



**PATIENT**

Ted E Bear Page

**SPECIES**

Canine

**BREED**

King Charles

**SEX**

Neutered male

**AGE**

7 years

**WEIGHT**

32 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Carter

**HOSPITAL NAME**

Willamette VH

**REFERRING VET**

Dr. Maggiulli

**INVOICE**

92537

**DATE**

10/21/21

**PRESENTING CLINICAL SIGNS**

History: Raisin ingestion approx 48 hrs ago; presented for signs consistent with marked nausea; diarrhea, lethargy. PE unremarkable  
Abnormal PE/Chem/CBC/UA Results: UA= 30mg/dL, UPC WNL; CBC = WBC 20K, Ca elevated (7.5) but also mildly hypoalbuminemic (2.0), otherwise unremarkable

**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 was noted. Ureteral papillae were normal.

The **kidneys** are normal in size and contour with mild, non-specific, increased cortical echogenicity. The corticomedullary definition and pelvises were normal. This is non-specific. An acute insult can present in this fashion and remain normal. The left kidney measured 4.88 cm. The right kidney measured 6.24 cm.

**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 1.03 x 0.36 cm at the caudal pole and 0.26 cm at the cranial pole. The right adrenal gland measured 0.5 cm.

**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.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Increased portal markings were noted. Some 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. The gallbladder wall was echogenic. This is consistent with fibrosis.



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**Gastrointestinal**

The **stomach** was thickened with hypertrophied mucosal and empty lumen. This is consistent with gastritis. The small intestines and colon were unremarkable.

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**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.

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**ULTRASONOGRAPHIC FINDINGS**

Fairly normal kidneys.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is no evidence of chronic disease. If azotemia is elevated than azotemia gastritis would best fit this presentation. Assessment for protein losing nephropathy is warranted if clinical signs persist or proteinuria is an issue. Recheck sonogram is recommended of the kidneys in 10-14 days.

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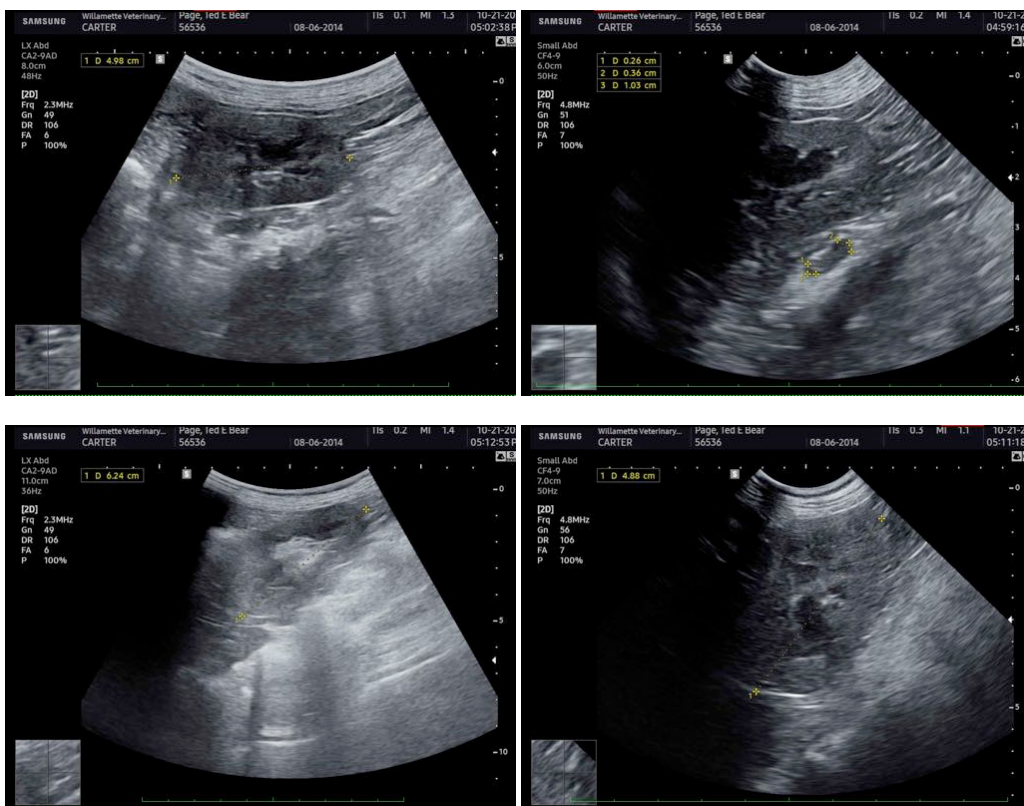
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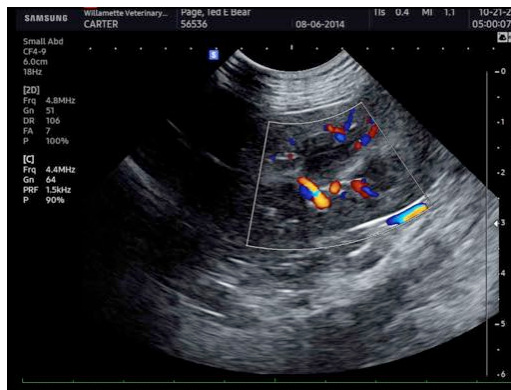
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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