

PATIENT

Duchess Johnson

PRESENTING CLINICAL SIGNS

hx of elevated ALP and ALT. P has been lethargic and not eating for 4 days.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

BREED

Staffordshire Terrier

The area of the aortic trifurcation was free of pathology.

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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Minor areas of medullary mineral present. The left kidney measured 7.0 cm. The right kidney measured 7.2 cm.

AGE

9.5 Years

Adrenal Glands

The adrenal glands were not definitively visualized. No overt pathology in the area of the left and right adrenal glands.

WEIGHT

37.9 kg

Spleen

The spleen was overall normal in size and contour with primarily homogeneous parenchyma. Intermittent, non-disruptive hypoechoic splenic nodules noted Example measured 0.82 cm diameter. Normal splenic vascularity.

INTERPRETED BY

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

Liver

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal

IMAGING PERFORMED BY

Dr. Alexis Bogosian

HOSPITAL NAME

Animal Emergency
Hospital of Volusia

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The stomach was primarily empty with potential for minor retained fluid and with mild luminal gas pattern.

REFERRING VET

Dr. Alexis Bogosian

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.

INVOICE

38912

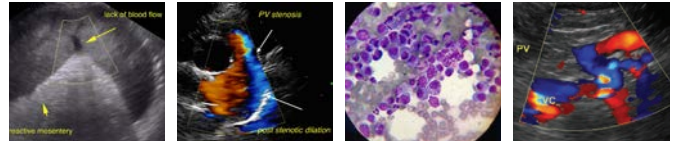
The colon exhibited overtly normal wall layering, yet distention in the descending to distal colon containing non-formed feces, potentially indicative of diarrhea.

Pancreas

DATE

6/20/22

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.



PATIENT

Free Abdomen

Duchess Johnson

No omental masses, lymphadenopathy or effusion.

SPECIES

Canine

BREED

Staffordshire Terrier

SEX

Spayed Female

AGE

9.5 Years

WEIGHT

37.9 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Alexis Bogosian

HOSPITAL NAME

Animal Emergency
Hospital of Volusia

REFERRING VET

Dr. Alexis Bogosian

INVOICE

38912

DATE

6/20/22

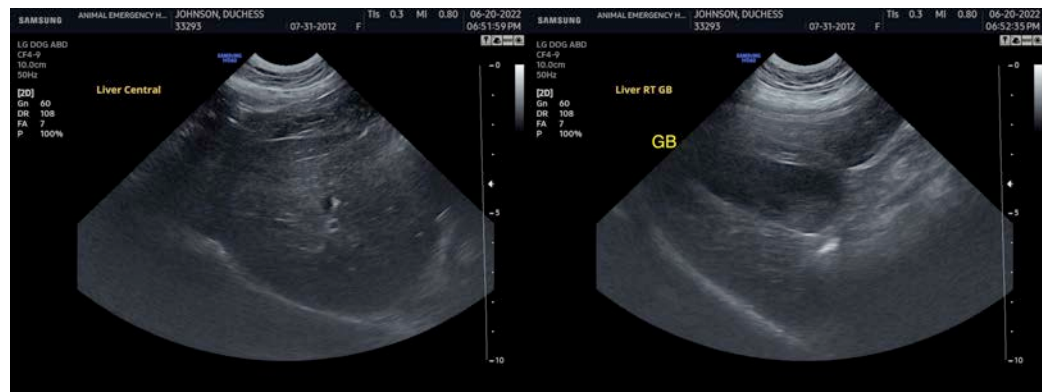
ULTRASONOGRAPHIC FINDINGS

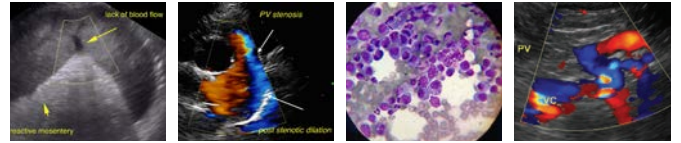
- Mild gastroenterocolitis pattern exhibiting potential for mild gastric stasis and distal to descending colon distention with non-formed feces.
- Non-specific hepatopathy – subjectively benign, metabolic reactive, vacuolar hepatopathy, non-specific hepatitis, or other hepatopathy possible. No overt evidence of hepatic neoplastic criteria.
- Mild age related kidneys.
- Non-specific splenic nodules – Potential etiologies for the splenic nodules may include benign processes such as nodular hyperplasia, extramedullary hematopoiesis, hematoma, infection, infarction, or neoplasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, hepatic and splenic nodule FNA using 25-gauge needle warranted for screening cytology. Sonographic monitoring of the splenic nodules with initial recheck in 4 weeks to assess for evidence of progression would be a more conservative approach.

No evidence of mechanical gastrointestinal obstructive pattern or overt foreign material. Potential for low-grade to chronic pancreatitis or structurally insignificant inflammatory bowel could be considered. As needed gastrointestinal support recommended. Recheck sonogram to assess for progressive evidence of gastric or gastroenterocolic hypomotility suggested if persistent/progressive gastrointestinal signs +/- GI panel to include PLI, TLI, cobalamin and folate, and resting cortisol level to rule out occult Addison's disease.





