



**PATIENT**

Maxim Veleski

**PRESENTING CLINICAL SIGNS**

History: Patient presents for suspicion of possible splenic mass based on palpation, but not noted on specialist on radiographs. However, rads did reveal hepatomegaly so U/S to evaluate liver and spleen. No current meds.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Mildly elevated Alk. Phos.

**BREED**

English Bulldog

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Urinary bladder is adequately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

**SEX**

Neutered male

Prostate (neutered) is normal in size, echotexture and echogenicity for a neutered male.

**AGE**

9 years

Left kidney is normal is size (7.02 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. A cortical cyst was noted in the left kidney. There is no evidence of pyelectasia, mineral or infarcts observed.

Right kidney is normal is size (6.07 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

**WEIGHT**

80.2 lbs

**Adrenal Glands**

Left adrenal gland is normal in size (3.17 cm in length, 0.41 cm at cranial pole and 0.46 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

Right adrenal gland is normal in size (2.0 cm in length, 0.67 cm at cranial pole and 0.68 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Midland Park VH

**REFERRING VET**

Dr. Shokoff

**Spleen**

Spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). A 3.0 cm in diameter homogenous, hypoechoic mass extending from the head/cranial aspect of the spleen that does result in capsular expansion. Splenic vasculature appears normal.

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**Liver**

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

**DATE**

8/18/22



<b>PATIENT</b>	Gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.
Maxim Veleski	
<b>SPECIES</b>	<b><i>Gastrointestinal</i></b>
Canine	The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.
<b>BREED</b>	
English Bulldog	The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease.
<b>SEX</b>	
Neutered male	The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.
<b>AGE</b>	
9 years	<b><i>Pancreas</i></b>
<b>WEIGHT</b>	The observed pancreas appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.
80.2 lbs	
<b>INTERPRETED BY</b>	<b><i>Free Abdomen</i></b>
Beth Johnson, DVM DACVIM	There is no evidence of peritoneal effusion or apparent lymphadenopathy noted in these images. There was no evidence of pericardial effusion or heart base tumors in these images.
<b>IMAGING PERFORMED BY</b>	<b>ULTRASONOGRAPHIC FINDINGS</b>
Kelly Vazquez, CVT	Primarily homogenous, hypoechoic splenic mass. Differentials for which include both infiltrative neoplasia such as round cell neoplasia as well as benign nodular hyperplasia with extramedullary hematopoiesis, etc. which can mimic neoplastic lesions and cannot be ruled out without tissue sampling.
<b>HOSPITAL NAME</b>	
Midland Park VH	
<b>REFERRING VET</b>	<b><u>INTERPRETATION OF THE FINDINGS &amp; FURTHER RECOMMENDATIONS</u></b>
Dr. Shokoff	Three view thoracic radiographs are recommended for further assessment of cardio-pulmonary status as well as to further evaluate for any evidence of metastatic disease, if not recently evaluated.
<b>INVOICE</b>	FNA of the splenic mass is recommended if the patient's coagulation status is appropriate. Alternatively, if a FNA cannot be pursued and/or does not reveal a diagnosis a splenectomy could be considered for a definitive diagnosis as well as removal.
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**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

Neutered male

**AGE**

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**WEIGHT**

80.2 lbs

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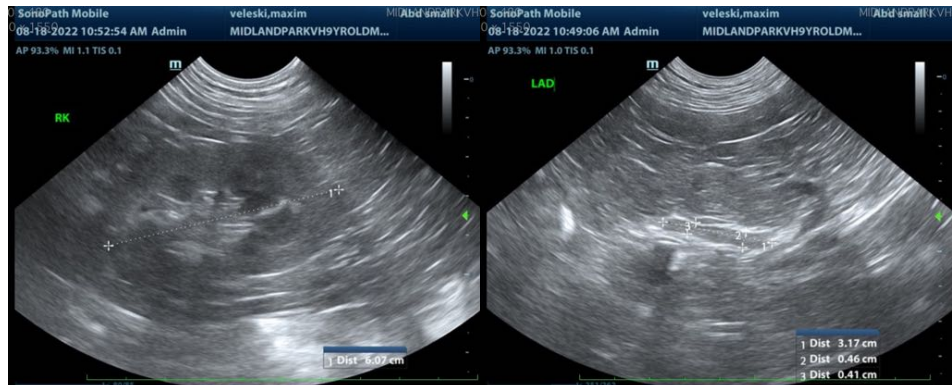
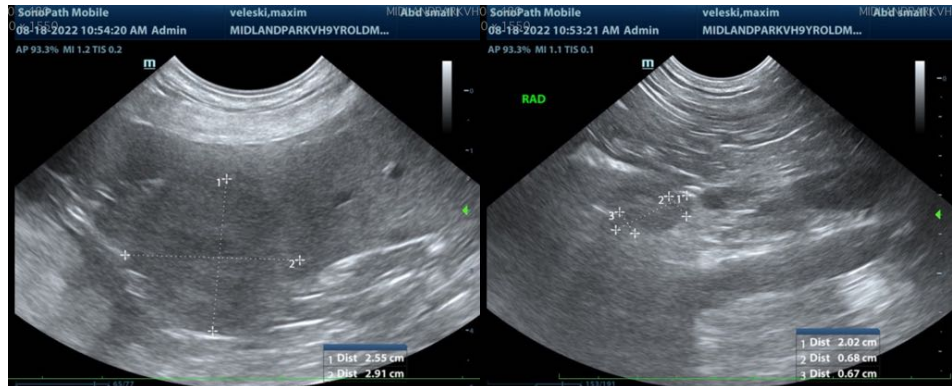
Dr. Shokoff

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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.

**SPECIES**

Canine

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.

**Beth Johnson, DVM DACVIM**

**BREED**

English Bulldog

Beth.Johnson@SonoPath.com

**SEX**

Neutered male

**AGE**

9 years

**WEIGHT**

80.2 lbs

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