



**PATIENT PRESENTING CLINICAL SIGNS**

Zion Nickel  
History: Reason for ultrasound: Anorexia, lethargy, occasional vomiting. Current meds: None  
CBC/Chem/4DX = all normal. Urinalysis: Normal Urine Specific Gravity 1.029

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Bull Mastiff

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction. 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 was noted. Ureteral papillae were normal.

**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 left kidney measured 7.1 cm. The right kidney measured 7.09 cm.

**AGE**

8 years

**WEIGHT**

137 lbs

**Adrenal Glands**

The right **adrenal gland** was flattened and isoechoic measuring 3.5 x 0.4 cm at the caudal pole and 0.42 cm at the cranial pole. The left adrenal gland was normal in size, yet was isoechoic and flattened measuring 2.9 x 0.67 cm at the cranial pole and 0.83 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

**IMAGING PERFORMED BY**

Dr. Abdul Chani

**HOSPITAL NAME**

Byram AH

**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. Abdul Chani

**INVOICE**

91900

**Gastrointestinal**

The **stomach** revealed soft shadowing material. This is consistent with post prandial presentation or non-obstructive foreign matter. The small intestine and colon were unremarkable.

**DATE**

9/22/21



**PATIENT**

**Pancreas**

Zion Nickel

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.

**SPECIES**

Canine

**Free Abdomen**

**BREED**

Bull Mastiff

A large amount of abdominal fat was noted in this patient.

**SEX**

Neutered male

Structurally unremarkable abdomen.

**AGE**

8 years

Minor soft chyme or non-obstructive foreign matter in the stomach, yet not likely a clinical issue.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Screening for Addison's is warranted.

**WEIGHT**

137 lbs

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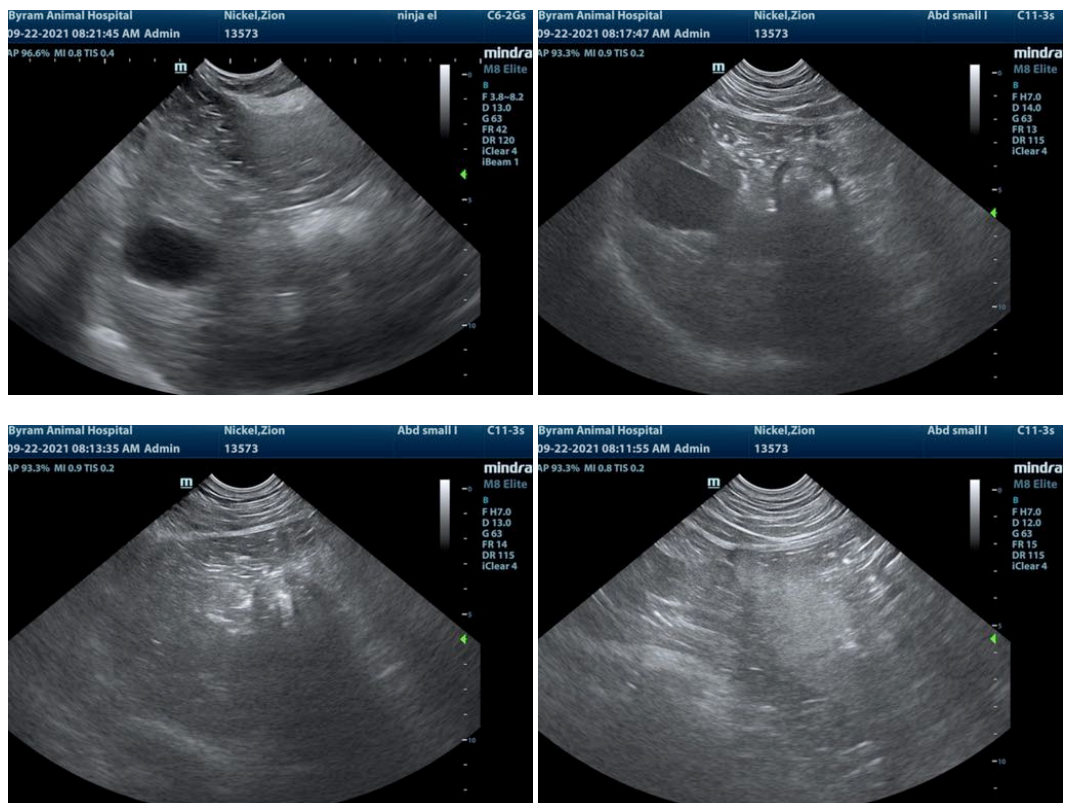
Dr. Abdul Chani

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**DATE**

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**PATIENT**

Zion Nickel

**SPECIES**

Canine

**BREED**

Bull Mastiff

**SEX**

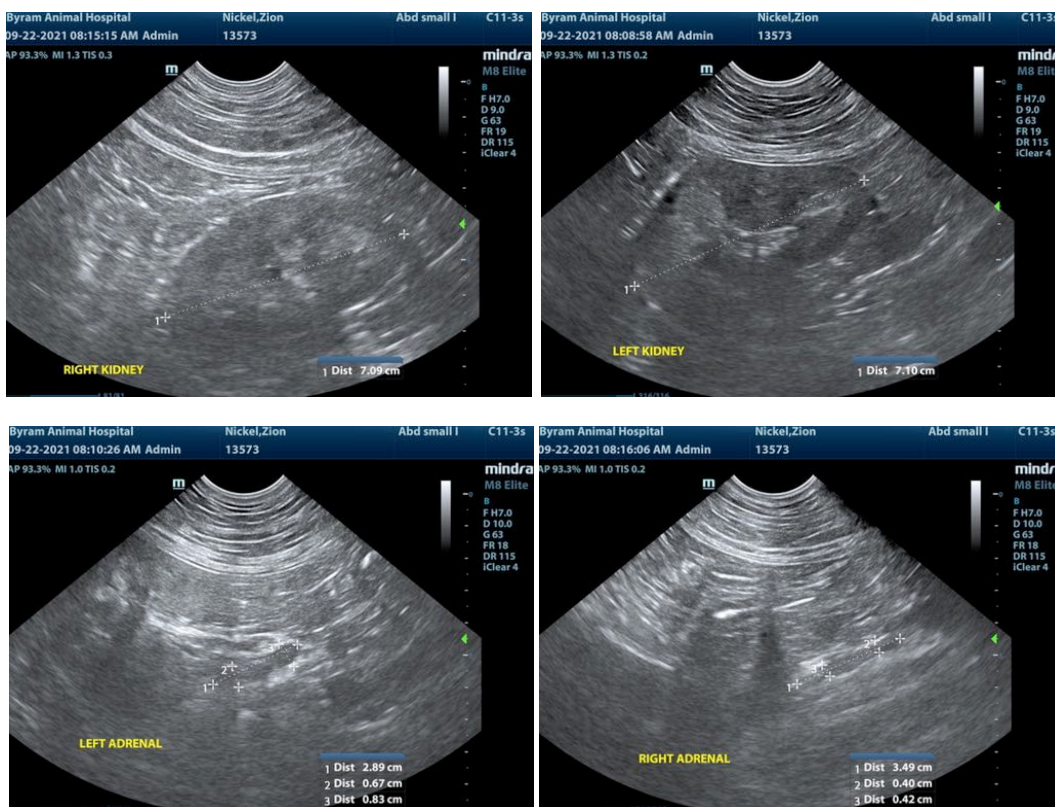
Neutered male

**AGE**

8 years

**WEIGHT**

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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.

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