



PATIENT

Zoey Deleo

SPECIES

Canine

BREED

Yorkie

SEX

Spayed Female

AGE

16 Years 9 Months

WEIGHT

3.5 lbs

INTERPRETED BY

Beth Johnson, DVM
 DACVIM

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

St. Georges Veterinary
 Hospital

REFERRING VET

Dr. Ng

INVOICE

72007

DATE

11/20/25

PRESENTING CLINICAL SIGNS

Recheck U/S, mammary mass, owner wants to SX remove however last US splenic mass, liver changes, GB debris, Owner will not pursue splenectomy/ liver biopsy.

Abnormal PE/Chem/CBC/UA Results: 7/21/25 ALT 242, ALP 166, Glob 3.7 BUN 57

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is adequately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

Kidneys are bilaterally small, irregular and diffusely echogenic with decreased corticomedullary distinction and poor visualization of internal architecture. There is no pyelectasia noted. Left kidney measures 2.69 cm. Right kidney measures 2.91 cm. Punctate non-obstructive nephroliths are noted bilaterally.

Adrenal Glands

Adrenal glands are largely normal in size, shape and contour. Some parenchymal heterogeneity is present without concerning capsular distortion. These changes are likely normal for this age but should be monitored if there is any suspicion of adrenal disease. Left measures 0.55 cm at the cranial pole and 0.39 cm at the caudal pole. Right measures 0.40 cm at the cranial pole and 0.19 cm at the caudal pole.

Spleen

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

Liver

Liver is subjectively enlarged with mildly irregular margins. Parenchyma is mottled by multifocal discrete hypoechoic nodules of varying sizes "moth-eaten". Visible vasculature and biliary tree appear normal without distension or congestion

Gallbladder is moderately distended with anechoic bile as well as suspended and gravity dependent echogenic debris. The wall is smooth without visible thickening. There is no evidence of cystic or CBD dilation. There is no evidence of effusion or inflammation.

Gastrointestinal

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with a small to moderate amount of echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen is mildly distended with echogenic non-shadowing



PATIENT

Zoey Deleo

luminal contents and gas consistent with normal ingesta/chyme. There is no evidence of obstruction, foreign material or infiltrative disease.

SPECIES

Canine

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

BREED

Yorkie

Pancreas

The pancreas that is observed appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

SEX

Spayed Female

Free Abdomen

There is no visible free peritoneal effusion noted in these images.

AGE

16 Years 9 Months

There is no apparent pathologic lymphadenopathy noted in these images.

WEIGHT

3.5 lbs

The visible heart base (RA) and pericardium are unremarkable without obvious pathology noted in these images at this time. If cardiac function evaluation is desired, a full echocardiogram is recommended.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

PRIMARY FINDINGS

- The liver changes are largely static compared to the previous exam and remain concerning for infiltrative neoplasia, potentially metastatic neoplasia given patient's history versus round cell neoplasia versus other. Having said that, a benign process such as nodular hyperplasia versus other can't be ruled out without tissue sampling.
- There is no definitively visible evidence of the splenic mass noted in today's images. However, my suspicion is that it was difficult to visualize, as the patient was reportedly tense and stressed during the exam, potentially partially limiting the ability to visualize.
- Moderate gallbladder debris - Cholecystic debris is of unknown clinical significance. It can be seen with biliary stasis from fasting or illness. Cholecystic debris is not necessarily related to hepatobiliary disease. Echogenic bile is most commonly an incidental finding in dogs and should be interpreted in combination with clinical signs such as nausea, inappetence, cranial abdominal discomfort and/or laboratory changes such as increased ALP and/or increased Tbili.

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

St. Georges Veterinary Hospital

REFERRING VET

Dr. Ng

SECONDARY FINDINGS

- Chronic kidney disease changes with punctate non-obstructive nephroliths bilaterally.
- Age related adrenal gland changes.

INVOICE

72007

DATE

11/20/25

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This is a largely static, unchanged study compared to the previous exam with exception of the splenic nodule/mass which could not be well visualized in these images. However, there is no visible evidence of progression. Therefore, recommendations are similarly unchanged, including liver sampling via a fine needle aspirate if patient's coagulation status is appropriate to evaluate for possible metastatic disease.

Three view thoracic radiographs are recommended for further assessment of cardio-pulmonary status as well as to further evaluate for any evidence of metastatic disease, if not recently evaluated.



