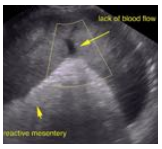
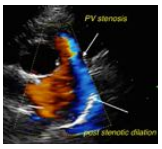
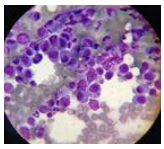
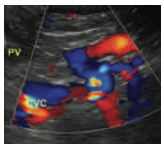
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™





SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Bo Van Steinburg

SPECIES

Canine

BREED

Beagle

SEX

Neutered male

AGE

10 years

WEIGHT

9.1 kg

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Biederbeck

HOSPITAL NAME

Lomsnes VH

REFERRING VET

Dr. Chalmers

INVOICE

31038

DATE

6/15/22

PRESENTING CLINICAL SIGNS

History: 3 weeks of intermittent severe lethargy where will just lay around and not e/d. No v/d Abnormal PE/Chem/CBC/UA Results: Distended abdomen on exam, otherwise nsf. Awaiting u/s report before doing lab work Rads of abdomen/chest-enlarged irregular spleen, otherwise nsf

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Both kidneys measured 5.0 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient.

Spleen

The **spleen** revealed multi-focal, expansive, undifferentiated masses with cystic component and regional slight free fluid and enhanced mesentery.

Liver

The **liver** revealed multi-focal, hyperechoic and hypoechoic nodular changes and irregular contour. The gallbladder and common bile duct were unremarkable. Enhanced mesentery was noted around the liver. There were slight areas of free fluid. This is strongly concerning for infiltrative disease.

Gastrointestinal

The **gastric** wall revealed pyloric thickening in the cranial aspect of the pyloric outflow measuring approximately 1.0 cm. The small intestines and colon were unremarkable.

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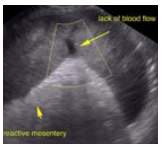
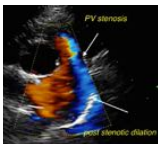
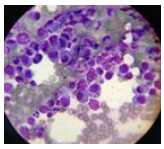
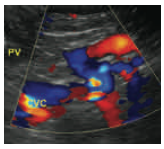

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Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

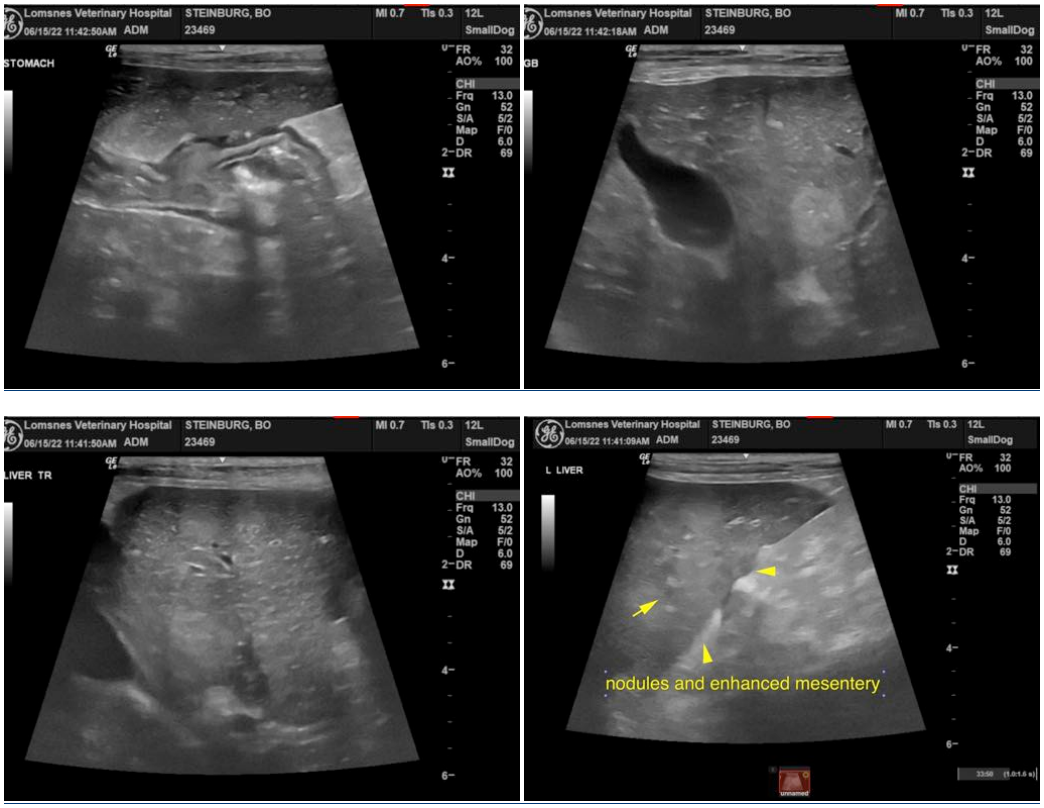
ULTRASONOGRAPHIC FINDINGS

Multiple splenic masses with metastatic pattern to the liver.

Multi-centric sarcoma is likely.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the parenchymal portions of the spleen and liver are recommended for further definition. The prognosis is poor.



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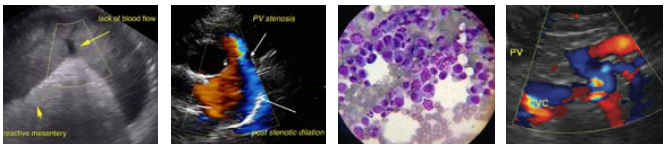

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com