



## PATIENT PRESENTING CLINICAL SIGNS

Bean Ruiz History: weight loss noted at last several exams (23lbs in two years)

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Abnormal PE: cachexia, pale MM; allergic dermatitis, flea infestation \*Abnormal CBC/Chem/UA/rads (& date obtained): 2/21/26 Senior Wellness: Severe non-regenerative anemia [Hct=23.6, retics=29K] Azotemia, isosthenuria [SDMA=32, Cr=4.3, BUN=134, phos=11.8, USG=1.016, 3+ proteinuria] Hyperglobulinemia and hypoalbuminemia [glob=4.6, alb=2.5]  
 Canine  
**BREED** 2/23/26 urine culture = neg

German Shepherd \*Note images are titled "Beans" Ruiz.

## SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Female Spayed **Urinary System**  
 Small urinary bladder with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident. Normal appearance of the trigone area, proximal urethra, and iliac blood vessels. Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

### AGE

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**WEIGHT** Normal renal size (left 8.0 cm / right 6.7 cm) with normal echogenic appearance, but loss of cortico-medullary differentiation, normal pelvis and capsule. No infarcts, mineralization or renoliths evident.

42 lbs

### Adrenal Glands

Normal shape, echogenic appearance, size (left 1.33 cm in width x 0.5 and 0.48 / right 1.34 cm in length x 0.38 and 0.41 cm in width), position, and appearance of the visible peri-renal vasculature.

## INTERPRETED BY

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

### Spleen

Small in size (1.1 cm in width) but maintaining a normal echogenic appearance, a smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

## IMAGING PERFORMED BY

Desen Ertunc, DVM

### Liver

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

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Humboldt VMG

### Gallbladder

Full, containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

## REFERRING VET

Sarah Schroer, DVM

### Gastrointestinal

Normal appearance of the stomach, duodenum, 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.

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### Pancreas

The visible sections of the pancreas are normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

### DATE

3-18-26

### Free Abdomen

Normal mesenteric lymph nodes.  
 No ascites evident.



**PATIENT** Irregular, non-vascularized cystic mass near the caudal pole of the left kidney.

Bean Ruiz **ULTRASONOGRAPHIC FINDINGS**

- SPECIES**
- Renal disease
  - Small spleen
  - Abdominal cystic mass
- Canine

**BREED** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

German Shepherd

- The appearance of the kidney is consistent with chronic kidney disease, and in line with the patient's azotemia, low urine specific gravity, and proteinuria.

**SEX**

Female Spayed

- The small spleen is most likely incidental, and secondary to the anemia.

**AGE**

7

- Although the abdominal cystic-like mass is most likely an incidental finding, representing a mesenteric cyst, remnant cystic ovary needs to be considered.

**WEIGHT**

42 lbs

- Further assessment of the renal disease would be UPC and blood pressure.

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MMedVet (Med), PhD,  
Dipl. ECVIM

- Further assessment of the abdominal cystic mass would be FNA cytology, and possibly an Anti-Mullerian hormone assay.
- Specific therapy would be dependent on an etiological diagnosis.

- Management of the renal disease would be feeding a renal diet, enteric phosphate binders, and either an ACE inhibitor or receptor blocker.

