



PATIENT

Sarge Lantier

SPECIES

Canine

BREED

Pit bull mix

SEX

Male, neutered

AGE

13 Yrs. old

WEIGHT

44.3 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

Midland Park VH

REFERRING VET

Dr. John Shokoff

INVOICE

12005

DATE

9/2/21

PRESENTING CLINICAL SIGNS

History: Multiple VPCs with right bundle branch block noted on EKG. Previous echo/rads revealed trivial mitral regurg, but no structural issues requiring meds.

Abnormal PE/Chem/CBC/UA Results: Trigs 504, U/A: pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

One still image and one video clip of the urinary bladder are available for interpretation. The urinary bladder is mildly distended with mostly anechoic urine. The wall is of appropriate thickness for the level of repletion. No cystic calculi are observed. The region of the trigone is normal.

The prostate is normal in size (0.69 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 (5.57 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.

The right kidney is normal size (5.72 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 in length (0.43 cm at cranial pole) (0.22 cm at caudal pole) (1.37 cm in length) with a flattened contour. 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 (0.58 cm at cranial pole) (0.56 cm at caudal pole) (1.88 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

A 3.44 x 3.06 cm heterogeneous cavitated vascular mass is arising from the medial aspect in the region of the hilus. In addition, a 0.86 x 0.84 cm cavitated nodule is observed at the cranial aspect. The remaining parenchyma is slightly mottled in appearance. Splenic vasculature appears normal with no evidence of thrombosis.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are mostly anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The gastric lumen is mildly to moderately distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally dilated with chyme. The small intestinal



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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.

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Pancreas

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The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

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Free Abdomen

Pit bull mix

There is no evidence of free fluid. The abdominal lymph nodes are normal/not visible.

SEX

Other

Male, neutered

A brief echocardiogram reveals no evidence of pericardial effusion.

AGE

ULTRASONOGRAPHIC FINDINGS

13 Yrs. old

Primary Findings:

- Splenic mass with smaller splenic nodule. Neoplasia (i.e., hemangiosarcoma, hemangioma) is suspected with a lower possibility of benign pathology.

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Secondary Findings:

- The flattened left adrenal gland may be a normal variant for this patient or may represent atrophy (i.e., secondary to hypoadrenocorticism). Correlation with clinical findings is recommended.
- The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.

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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, consider a splenectomy. Liver biopsies should also be obtained at the time of surgery to assess for micrometastatic disease.

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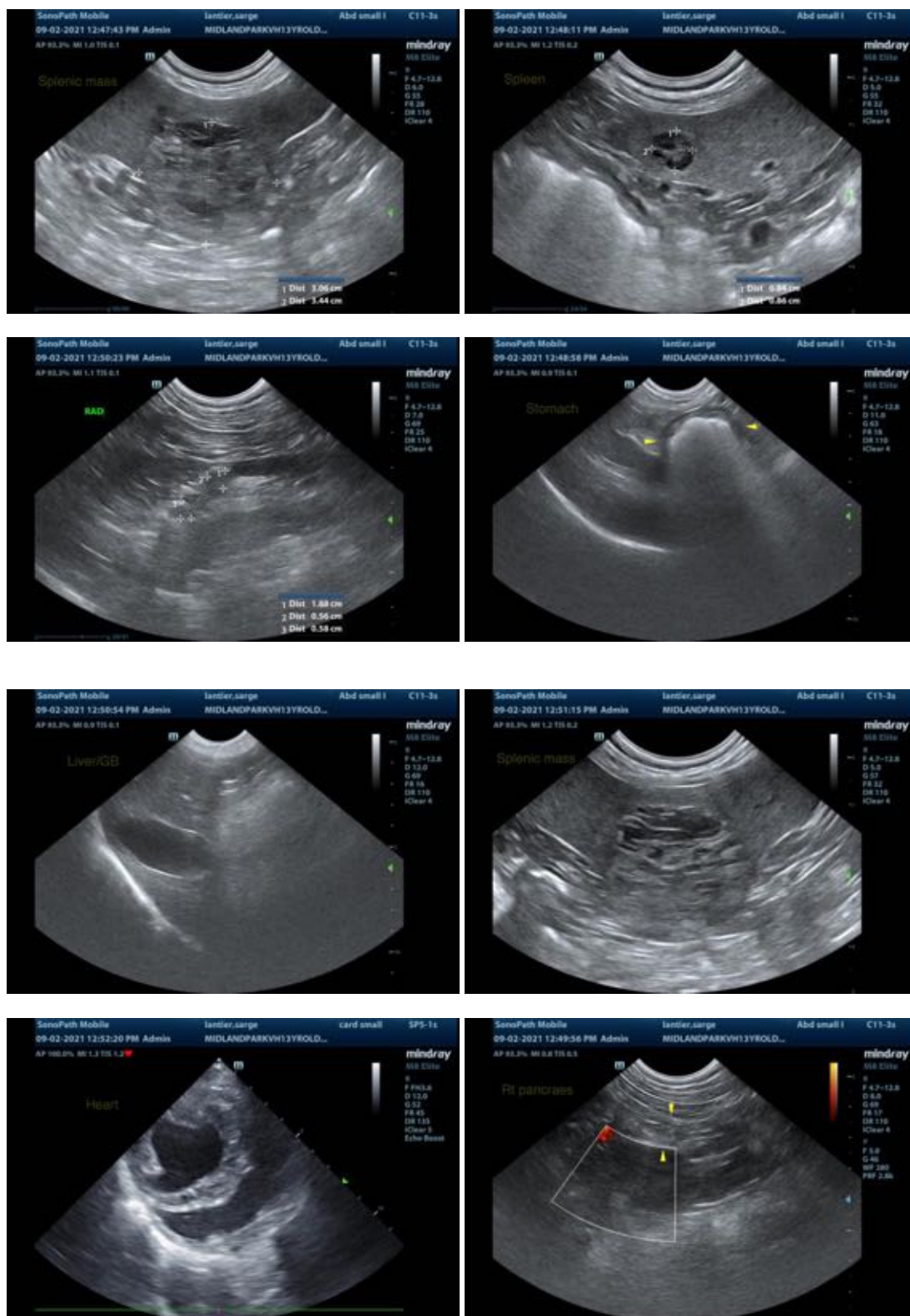
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the



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image/video clips provided.

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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.

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Andrea.nicastro@sonopath.com

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