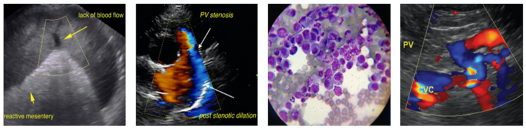
Pennsylvania Mobile
VETERINARY ULTRASOUND SERVICES

IMAGING PERFORMED BY
PAMobileVet.com 443-794-4700



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

PATIENT

Bella Corvaia

SPECIES

Canine

BREED

Vizsla

SEX

Female

AGE

2010

WEIGHT

43.7 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

Lehigh Valley

REFERRING VET

Dr. Hersh

INVOICE

35781

DATE

3/1/22

PRESENTING CLINICAL SIGNS

JANUARY - FELL DOWN STEPS, ER VISIT, SEVERE HIP DYSPLASIA, OA, SPONDYLOSIS, PAIN, LAG MASS, WEIGHT LOSS, DECREASED APPETITE RIMADYL, GABAPENTIN, BAYTRIL, ENTYCE

ALP 317, Chol 408, Calcium 9.1

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.

The area of the aortic trifurcation was free of pathology. No evidence of medial iliac or sublumbar lymphadenopathy.

No overt pathology in the area of the uterus or bilateral ovaries, if clinically applicable.

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.6 cm. The right kidney measured 7.1 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm at the cranial pole and 0.73 cm at the caudal pole. The right adrenal gland measured 0.83 cm at the cranial pole and 0.53 cm at the caudal pole.

Spleen

The spleen was overall normal in size and contour with mild generalized splenic parenchyma heterogeneity and intermittent, primarily mid to caudal variably sized to echogenic nodules. Example of larger, mildly expansive splenic nodule exhibiting central hyperechogenicity with hypoechoic periphery measured 1.0 cm diameter. This nodule did not distort the splenic capsule. Smaller, uniform hypoechoic nodule also present in the spleen measured 0.50 cm diameter.

Liver

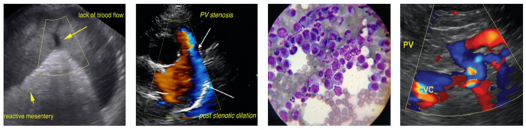
The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. 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.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. Gastric body wall measured 0.40 cm.

Pennsylvania Mobile
VETERINARY ULTRASOUND SERVICES

IMAGING PERFORMED BY
PAMobileVet.com 443-794-4700



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

PATIENT

Bella Corvaia

SPECIES

Canine

BREED

Vizsla

SEX

Female

AGE

2010

WEIGHT

43.7 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

Lehigh Valley

REFERRING VET

Dr. Hersh

INVOICE

35781

DATE

3/1/22

The small intestine presented intact wall layering with primarily maintained 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Duodenum wall measured 0.55 cm. Jejunum wall measured 0.51c m.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

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.

Free Abdomen

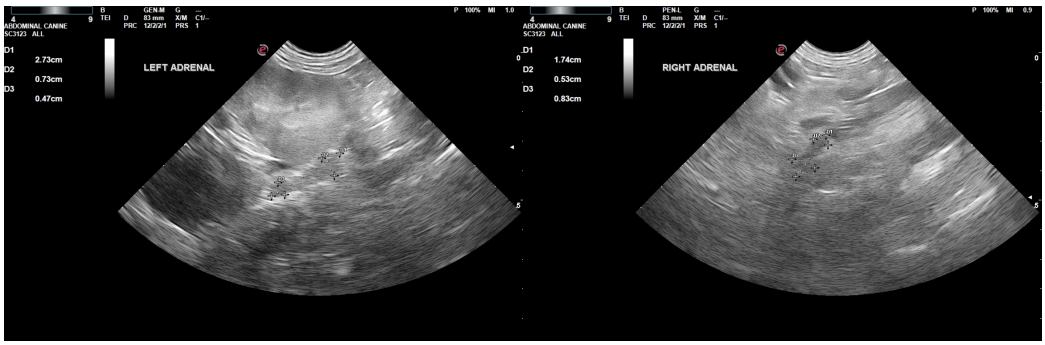
No omental masses, lymphadenopathy or effusion.

ULTRASONOGRAPHIC FINDINGS

- Non-specific splenic nodules – atypical myelolipoma, lymphoid hyperplasia, focal hematopoiesis, splenitis, previous infarct, small hematoma possible. One nodule exhibiting potential for target lesion criteria, which, although non-specific, indicates that potential metastatic splenic nodules cannot be excluded.
- Vacuolar hepatopathy pattern
- Overtly normal gastrointestinal tract
- Sonographically unremarkable medial iliac and sublumbar lymph nodes – no evidence of metastatic lymphadenopathy.

