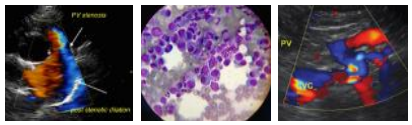
IMAGING PERFORMED BY

IntraPet.com



SonoPath
Clinical Sonography & Telecytology
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DATE

1/20/2022

PATIENT

Bubba Bennett

SPECIES

Canine

BREED

Greater Swiss Mountain Dog

SEX

Male Neutered

AGE

2-10-2012

WEIGHT

125.6 Lbs

INTERPRETED BY

Andrea Nicastro, DMV, Diplomate DACVIM (Small Animal Internal Medicine)

HOSPITAL NAME

Everhart Veterinary

REFERRING VET

Center Dr. Rubenstein

INVOICE

10172

PRESENTING CLINICAL SIGNS

History: Pt presents for 1 day vomiting/inappetence. Pt has also had significant weight loss since last visit which was not intentional per O.

Current Medications: Metronidazole 750mg BID.
Lab Results: ALP is also slightly elevated (300). Attached separately. CBC is unremarkable. Globulin is 5.0
Radiographs: Radiographs show abnormal shape to spleen - recommend ultrasound if GI persists but recommend ultrasound regardless to follow up on spleen shape.
Date of Previous IntraPet Ultrasound: No previous IntraPet scans.
Sedation: Not required to complete full diagnostic ultrasound.
Stat Report: Not requested.
Imaging Performed By: Stephanie Pearce RDCS, RVT.

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 prostate is normal in size (1.47 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

The left kidney is normal size (8.02 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 hydroureter. Renal vasculature is normal.

The right kidney is normal size (7.44 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 hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.68 cm at cranial pole) (0.73 cm at caudal pole) (2.82 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 (1.33 cm at cranial pole) (0.85 cm at caudal pole) (2.78 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

An approximately 7 cm irregular hypoechoic to heterogenous vascular mass is arising from the parenchyma. The mass causes mild capsular expansion. The remaining parenchyma is relatively homogenous in appearance. Splenic vasculature appears normal with no evidence of thrombosis.

Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen with minor changes consistent with age-related remodeling. No focal

lesions are observed. Hepatic vasculature 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 moderate amount of gravity dependent echogenic debris/sludge is observed within the lumen. The cystic and common bile ducts are normal.

Gastrointestinal
The gastric lumen is distended with ingesta, fluid and air. The gastric wall is normal in thickness with a normal layering pattern. 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.

Pancreas
A portion of the pancreas is obscured by the gastric distention. In the visualize portions, no obvious pathology is seen. The pancreatic duct is normal. The base and limbs of the pancreas are isoechoic to surrounding omental fat. No focal lesions are observed. There is no evidence of peripancreatic inflammation or effusion.

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

Other
A brief echocardiogram reveals no evidence of pericardial effusion.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

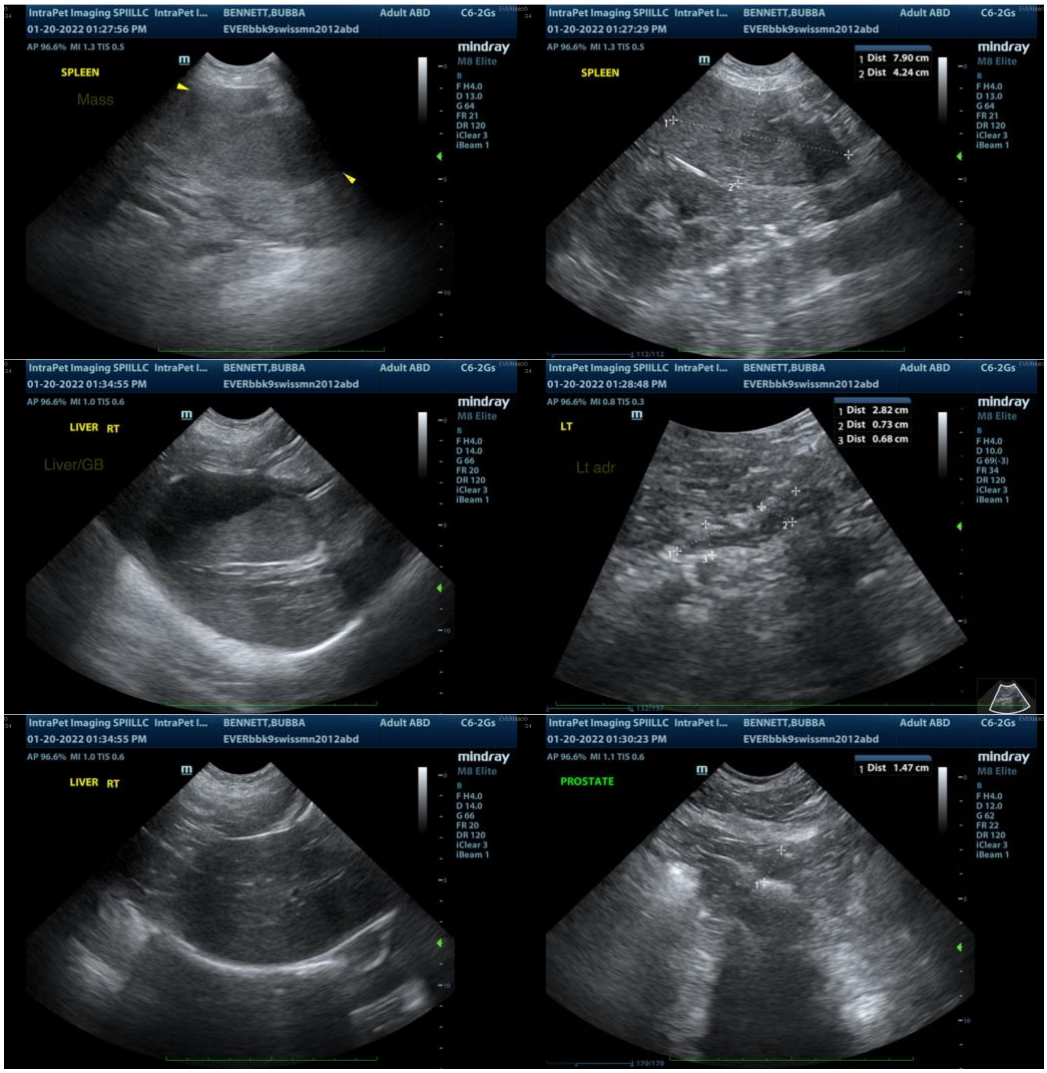
- Splenic mass. Neoplasia (i.e., hemangiosarcoma, hemangioma, round cell tumor) is considered likely, with a lower possibility of benign pathology.