PATIENT

Duchess Johnson

SPECIES

Canine

BREED

Staffordshire Terrier

SEX

Spayed Female

AGE

9.5 Years

WEIGHT

37.9 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Alexis Bogosian

HOSPITAL NAME

Animal Emergency
Hospital of Volusia

REFERRING VET

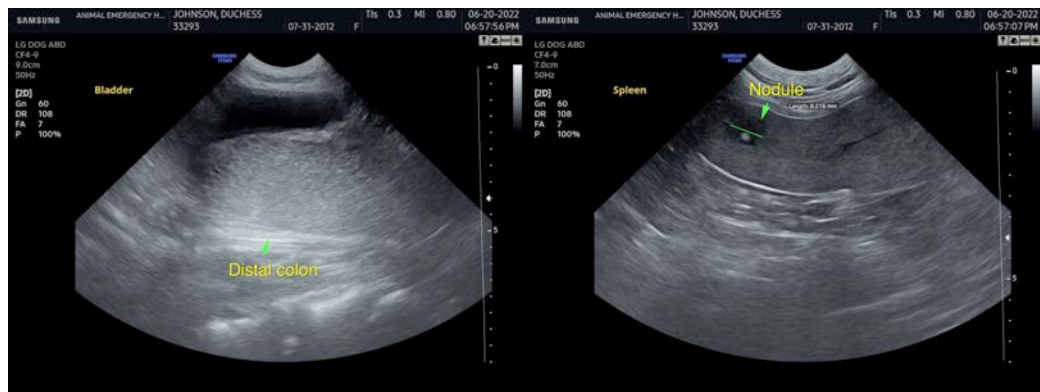
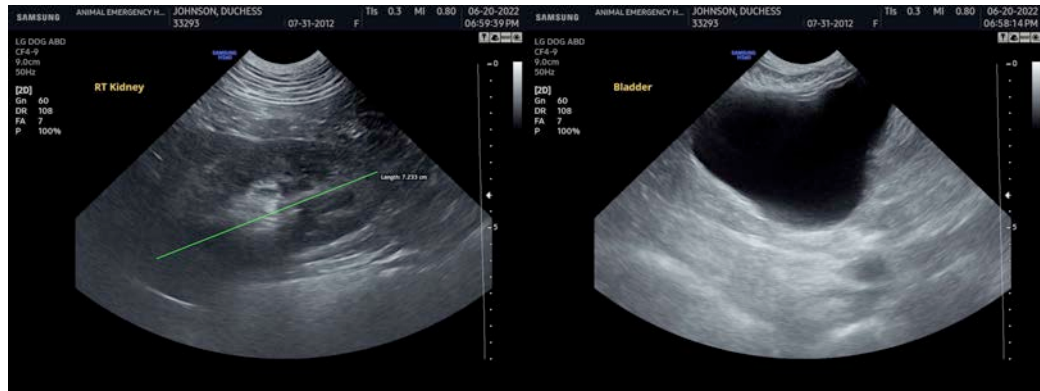
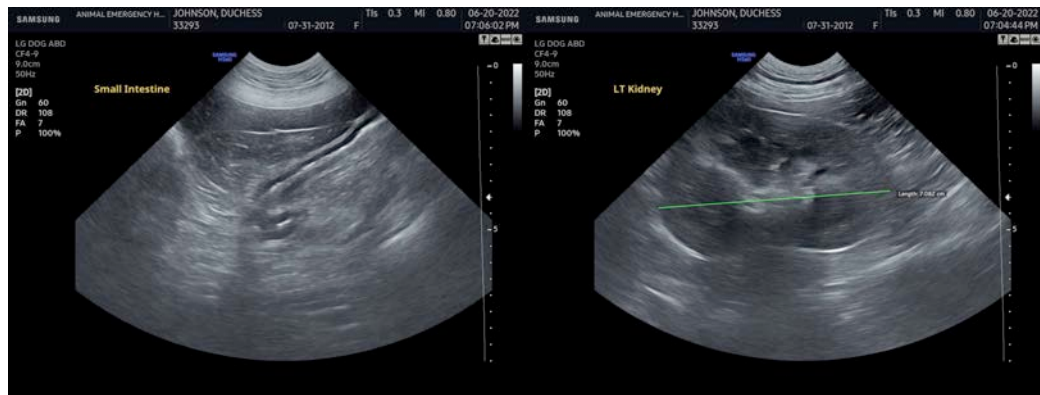
Dr. Alexis Bogosian

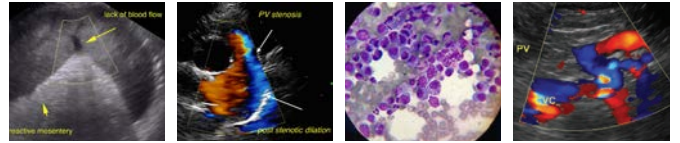
INVOICE

38912

DATE

6/20/22





PATIENT

Duchess Johnson

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.

SPECIES

Canine

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)

info@SonoPath.com

BREED

Staffordshire Terrier

SEX

Spayed Female

AGE

9.5 Years

WEIGHT

37.9 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Alexis Bogosian

HOSPITAL NAME

Animal Emergency
Hospital of Volusia

REFERRING VET

Dr. Alexis Bogosian

INVOICE

38912

DATE

6/20/22