

**PATIENT PRESENTING CLINICAL SIGNS**

**Kasey Rotz**  
In preparing for a different surgery (some mass removals), noted abdominal mass on radiographs. Performed ultrasound 6/2022 and detected a splenic nodule. Owners declined removal of the spleen at that time. Recommending following the mass with quarterly checks. Revisited this with senior annual visit and recommended follow-up ultrasound.

**SPECIES**

Canine

**BREED**

Mix

Abnormal PE/Chem/CBC/UA Results: Persistently elevated globulins and proteinuria on lab work, no significant changes in weight since last year

**SEX**

Spayed Female

**Urinary System**

Full urinary bladder with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

**AGE**

9 Years

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

**WEIGHT**

44.2 Pounds

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left kidney 7.00 cm) (right kidney 6.60 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med),  
PhD, Dipl. ECVIM

**Adrenal Glands**

Normal shape, echogenic appearance, size (left 0.53 x 0.42 cm) (right 0.80 cm), position, and appearance of the visible peri-renal vasculature.

**IMAGING PERFORMED BY**

Dr. Danielle Kitz

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. Large irregular parenchymal mass with bulging of the overlying capsule in the tail of the spleen measuring 4.50 x 5.60 cm. Normal appearance of the surrounding mesentery.

**HOSPITAL NAME**

Woodlands AH

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

**REFERRING VET**

Dr. Danielle Kitz

**Gallbladder**

**INVOICE**

13477

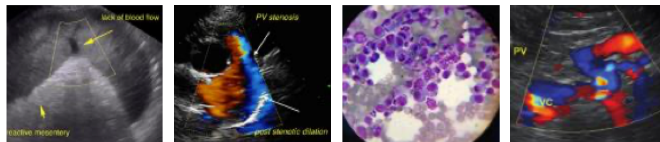
Full, containing a small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

**DATE**

6/23/23

**Gastrointestinal**

Normal appearance of the stomach, duodenum, jejunum (0.45 cm), small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.



**PATIENT** *Pancreas*

Kasey Rotz Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine Normal mesenteric lymph nodes.

**BREED** No ascites evident.

**MIX** **ULTRASONOGRAPHIC FINDINGS**

**SEX** **Primary Findings**

Spayed Female
 

- Splenic mass

**Secondary Findings**

9 Years
 

- Gallbladder sediment

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT** The most likely etiology for the splenic mass would be neoplasia, with hematoma and granuloma less likely differential diagnoses.  
44.2 Pounds

The splenic mass is most likely also the etiology for the persistent elevated globulins and proteinuria.

**INTERPRETED BY**

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM  
Further assessment would be three-view thoracic radiographs and echocardiography for assessment of the right auricle and the right atrium for possible metastatic disease. FNA cytology of the mass could also be considered. However, it is often non-diagnostic.

As the mass is causing bulging of the overlying capsule, splenectomy would be recommended, especially if there has been progressive enlargement. Additional diagnostic tests that could be considered would be serum protein electrophoresis and UPC.