PATIENT

Zoey Deleo

SPECIES

Canine

BREED

Yorkie

SEX

Spayed Female

AGE

16 Years 9 Months

WEIGHT

3.5 lbs

INTERPRETED BY

Beth Johnson, DVM
 DACVIM

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

St. Georges Veterinary
 Hospital

REFERRING VET

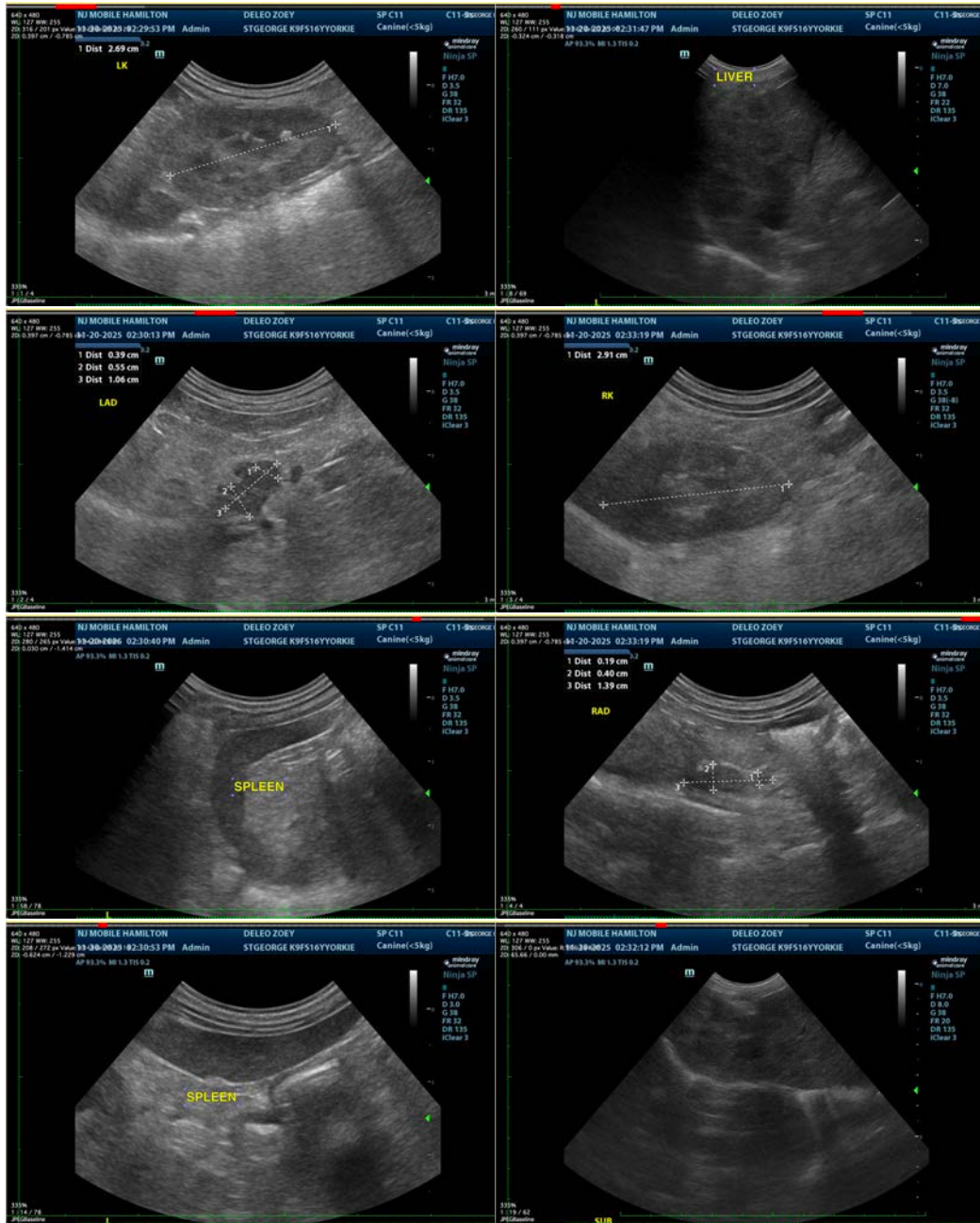
Dr. Ng

INVOICE

72007

DATE

11/20/25





PATIENT

Zoey Deleo

SPECIES

Canine

BREED

Yorkie

SEX

Spayed Female

AGE

16 Years 9 Months

WEIGHT

3.5 lbs

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

St. Georges Veterinary
Hospital

REFERRING VET

Dr. Ng

INVOICE

72007

DATE

11/20/25



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.

Beth Johnson, DVM, DACVIM
info@sonopath.com