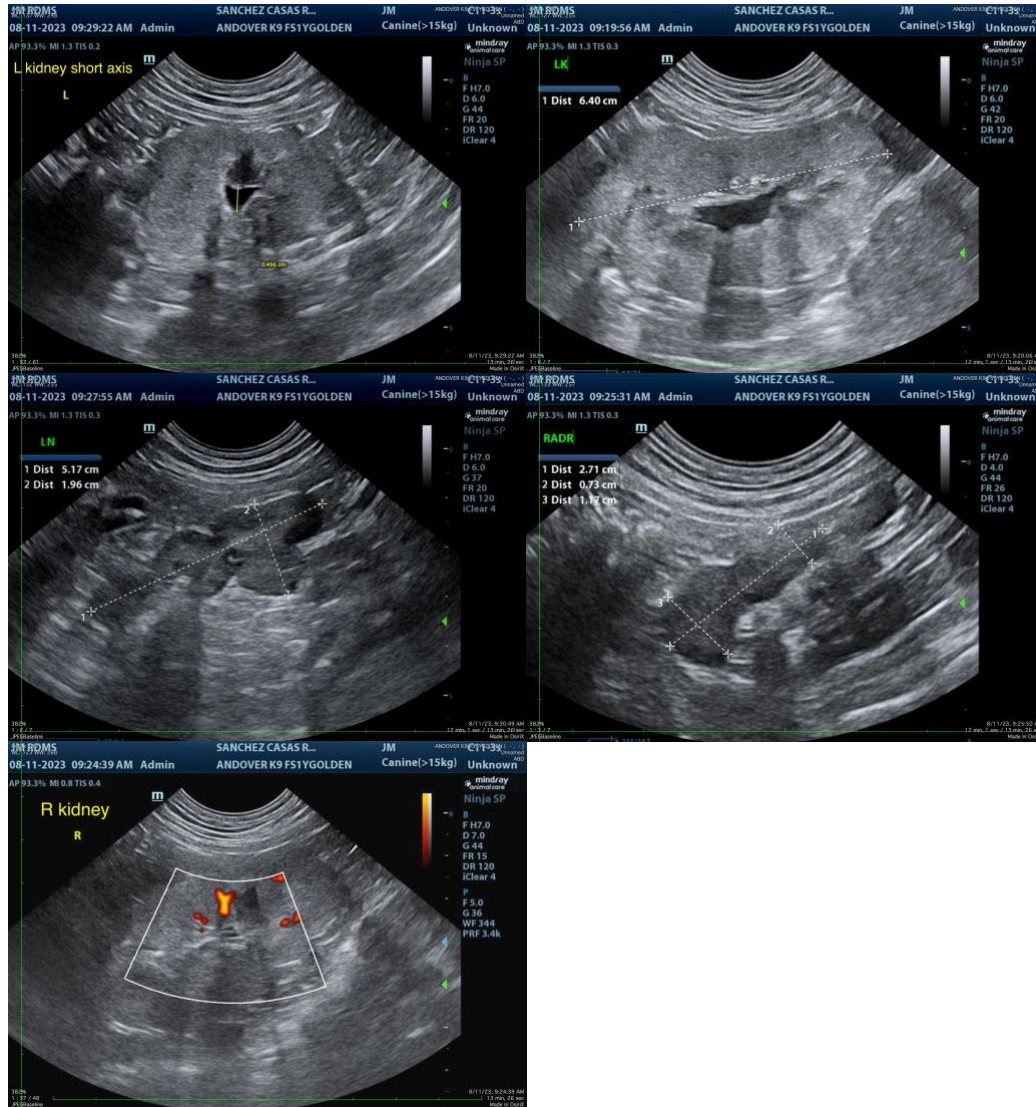
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

Karen Ebersole, DVM, DABVP (Canine and Feline practice)
info@SonoPath.com

DATE

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