

PATIENT PRESENTING CLINICAL SIGNS

Zelda Viera
SPECIES Canine
History: Patient presented for acute onset of vomiting and diarrhea. Patient responded well to empirical GI supportive care. At work up, AFAST was performed and potential splenic mass was appreciated. Rec. further work up. Physical exam findings: Patient BAR, H/L WNL. Significant back arch with mid to cranial abdominal palpation. Worn dentition. Otherwise NSF. Abnormal CBC values: NSF Abnormal Chemistry Values: NSF Abnormal UA Values: NSF Radiograph Findings(email radiographs if available): To be performed and sent with report. Reason for Ultrasound: Work up for potential splenic mass.

BREED

Border collie mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX Female, spayed
The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

AGE

Adult

The left kidney is normal size (5.67 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis.

WEIGHT

36 lbs.

The right kidney is normal size (5.86 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis.

Adrenal Glands

The left adrenal gland is normal size (0.55 cm at cranial pole) (0.57 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (1.65 cm at cranial pole) (0.62 cm at caudal pole) (2.72 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicaastro, DVM,
Diplomate ACVIM (*Small Animal Internal Medicine*)

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

Spleen

A 3.98 x 3.42 cm heterogeneous mass is observed in the region of the hilus. The mass contains ill-defined hyperechoic areas. The lesion causes capsular expansion. In the remainder of the spleen, the peripheral margins are curvilinear. A few ill-defined hyperechoic areas are observed throughout the parenchyma. Splenic vasculature appears normal with no evidence of thrombosis.

HOSPITAL NAME

Apline AH

Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen. A 1.32 cm ill-defined hypoechoic nodule is observed on the left side. The remaining parenchyma is homogeneous in appearance. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small to moderate amount of echogenic to mineralized suspended debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

REFERRING VET

Dr. Lindsay Sjoloin

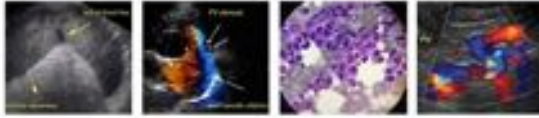
INVOICE

12319

DATE

10/11/21

Gastrointestinal



PATIENT

Zelda Viera

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

SPECIES

Canine

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

BREED

Border collie mix

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

SEX

Female, spayed

ULTRASONOGRAPHIC FINDINGS

AGE

Adult

Primary Findings:

- The splenic mass trends toward the benign (i.e., large myelolipoma). However, neoplasia cannot be completely excluded.

WEIGHT

36 lbs.

Secondary Findings:

- Gallbladder debris, non-mucocele.
- The small hypoechoic hepatic nodule is likely a benign regenerative nodule with a low possibility of emerging neoplasia.
- Minor age-related renal pathology.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (*Small
Animal Internal Medicine*)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- If accessible, a fine needle aspirate of the splenic mass is recommended using a 25-gauge needle. Clotting times should be assessed prior to the procedure. If cytologic evaluation is inconclusive and/or an aggressive approach is desired, a splenectomy with submission of the spleen for histopathology can be considered. If surgery is pursued, a liver biopsy should also be obtained to assess for potential micrometastatic disease.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Apline AH

REFERRING VET

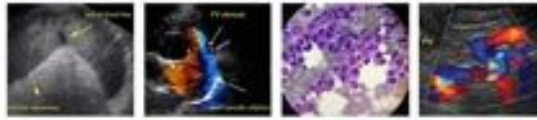
Dr. Lindsay Sjloin

INVOICE

12319

DATE

10/11/21



PATIENT

Zelda Viera

SPECIES

Canine

BREED

Border collie mix

SEX

Female, spayed

AGE

Adult

WEIGHT

36 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (*Small Animal Internal Medicine*)

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Apline AH

REFERRING VET

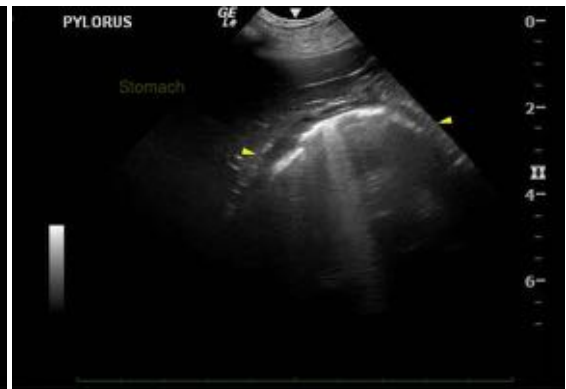
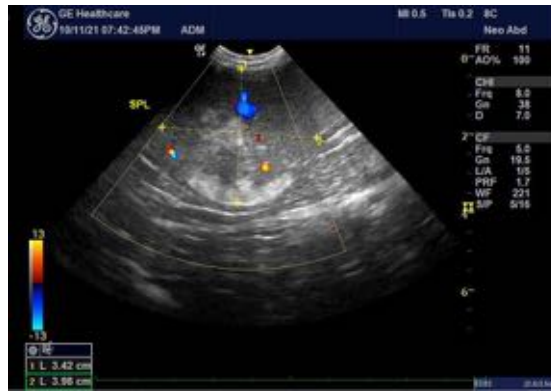
Dr. Lindsay Sjloin

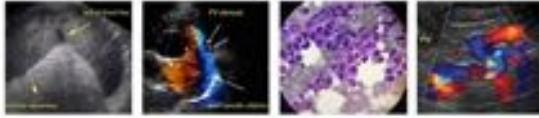
INVOICE

12319

DATE

10/11/21





PATIENT

Zelda Viera

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.

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.

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

BREED

Border collie mix

andrea.nicastro@sonopath.com

SEX

Female, spayed

AGE

Adult

WEIGHT

36 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (*Small Animal Internal Medicine*)

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Apline AH

REFERRING VET

Dr. Lindsay Sjloin

INVOICE

12319

DATE

10/11/21