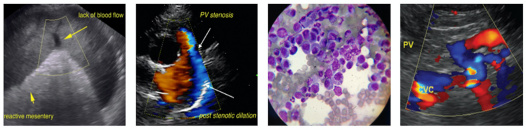
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, ultrasound guided FNA of the splenic nodules using 25-gauge needle warranted for screening cytology. Sonographic monitoring with initial recheck in 4 weeks would be a more conservative approach. Concurrent hepatic FNA could be considered if FNA of the spleen is elected. Hepatosupportive medications may prove beneficial. Further assessment of the weight loss, which may potentially be primarily secondary to severe musculoskeletal disease may include GI panel to include PLI, TLI, cobalamin and folate, as well as 3-view chest radiographs to rule out occult pathology as a contributing factor.



Pennsylvania Mobile
VETERINARY ULTRASOUND SERVICES

IMAGING PERFORMED BY
PAMobileVet.com 443-794-4700



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

PATIENT
Bella Corvaia

SPECIES
Canine

BREED
Vizsla

SEX
Female

AGE
2010

WEIGHT
43.7 Pounds

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

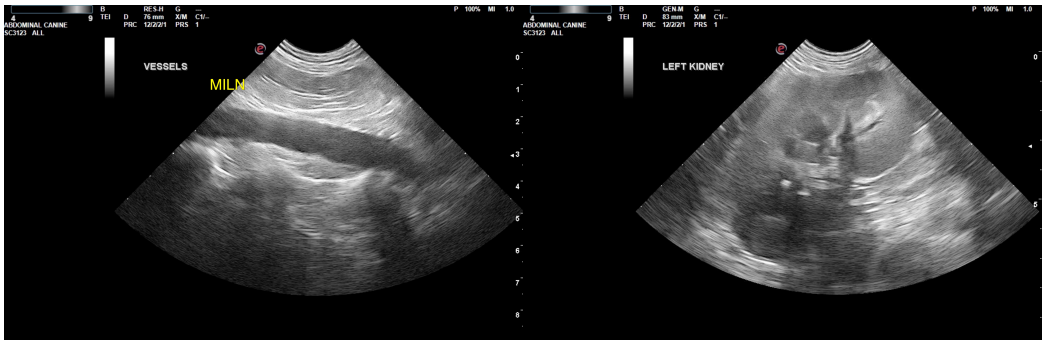
IMAGING PERFORMED BY
Rebekah Jakum, CVT ARDMS/RVT

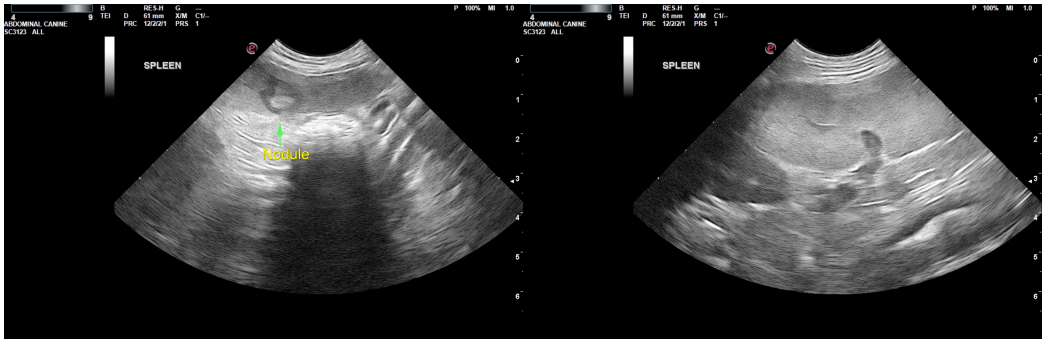
HOSPITAL NAME
Lehigh Valley

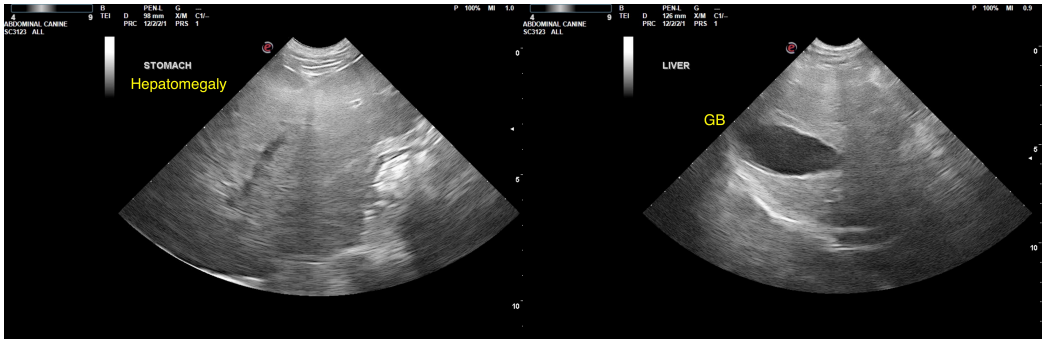
REFERRING VET
Dr. Hersh

INVOICE
35781

DATE
3/1/22







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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice) info@SonoPath.com