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**REFERRING VET**

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**DATE**

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**PATIENT**

Bean Ruiz

**SPECIES**

Canine

**BREED**

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**SEX**

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**AGE**

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**WEIGHT**

42 lbs

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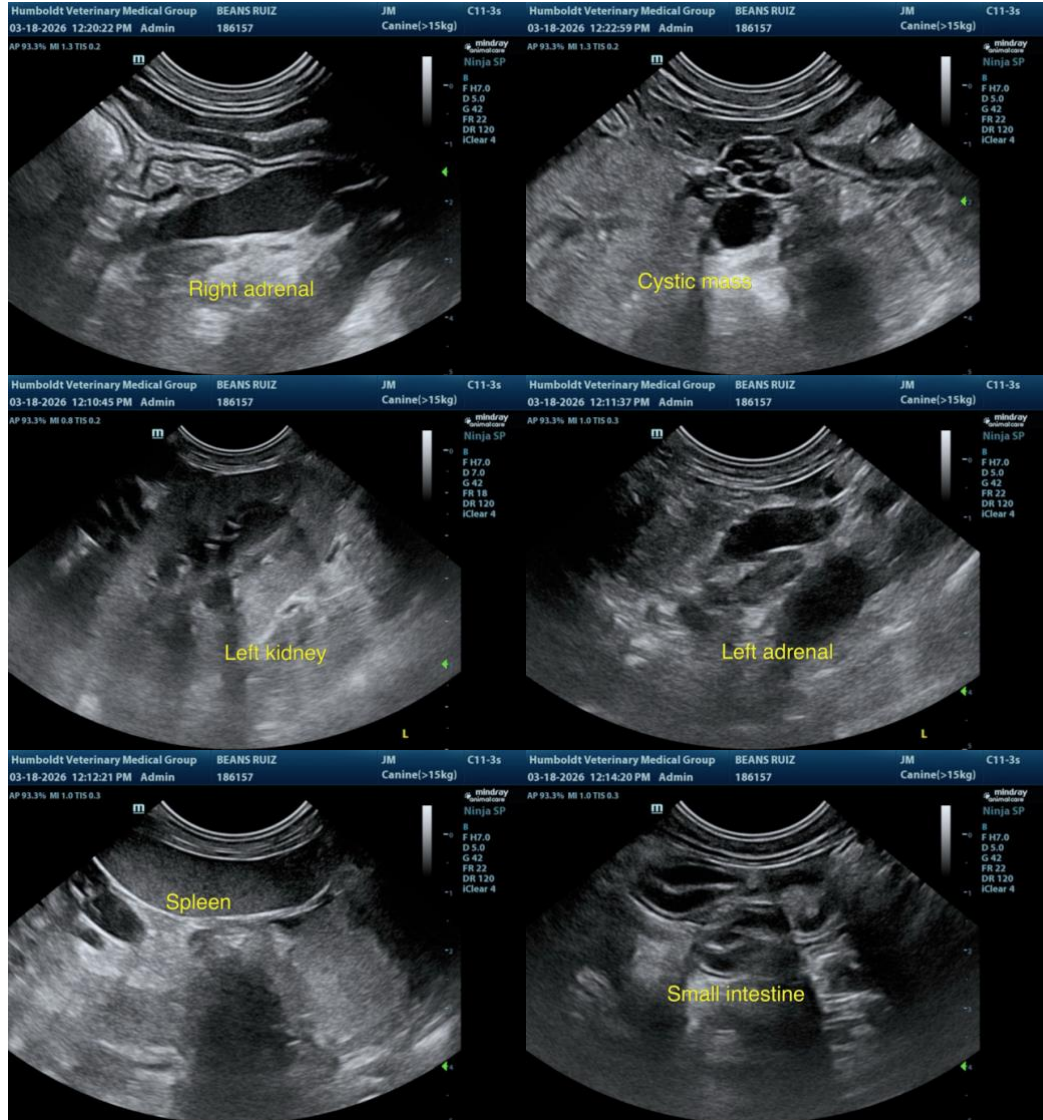
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**PATIENT**

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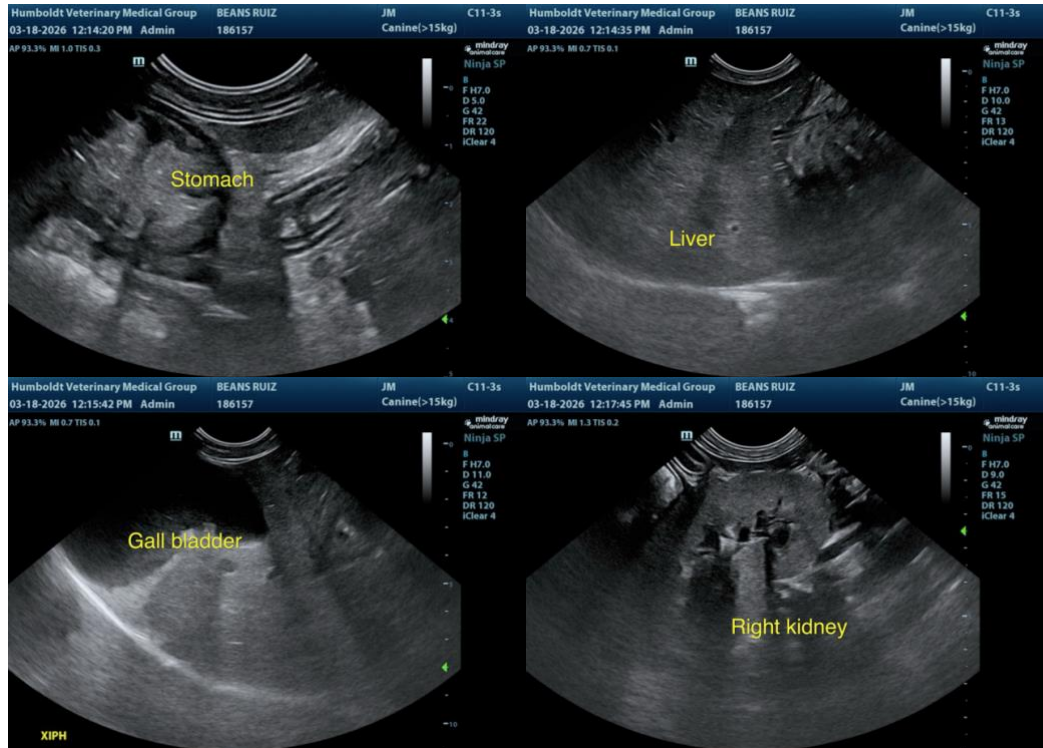
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)