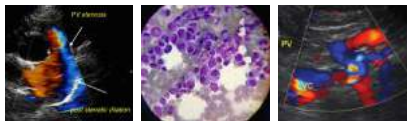
IMAGING PERFORMED BY

IntraPet.com



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
1-800-838-4268 info@sonopath.com SonoPath.com

DATE

9/16/21

PATIENT

Ginger Creamer

SPECIES

Canine

BREED

Mixed breed

SEX

Female Spayed

AGE

10/16/12

WEIGHT

87 lbs.

INTERPRETED BY

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

HOSPITAL NAME

Everhart Veterinary Center

REFERRING VET

Dr. Betta

INVOICE

11841kk

PRESENTING CLINICAL SIGNS

History: Seen for vomiting in 7/2021 with slight enlargement of mandibular and popliteal lymph nodes. No improvement and further enlargement noted on 9/13/2021. FNA confirms lymphoma. Otherwise clinically doing well at home.

Current Medications: No current medications.

Lab Results: FNA confirms lymphoma.

Radiographs: Not provided by the veterinarian.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: declined

Stat Report: not requested

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The left kidney is normal size (7.28 cm in length) with a slightly irregular shape. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. A cortical infarct is observed at the caudal pole. There is no evidence of pyelectasia, nephroliths, or hydroureter. Renal vasculature is normal.

The right kidney is normal size (6.64 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.85 cm at cranial pole) (0.73 cm at caudal pole) (3.29 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.

The right adrenal gland is normal size (0.88 cm at cranial pole) (0.79 cm at caudal pole) (3.52 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.

Spleen

The spleen is normal in size (2.24 cm in width at the level of the hilus) with a normal capsular contour. The parenchyma is diffusely mottled in appearance, bordering on “moth-eaten”. No focal lesions are observed. Splenic vasculature is normal.

Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely mottled, bordering on a “moth-eaten” appearance with a few, ill-

defined, hypoechoic nodules throughout the organ. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion. The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

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.

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.

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The sublumbar lymph nodes are severely enlarged (up to 4.73 cm in length), irregular, and hypoechoic. One of the sublumbar nodes appears to be cystic. An irregular, hypoechoic node is also observed in the right cranial quadrant. The mesentery surrounding the nodes is hyperechoic.

Other

A brief echocardiogram reveals no evidence of pericardial effusion or obvious chamber enlargement.

Enlarged, hypoechoic, cervical lymph nodes are seen.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- The hepatic, splenic, and lymph node pathology is concerning for infiltrative disease/lymphoma.
- Cervical lymphadenopathy, consistent with lymphoma.

Secondary Findings:

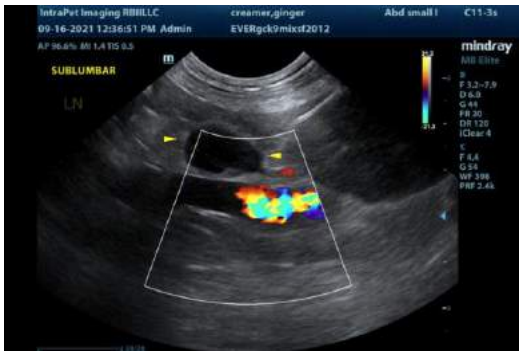
- Left cortical infarct.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

1. To confirm lymphoma in the liver, spleen, and sublumbar lymph nodes, fine needle aspirates can be performed (if clotting status is appropriate). A 25-guage needle should be used.
2. Three-view thoracic radiographs are also recommended to complete the staging work up.


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:33:15 PM Admin
EVERgck9mixsf2012
Spleen
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:36:32 PM Admin
EVERgck9mixsf2012
SUBLUMBAR
LN
1 Dist 4.73 cm
2 Dist 3.11 cm
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:36:51 PM Admin
EVERgck9mixsf2012
SUBLUMBAR
LN
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Adult ABD
C6-2Gs
09-16-2021 12:41:43 PM Admin
EVERgck9mixsf2012
CERV
LNs
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:35:30 PM Admin
EVERgck9mixsf2012
RT ADR
1 Dist 3.52 cm
2 Dist 0.94 cm
3 Dist 0.88 cm
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:35:19 PM Admin
EVERgck9mixsf2012
VESS MID ABD LN
1 Dist 3.02 cm
2 Dist 1.72 cm
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:38:21 PM Admin
EVERgck9mixsf2012
1 Dist 3.29 cm
2 Dist 0.84 cm
3 Dist 0.85 cm
mindray


IntraPet Imaging RIIIILLC
creamer,ginger
Abd small I
C11-3s
09-16-2021 12:33:56 PM Admin
EVERgck9mixsf2012
Liver
mindray

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.

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)
Andrea.nicastro@sonopath.com