



PATIENT PRESENTING CLINICAL SIGNS

Sushi Stevens History: chronic renal disease with recently worsening azotemia. On Purina NF food, amlodipine for hypertension (currently controlled), grade 2 heart murmur (pro-bnp normal)

SPECIES Abnormal PE/Chem/CBC/UA Results: Her SDMA is 21 (normal is 0-14). Her last reading was 16. Her BUN is at 29 (normal is 16 to 37). Her last reading was 22. Her Creatinine is at 2.2 (normal is 0.9-2.3). Her last reading was 1.8. lymphocytosis: 6.8

Feline

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

DSH *Urinary System*

The urinary bladder is moderately distended with anechoic urine. A small amount of echogenic luminal sediment is present, which is freely-movable. The ureteral papillae, trigone and pelvic urethra are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted. Urethra visualized to 3.0 cm.

SEX

Neutered Male

Both kidneys exhibit mildly decreased corticomedullary differentiation. Infarcts are seen within the renal cortex of both kidneys. There is a 1.00 cm cyst filled with hypoechoic fluid within the right renal cortex.

AGE

7 years

There is no evidence of nephrolithiasis, pyelectasia or hydronephrosis. The proximal ureters are not visible (normal). The left kidney is 3.4 cm in length. The right kidney is 3.5 cm in length.

Adrenal Glands

WEIGHT

10.6 lbs

The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. The left adrenal gland height is 2.6 mm at the caudal pole. The right adrenal gland height 2.7 mm at the caudal pole.

Spleen

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

The spleen is of appropriate size and has a normal, homogenous parenchyma with a smooth, continuous capsular surface. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal. Thickness at the splenic hilus is normal at 6.9 cm.

Liver

IMAGING PERFORMED BY

Meghan Myers VMD

The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

HOSPITAL NAME

Hershire AH

The gallbladder is moderately distended with anechoic contents. The wall was thin and continuous with no focal lesions. The cystic and common bile ducts are normal / not visible.

Gastrointestinal

REFERRING VET

Dr. Alesha Glass

The stomach is mildly distended with hypoechoic fluid. The gastric wall is 2.2 mm with normal deviations due to rugal folds and exhibits appropriate wall layering. The pylorus is of normal appearance.

The visualized portions of the duodenum, jejunum, and ileum are of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. The duodenal wall measures 2.3 mm. The jejunal wall measures up to 2.1 mm. Intestinal motility appears normal.

INVOICE

13493

The visible portions of the colon are of normal thickness, up to 1.1 mm, with intact wall layering. The ileocecal junction is visualized and appears normal.

DATE

6.26.23



PATIENT *Pancreas*

Sushi Stevens The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

SPECIES *Free Abdomen*

Feline There is no evidence of free fluid within the peritoneal cavity. The omentum and intra-abdominal fat are of appropriate echogenicity. Enlarged abdominal lymph nodes are not observed. The aortic trifurcation has normal blood flow with no evidence of thrombosis.

BREED **ULTRASONOGRAPHIC FINDINGS**

DSH **Primary Findings**

- Bilateral chronic renal changes with infarcts

Neutered Male **Secondary Findings**

- Urinary bladder sediment

AGE

7 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

10.6 lbs

Both kidneys show chronic degenerative change. While the presence of infarcts may be incidental, there has been shown to be an increased incidence of infarcts in cats with cardiomyopathy. Thus, an echocardiogram would be recommended to rule out this possibility (though significant heart disease is less likely with the normal pro-bnp). Additional recommendations include:

- Urinalysis and urine culture (if not recently performed). Treatment is recommended in accordance with the IRIS guidelines.

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HOSPITAL NAME

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REFERRING VET

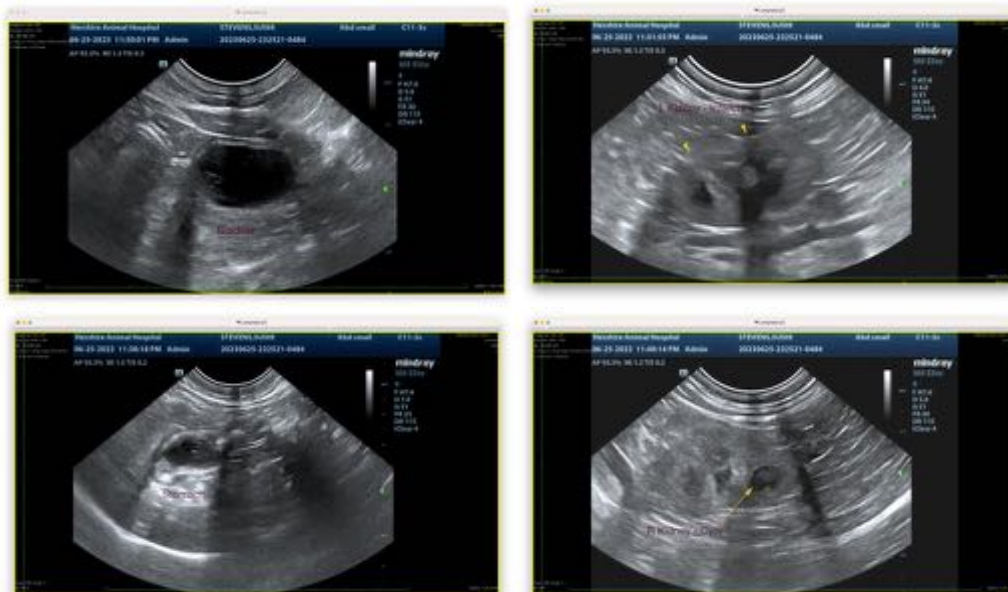
Dr. Alesha Glass

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PATIENT

Sushi Stevens

SPECIES

Feline



BREED

DSH

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.

SEX

Neutered Male

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.

Tam Mengine, DVM, DABVP (canine/feline practice) info@SonoPath.com

AGE

7 years

WEIGHT

10.6 lbs

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