


**PATIENT PRESENTING CLINICAL SIGNS**

Eris Vizueta History: Vomiting, lethargy, anorexia.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A

**BREED** CBC: Leukocytosis, thrombocytopenia.  
 Pitbull terrier Serum Biochemistry: Severe azotemia, hyperphosphatemia, hyperkalemia, hyponatremia, normal ACTH stimulation test. Lepto snap negative.

Radiographic Findings: N/A.

**SEX**

FS

**Age**

3 years

**WEIGHT**

51 #

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**Urinary System**

Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hyperechogenic sediment present. No uroliths evident.

Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

Normal iliac lymph nodes (1.6 cm). Ureters not visualized.

Normal renal size (left 6 cm, right 5.6 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

N/A.

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**Adrenal Glands**

Normal position, echogenic appearance, size, and shape. Let 0.45/0.28 cm, right 0.46/0.59 cm.

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Oviedo Veterinary Care and  
 Emergency

**Spleen**

Normal size (1.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**REFERRING VET**

Dr Caja

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.3 cm).

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**Gastrointestinal**
**DATE**

1/6/23

Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.51 cm, jejunum 0.31 cm, colon 0.23 cm) and peristaltic activity, and no distension of the lumen. Segmental thickening of the stomach (0.59 cm) with no loss of layering. Moderate amount of ingesta within the stomach.



**PATIENT** *Pancreas*

Eris Vizueta Normal size (right 1.3 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine Normal mesenteric lymph nodes (0.4 x 1.9 cm).  
No ascites.

**BREED**

Pitbull terrier

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Gastropathy.

Secondary Findings:

- Urinary bladder sediment.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the gastropathy would be secondary to the azotemia, non-specific gastritis (viral, bacterial, helminths, toxins, dietary indiscretion), Helicobacter gastritis, ulcerative disease, and inflammatory bowel disease.

With the severe azotemia and normal ACTH stimulation test and ultrasound appearance of the kidneys, acute kidney injury (toxins, hypoxia) and bacterial nephritis would be the most likely diagnoses.

With the gastropathy and acute kidney injury, ethylene glycol toxicity needs to be considered.

Further assessment would be urine and fecal analyses, urine culture, UPC (if urine sediment and culture negative), and blood pressure.

Specific therapy would be dependent on an etiological diagnosis. Management would be fluid therapy, anti-emetics, gastric protectants (omeprazole, sucralfate), and possibly dialysis.

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**IMAGING PERFORMED BY**

Sonya Myers, DVM

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Emergency

**REFERRING VET**

Dr Caja

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**PATIENT**      **IMAGES**  
Eris Vizueta      **Stomach**

**SPECIES**

Canine

**BREED**

Pitbull terrier

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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.**

**IMAGING PERFORMED BY**

Sonya Myers, DVM

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.

**HOSPITAL NAME**

Oviedo Veterinary Care and Emergency

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

Dr Caja

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