



PATIENT PRESENTING CLINICAL SIGNS

Lily Kasuya History of right adrenal gland tumor. Previous ultrasound performed on 11/25/2019. Unsure if patient had right adrenalectomy. Current med: Vetoryl.
Abnormal PE/Chem/CBC/UA Results: ALT 122, Alk. Phos. 625, BUN 45, post cortisol 8.6.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Mini Dachshund

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Spayed Female

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. No evidence of pelvic dilation was present. The left kidney measured 5.0 cm. Pinpoint minor focal areas of medullary mineral were present in both kidneys.

AGE

13 Years

Adrenal Glands

WEIGHT

14.5 Pounds

right adrenal gland revealed a progressive previously noted non-homogeneous to mineralized mass measuring 4.4 cm x 3.4 cm. The mass was noted directly adjacent to the caudal vena cava. Potential for caudal vena cava invasion cannot be definitively excluded given the increased right adrenal mass size compared to previous ultrasound. The left adrenal gland measured 1.6 cm length x 0.44 cm at the caudal pole.

INTERPRETED BY Spleen

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

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A nodule was noted adjacent to the splenic hilus, consistent with a probable benign myelolipomas. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

IMAGING PERFORMED BY

Kelly Vazquez

Liver

HOSPITAL NAME

Animal General
on the Hudson

The liver was mildly enlarged. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. Intermittent subtle hypoechoic parenchymal nodules were present. Example measured 1.1 cm diameter. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Zelinski

Gastrointestinal

INVOICE

26097

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

DATE

10/6/21

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.



PATIENT

Pancreas

Lily Kasuya

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SPECIES

Canine

PRIMARY FINDINGS

- Progressive non-homogeneous to mineralized right adrenal mass
- Mild hepatomegaly with generalized parenchymal remodeling and intermittent subtle hypoechoic parenchymal nodule

BREED

Mini Dachshund

SECONDARY FINDINGS

- Bilateral chronic renal changes with minor medullary mineral
- Age related spleen with probable perihilar benign myelolipoma

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

13 Years

The subtle hepatic parenchymal nodules were non-specific and may indicate areas of subtle nodular to regenerative hyperplasia, hematopoiesis, or small lipogranulomas. However, given the presence of the progressive right adrenal mass, potential for hepatic metastasis is of concern. Further assessment may include CT, especially if surgery is considered a potential option at this time. 3-view chest radiographs suggested if not recently done. Screening blood pressure is advised.

WEIGHT

14.5 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Animal General
on the Hudson

REFERRING VET

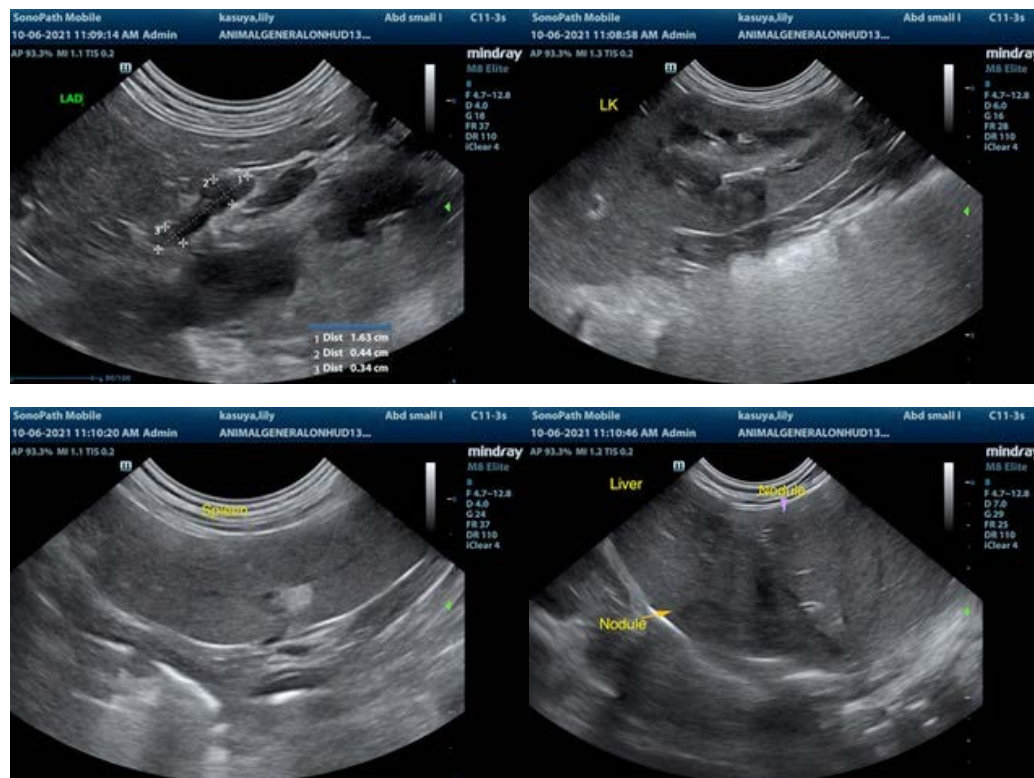
Dr. Zelinski

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PATIENT

Lily Kasuya

SPECIES

Canine

BREED

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Spayed Female

AGE

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
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