

<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Ivy Blue Damanco	History: Mass effect abd, neutrophilia - left shift anaplasma +, Mass us, enlarged spleen Current meds: Doxy
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: WBC 57K elevated, neutro 50k elevated, Glob elevated 6.2, ALB 2.4
Canine	
<b>BREED</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Mix	<b>Urinary System</b> The urinary bladder is moderately distended with anechoic urine, and no luminal sediment is present. The ureteral papillae, trigone and pelvic urethra are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted. Urethra visualized to 3.0 cm.
<b>SEX</b>	The kidneys are of normal size and shape and exhibit appropriate corticomedullary differentiation with a normal 1:3 cortex to medulla ratio. There is no evidence of nephrolithiasis, mineralization, pyelectasia, cystic change or hydronephrosis. The proximal ureter is not visible (normal). The left kidney is 4.9 cm in length. The right kidney is 5.6 cm in length.
Spayed Female	
<b>AGE</b>	<b>Adrenal Glands</b> The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. The left adrenal gland height is 5.7 mm at the cranial pole and 7.0 mm at the caudal pole. The right adrenal gland height is 1.1 cm at the cranial pole and 7.1 mm at the caudal pole.
11 years	
<b>WEIGHT</b>	<b>Spleen</b> A 6.9 x 6.3 cm heterogeneous mass is noted in the body of the spleen, which disrupts the splenic capsule. The surrounding omentum is hyperechoic. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal.
65 lbs	
<b>INTERPRETED BY</b>	<b>Liver</b> The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.
Tam Mengine, DVM, DABVP (canine/feline practice)	
<b>IMAGING PERFORMED BY</b>	The gallbladder is moderately distended with anechoic contents. The gallbladder wall is focally thickened with small focal polypoid lesions. The wall thin and continuous with small focal polypoid lesion, and the cystic and common bile ducts are normal / not visible.
Val Shumskaya	
<b>HOSPITAL NAME</b>	<b>Gastrointestinal</b> The stomach is moderately distended with normal ingesta. The gastric wall is 4.1 mm with normal deviations due to rugal folds, and exhibits appropriate wall layering. The pylorus is of normal appearance.
North Jersey AH	
<b>REFERRING VET</b>	The visualized portions of the duodenum, jejunum, and ileum are of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. The duodenal wall measures 5.4 mm. The jejunal wall measures up to 3.1 mm. Intestinal motility appears normal.
Dr. Riedel	
<b>INVOICE</b>	The visible portions of the colon are of normal thickness, up to 1.7 mm, with intact wall layering. The ileocecal junction is visualized and appears normal.
12398	
<b>DATE</b>	
3.10.23	



**PATIENT**

Ivy Blue Damanco

**Pancreas**

The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

**SPECIES**

Canine

**Free Abdomen**

There is no evidence of free fluid within the peritoneal cavity. The omentum and intra-abdominal fat are of appropriate echogenicity. Enlarged abdominal lymph nodes are not observed. The aortic trifurcation has normal blood flow with no evidence of thrombosis. The included images of the heart show subjectively normal systolic function, with no evidence of pericardial effusion or masses.

**BREED**

Mix

**ULTRASONOGRAPHIC FINDINGS**

**Findings**

- 6.9 x 6.3 cm splenic mass, with surrounding inflammatory change

**SEX**

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

11 years

The mass in the spleen is most likely the reason for the elevated white blood cells. It could represent either a benign hemangioma, hematoma or malignancy, with a concern for a malignant etiology.

Recommendations include:

**WEIGHT**

65 lbs

- Three view chest radiographs to rule out metastasis
- Splenectomy with histopathology
- If surgery is not elected, initiation of therapy with Yunnan Bai Yao and l'm-Yunity may serve to decrease risk of acute hemorrhage. More information, including dosing for these therapies can be found here:

**INTERPRETED BY**

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

- <https://penntoday.upenn.edu/news/compound-derived-mushroom-lengthens-survival-time-dogs-cancer-penn-vet-study-finds>
- [https://www.mspca.org/angell\\_services/yunnan-baiyao-to-use-or-not-to-use/](https://www.mspca.org/angell_services/yunnan-baiyao-to-use-or-not-to-use/)

**IMAGING PERFORMED BY**

Val Shumskaya

**HOSPITAL NAME**

North Jersey AH

**REFERRING VET**

Dr. Riedel

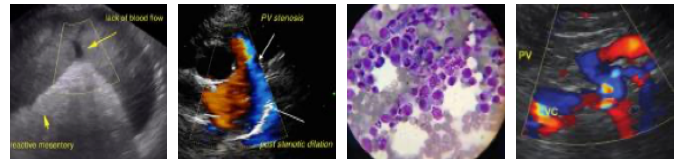
**INVOICE**

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**PATIENT**

Ivy Blue Damanco

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Spayed Female

**AGE**

11 years

**WEIGHT**

65 lbs

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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 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.

**Tam Mengine, DVM, DABVP (canine/feline practice) info@SonoPath.com**