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**HOSPITAL NAME**

Woodlands AH

**REFERRING VET**

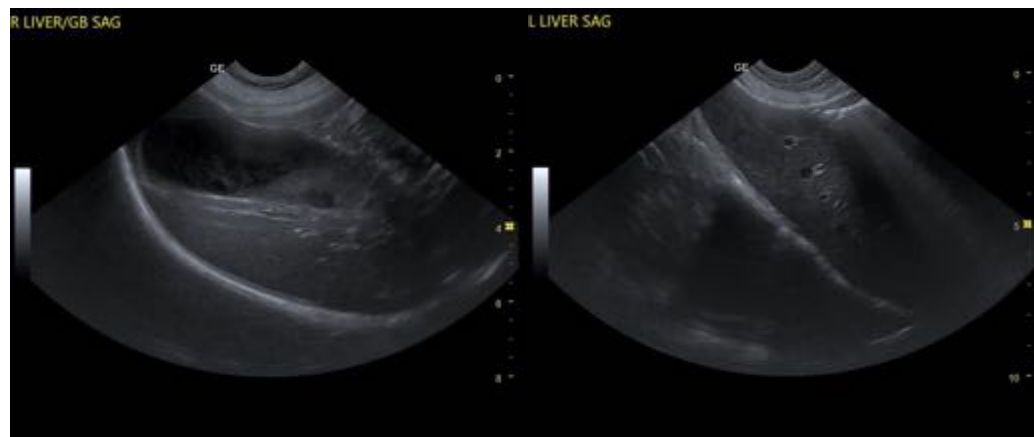
Dr. Danielle Kitz

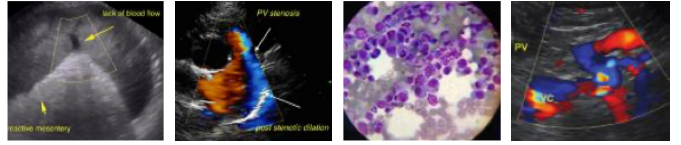
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**DATE**

6/23/23





**PATIENT**

Kasey Rotz

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Spayed Female

**AGE**

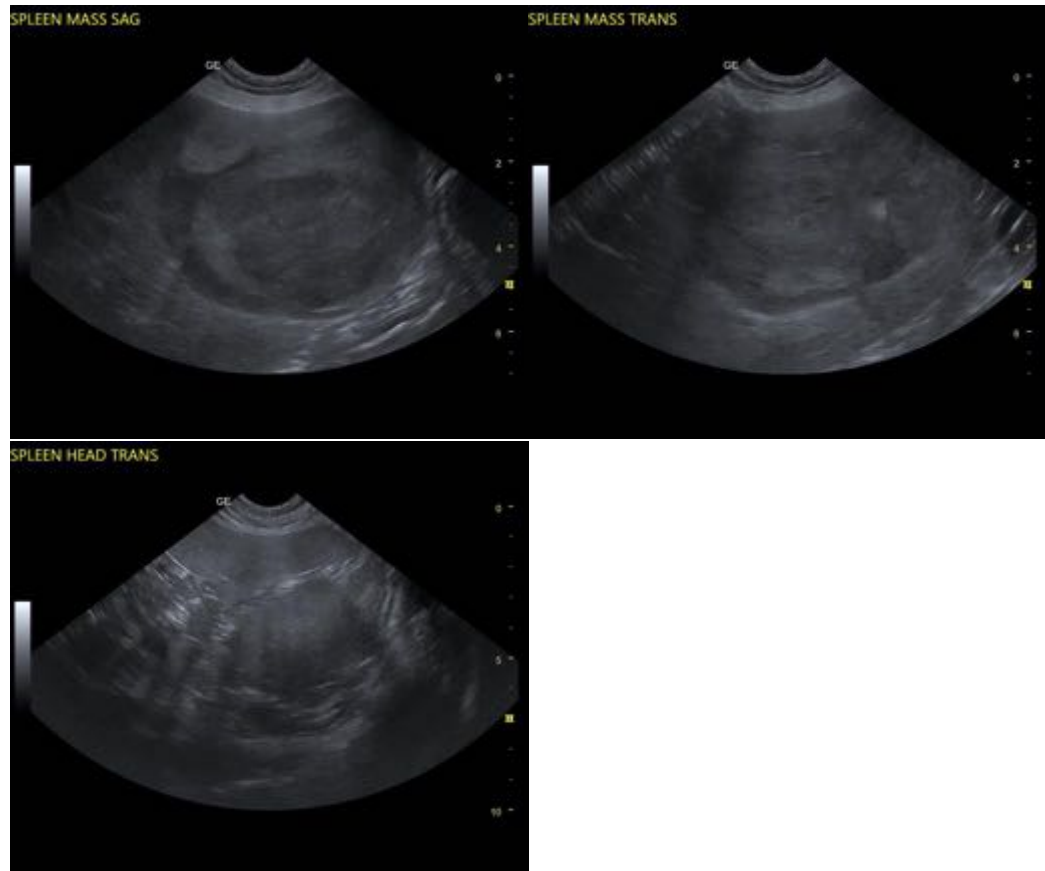
9 Years

**WEIGHT**

44.2 Pounds

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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.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**

[info@sonopath.com](mailto:info@sonopath.com)