

**DATE PRESENTING CLINICAL SIGNS**

6/23/23

History: Chronic vaginal discharge. rDVM cultured then treated with Chloramphenicol. Improved while on meds then has recurred. Has been with rescue since November. rDVM is not the one who spayed patient and no spay tattoo noted.

**PATIENT**

Olive Zacker

Current Medications: None listed.

Date of Previous IntraPet Ultrasound: No previous.

**SPECIES**

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Canine

Imaging Performed By: Andi Parkinson, BS, RDMS.

**BREED****ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Bull Terrier

**Urinary System**

The **urinary bladder** and trigone presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The urethra revealed poor tone, measuring 5.0 mm in width to the extent of approximately 2-3 cm distal from the cystourethral junction. No evidence of masses.

**SEX**

Spayed Female

**AGE**

6/21/21

The **kidneys** revealed normal size and structure, corticomodullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.03 cm. The left kidney measured 5.2 cm.

**WEIGHT**

N/A

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.25 cm x 0.55 cm at the cranial pole and 0.46 cm at the caudal pole. The left adrenal gland measured 2.49 cm x 0.61 cm at the cranial pole and 0.55 cm at the caudal pole.

**HOSPITAL NAME**Animal Emergency  
Hospital**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

**REFERRING VET**

Dr. Martinoli

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**INVOICE**

23016

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

### **Pancreas**

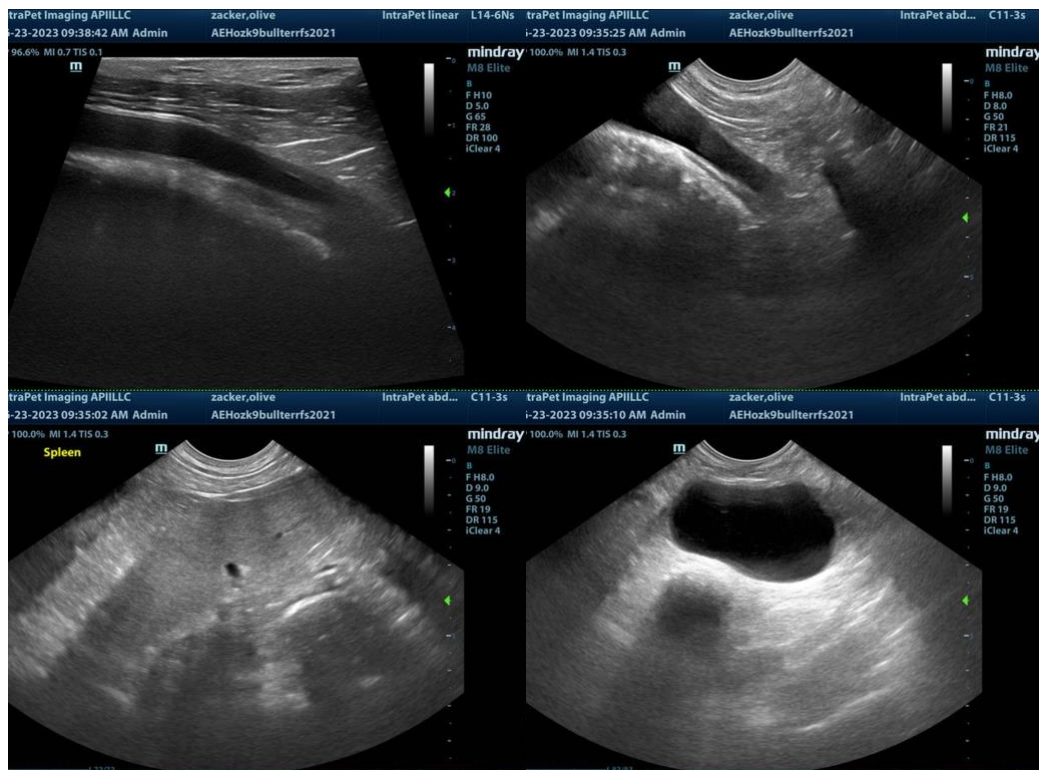
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

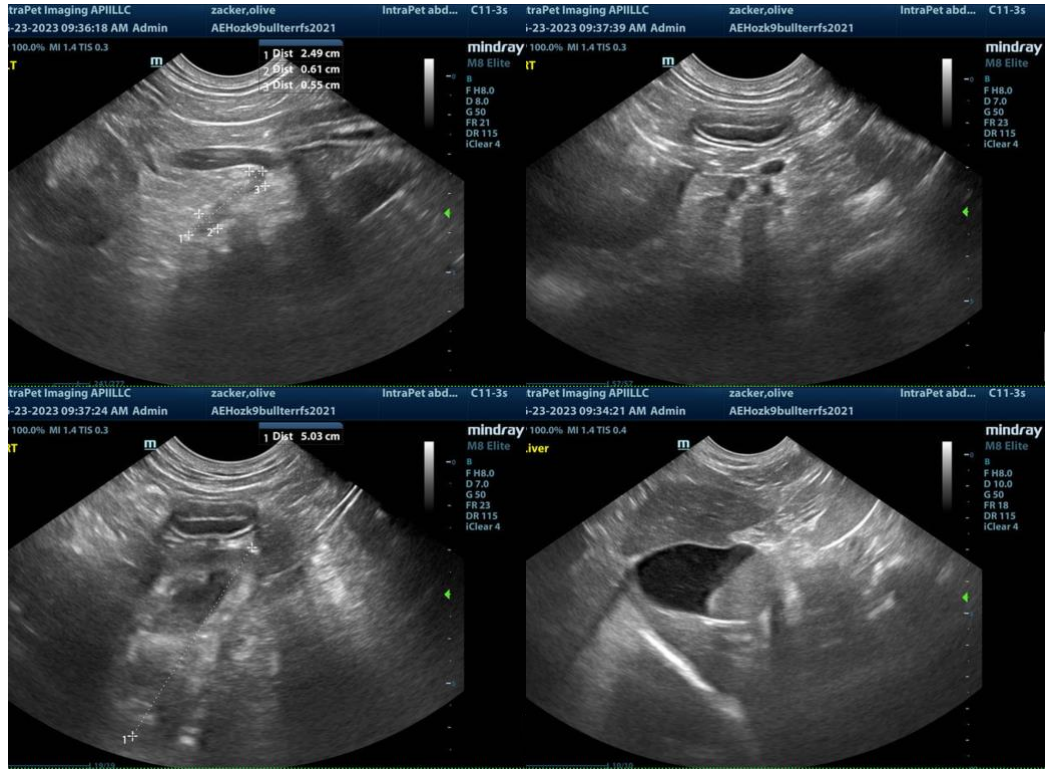
### **ULTRASONOGRAPHIC FINDINGS**

- Subjectively poor urethral tone
- Structurally unremarkable abdomen otherwise

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

Assessment for incontinence or recurrent UTIs are indicated, yet no direct complications from the ovariohysterectomy in this patient. No residual reproductive pathology noted.





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.

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