



**PATIENT**

Tuff Bode

**SPECIES**

Canine

**BREED**

Pitbull Mix

**SEX**

Neutered Male

**AGE**

8 Years

**WEIGHT**

29.3 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Crystal Ebert, DVM

**HOSPITAL NAME**

Wilvet Salem

**REFERRING VET**

Dr. Crystal Ebert, DVM

**INVOICE**

16426

**DATE**

7/2/22

**PRESENTING CLINICAL SIGNS**

History: Two weeks ago was vomiting and did not show interest in eating. He was evaluated by his mobile rdvm and was febrile. He was started on an antibiotic and his eating improved. This week he has been lethargic and owner noticed a distended abdomen. He also has soft formed stools. After the antibiotics this started to become a thing for him. Yesterday, radiographs were taken that was concerning for an abdominal mass. (suspect splenic mass).

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra 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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mineralization was present in the kidneys. The left kidney measured 6.0 cm. The right kidney measured 6.0 cm.

**Adrenal Glands**

The **left adrenal gland** was 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 0.4 cm.

The region of the **right adrenal gland** was imaged and revealed no evident pathology.

**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. Cranial folding of the spleen was noted and superimposed on the liver, may create a mass effect on radiographs yet subjectively benign changes.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed slightly subnormal liver size. Increased portal marking were noted. Some moderate age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. Isoechoic nodular changes were noted in the liver. The gallbladder and common bile duct were unremarkable.

**Gastrointestinal**



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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**

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.

**BREED**

Pitbull Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Neutered Male

- Moderate hepatic remodeling, nonspecific changes with nondisruptive nodular changes
- Splenic fold
- Unremarkable abdomen otherwise

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

8 Years

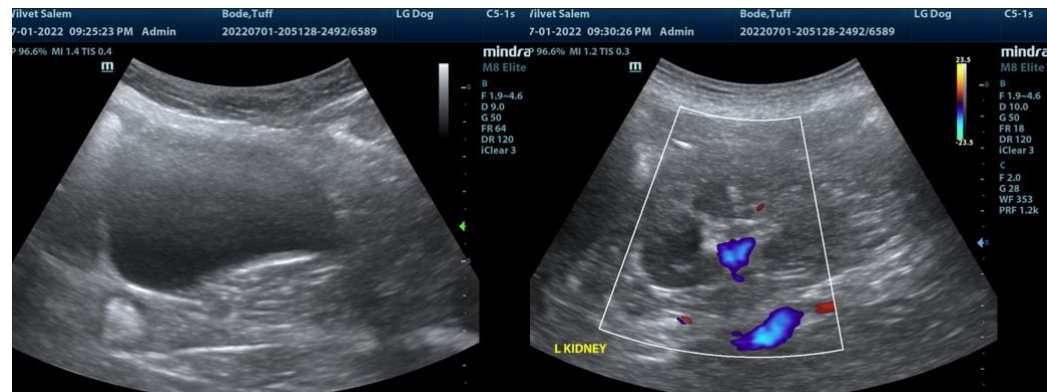
No evidence of masses. Cranial folding of the spleen was noted and superimposed on the liver, may create a mass effect on radiographs yet subjectively benign changes. Bile acid profile warranted to assess if the hepatic changes are causing early dysfunction.

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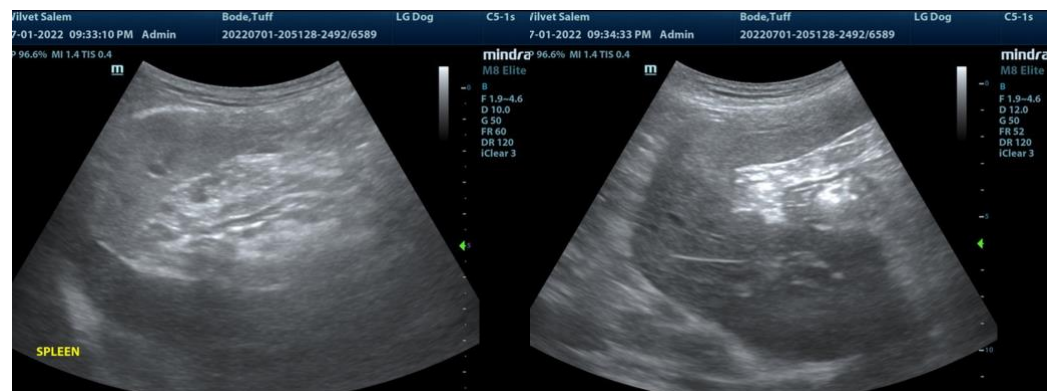


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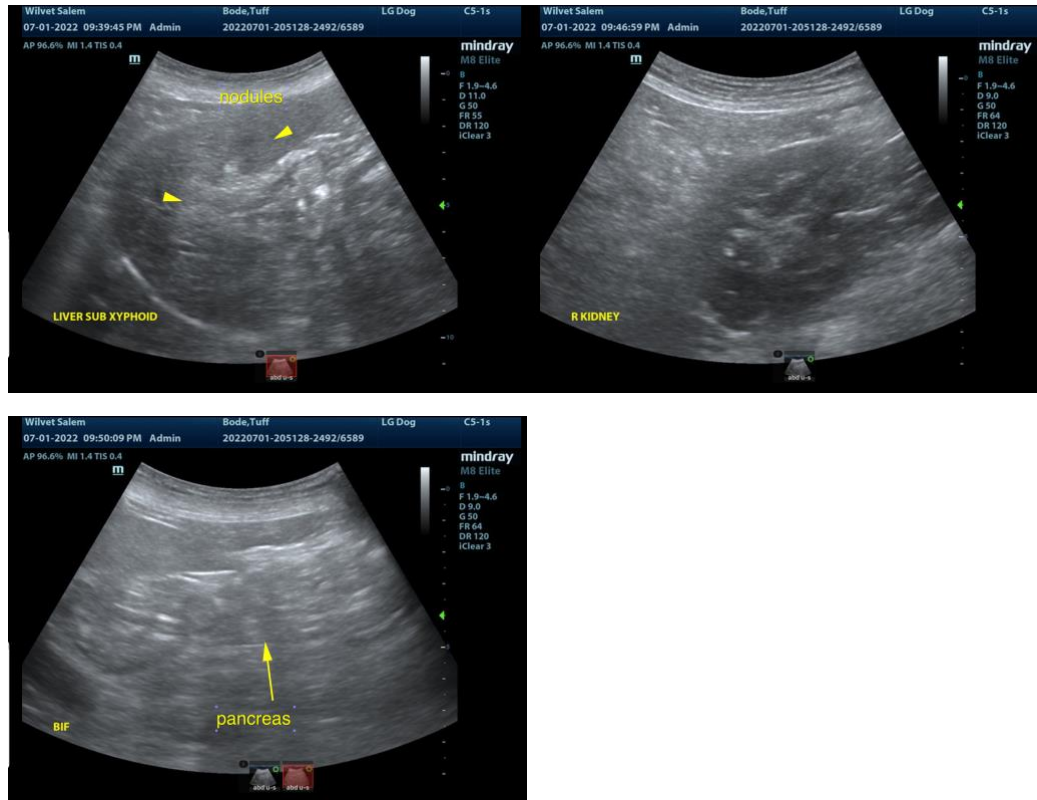
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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