



**PATIENT PRESENTING CLINICAL SIGNS**

Hijinks Dell History: Presented for mass removal, presurgical bloods showed elevated BUN, UA showed large amount of casts  
Abnormal PE/Chem/CBC/UA Results: BUN- 31

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

Wheaton Terrier

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. A minimal amount of urine was present with apical ventral and apical dorsal wall thickening. Minor polypoid changes were noted; however, pseudohypertrophy owing to minimal urine content is possible.

**SEX**

Neutered male

The **kidneys** revealed normal size and structure, corticomedullary 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 4.4 cm. The left kidney measured 4.9 cm.

**AGE**

5 years

**WEIGHT**

30 lbs

**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 left adrenal gland measured 1.6 x 0.47 cm at the cranial pole and 0.53 cm at the caudal pole. The right adrenal gland measured 1.9 x 0.46 cm at the cranial pole and 0.47 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Waffle

**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 was noted.

**HOSPITAL NAME**

Torch Lake

**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.

**REFERRING VET**

Dr. Waffle

**INVOICE**

47784

**DATE**

6/16/23



**PATIENT**

**Gastrointestinal**

Hijinks Dell

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.

**SPECIES**

Canine

**Pancreas**

**BREED**

Wheaton Terrier

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.

**SEX**

Neutered male

**ULTRASONOGRAPHIC FINDINGS**

Minor bladder thickening, unremarkable abdomen otherwise.

**AGE**

5 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

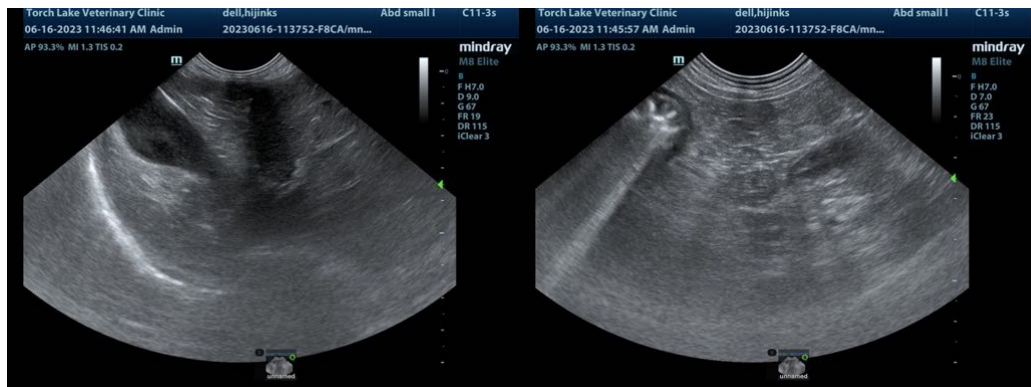
Full urinary work-up is warranted. There is no overt contraindication to anesthetic procedure as long as IV fluid support corrects the azotemia.

**WEIGHT**

30 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS



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**PATIENT**

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**SPECIES**

Canine

**BREED**

Wheaton Terrier

**SEX**

Neutered male

**AGE**

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**WEIGHT**

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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.

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
info@SonoPath.com