Secondary Findings

- Minor age-related hepatic and renal changes
- Gall bladder debris, non-mucocele
- The gastric distention may represent focal ileus, recent meal/water intake, or less likely, a partial outflow obstruction.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases. If there is no evidence of pulmonary metastatic disease, an abdominal exploratory with splenectomy can be considered. Liver +/- gastrointestinal biopsies should also be obtained at the time of surgery to assess for micro-metastatic and concurrent GI disease, respectively.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AP 96.6% MI 1.3 TIS 0.5
SPLEEN
Mass
mindray
M8 Elite
IntraPet Imaging SPIILLC IntraPet I... BENNETT,BUBBA Adult ABD C6-2Gs
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AP 96.6% MI 1.3 TIS 0.5
SPLEEN
1 Dist 7.90 cm
2 Dist 4.24 cm
mindray
M8 Elite
IntraPet Imaging SPIILLC IntraPet I... BENNETT,BUBBA Adult ABD C6-2Gs
01-20-2022 01:34:55 PM EVERbbk9swissmn2012abd
AP 96.6% MI 1.0 TIS 0.6
LIVER RT
Liver/GB
mindray
M8 Elite
IntraPet Imaging SPIILLC IntraPet I... BENNETT,BUBBA Adult ABD C6-2Gs
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AP 96.6% MI 0.8 TIS 0.3
LT
Lt adr
1 Dist 2.82 cm
2 Dist 0.73 cm
3 Dist 0.68 cm
mindray
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IntraPet Imaging SPIILLC IntraPet I... BENNETT,BUBBA Adult ABD C6-2Gs
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AP 96.6% MI 1.0 TIS 0.6
LIVER RT
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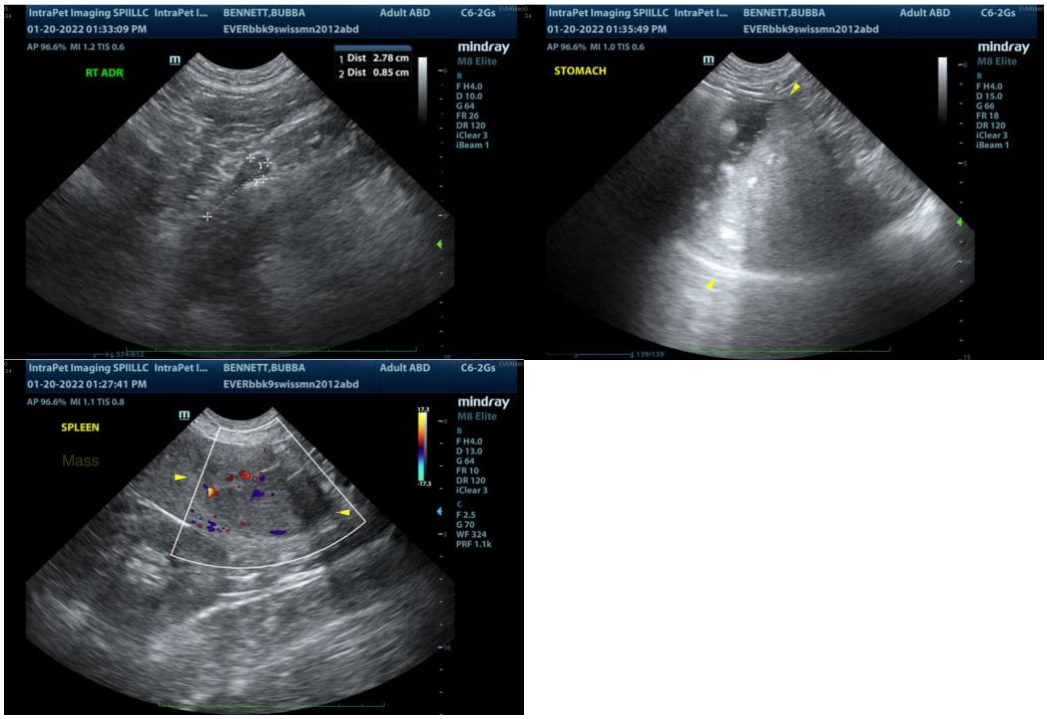
M8 Elite
IntraPet Imaging SPIILLC IntraPet I... BENNETT,BUBBA Adult ABD C6-2Gs
01-20-2022 01:30:23 PM EVERbbk9swissmn2012abd
AP 96.6% MI 1.1 TIS 0.6
PROSTATE
1 Dist 1.47 cm
mindray
M8 Elite



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.

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