



## PATIENT

Mocha Smith

## SPECIES

Canine

## BREED

Rhodesian Ridgeback

## SEX

Spayed Female

## AGE

10 Years 4 Months

## WEIGHT

63 pounds

## INTERPRETED BY

Greg Kuhlman, DVM,  
DACVIM (SAIM)

## IMAGING PERFORMED BY

Dr. Wasserman

## HOSPITAL NAME

Highlands Animal  
Hospital

## REFERRING VET

Dr. Frankenberger

## INVOICE

14337

## DATE

03/14/26

## PRESENTING CLINICAL SIGNS

- Purpose of sonogram: Reported weight loss of 6lbs and survey abdomen.
- Sedated prior to sonographer arrival with butorphanol 10mg/ml 0.4ml IV and acepromazine 10mg/ml 0.025ml. Additional butorphanol 10mg/ml 0.4ml given IV during middle of sonogram.

Abnormal PE/Chem/CBC/UA Results: Cbc/chem 17 within normal limits. 4dx negative x 4. Urinalysis free catch 1.061 protein 1+. Rectal within normal limits. Fecal: No ova seen

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen. No ureteral papilla was seen.

The left kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The left kidney measured 6.4 cm in length.

The right kidney presents normal size with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The right kidney measured 6.1 cm in length.

### Adrenal Glands

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 5.4 mm and the caudal pole measures 6.0 mm.

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 6.9 mm and the caudal pole measures 5.8 mm.

### Spleen

Spleen is diffusely enlarged and has a mildly hypoechoic echogenicity with overall mottled echotexture. Appearance of the spleen is concerning for possible infiltrative neoplastic disease, round cell neoplastic disease such as lymphoma or mast cell disease. Less likely, the appearance of the spleen may be due to an infectious disease such as Bartonella. A benign etiology is possible but not highly likely such as extramedullary hematopoiesis or lymphoid hyperplasia. It is possible the appearance of the spleen is a normal variation

### Liver

The liver presents normal size and shape with smooth lobar margins. The parenchyma has normal echogenicity with normal echotexture. No focal lesions are seen. Intrahepatic bile ducts are normal. Normal vascular pattern.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

### Gastrointestinal



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The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

### *Pancreas*

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.

### *Free Abdomen*

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

## ULTRASONOGRAPHIC FINDINGS

- Enlarged mottled spleen.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend ultrasound-guided splenic aspirate and submission for cytology to rule out infiltrative neoplasia.

Diagnosis is open pending further diagnostics for the enlarged mottled spleen.



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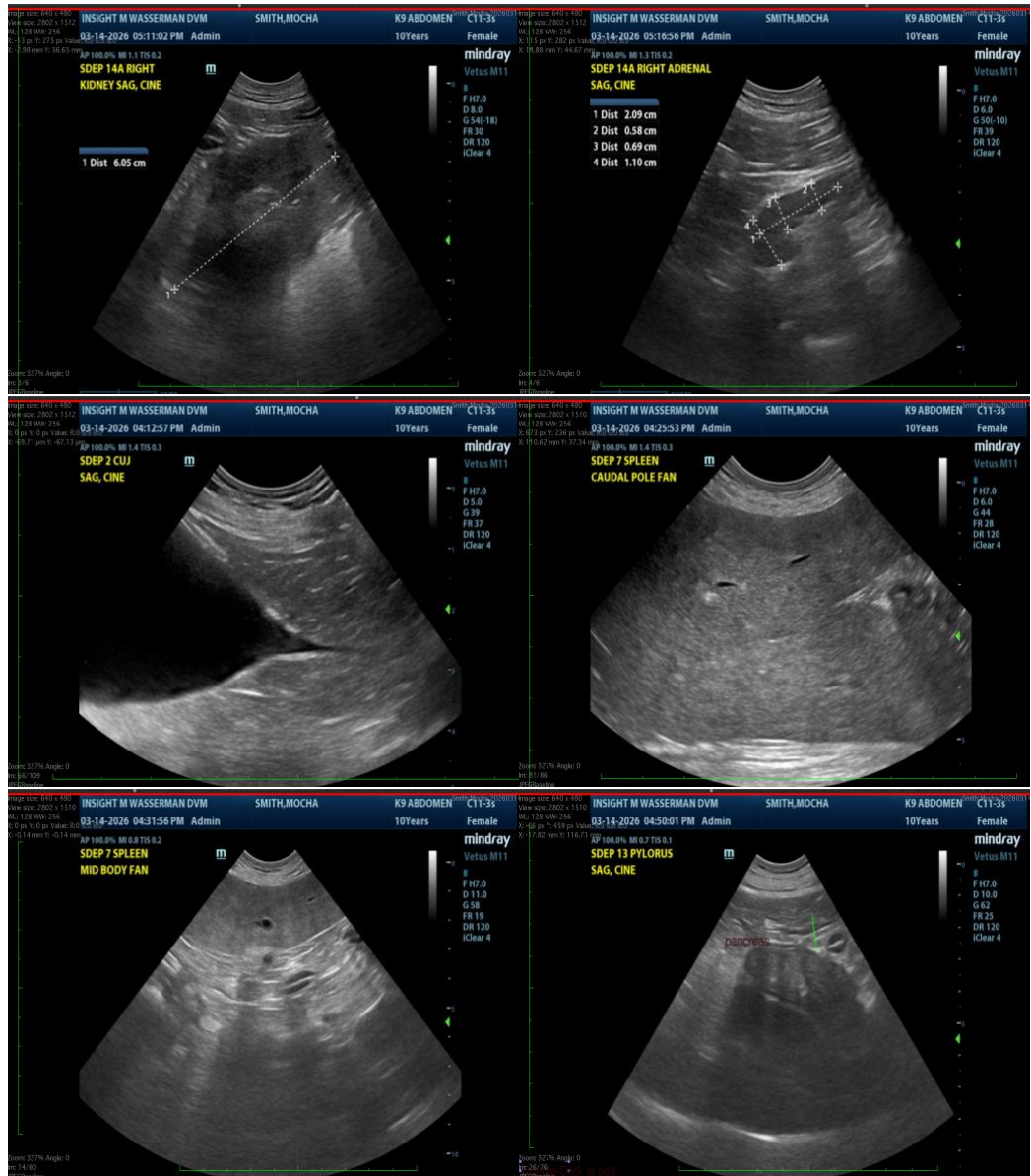
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Greg Kuhlman, DVM, DACVIM (SAIM)**  
Veterinary Internal Medicine Specialist  
[info@SonoPath.com](mailto:info@SonoPath.com)