



**PATIENT**

Peanut Winters

**PRESENTING CLINICAL SIGNS**

History: Back pain and incidental splenic mass

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Golden Doodle

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

**SEX**

Neutered male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.89 cm.

**AGE**

12 years

**WEIGHT**

72.4 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 right adrenal gland measured 2.72 x 0.88 cm. The left adrenal gland measured 2.17 x 0.67 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

**IMAGING PERFORMED BY**

Dr. Rodriguez

The **spleen** revealed a parenchymal cavitated mass that measured 6.26 cm. The mass was deriving from the cranial body. The splenic mass buttressed up against the left medial liver. I cannot rule out contiguous spread.

**HOSPITAL NAME**

Foxfield VS

**Liver**

**REFERRING VET**

Dr. Rodriguez

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. 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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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**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



**PATIENT**

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Peanut Winters

**SPECIES**

**Pancreas**

Canine

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**

Golden Doodle

**Free Abdomen**

**SEX**

The iliac lymph node was mildly enlarged and reactive measuring 2.22 x 1.69 cm.

Neutered male

**Heart**

**AGE**

Rapid view of the heart revealed no evidence of pathology.

12 years

**WEIGHT**

**ULTRASONOGRAPHIC FINDINGS**

72.4 lbs

Splenic mass.

Enlarged iliac lymph node.

**INTERPRETED BY**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

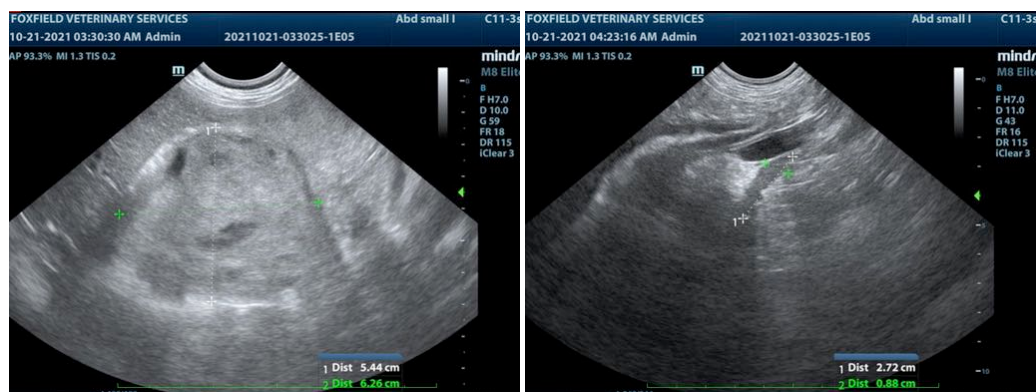
There was no evidence of rupture of the splenic mass; however, leakage and reabsorption could not be completely ruled out. There was no evidence of obvious metastasis; however, biopsies should be performed at surgery. I recommend three view chest radiographs and exploratory surgery. Hemangiosarcoma is suspected. Benign hyperplasia is possible.

**IMAGING PERFORMED BY**

Dr. Rodriguez

**HOSPITAL NAME**

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Peanut Winters

**SPECIES**

Canine

**BREED**

Golden Doodle

**SEX**

Neutered male

**AGE**

12 years

**WEIGHT**

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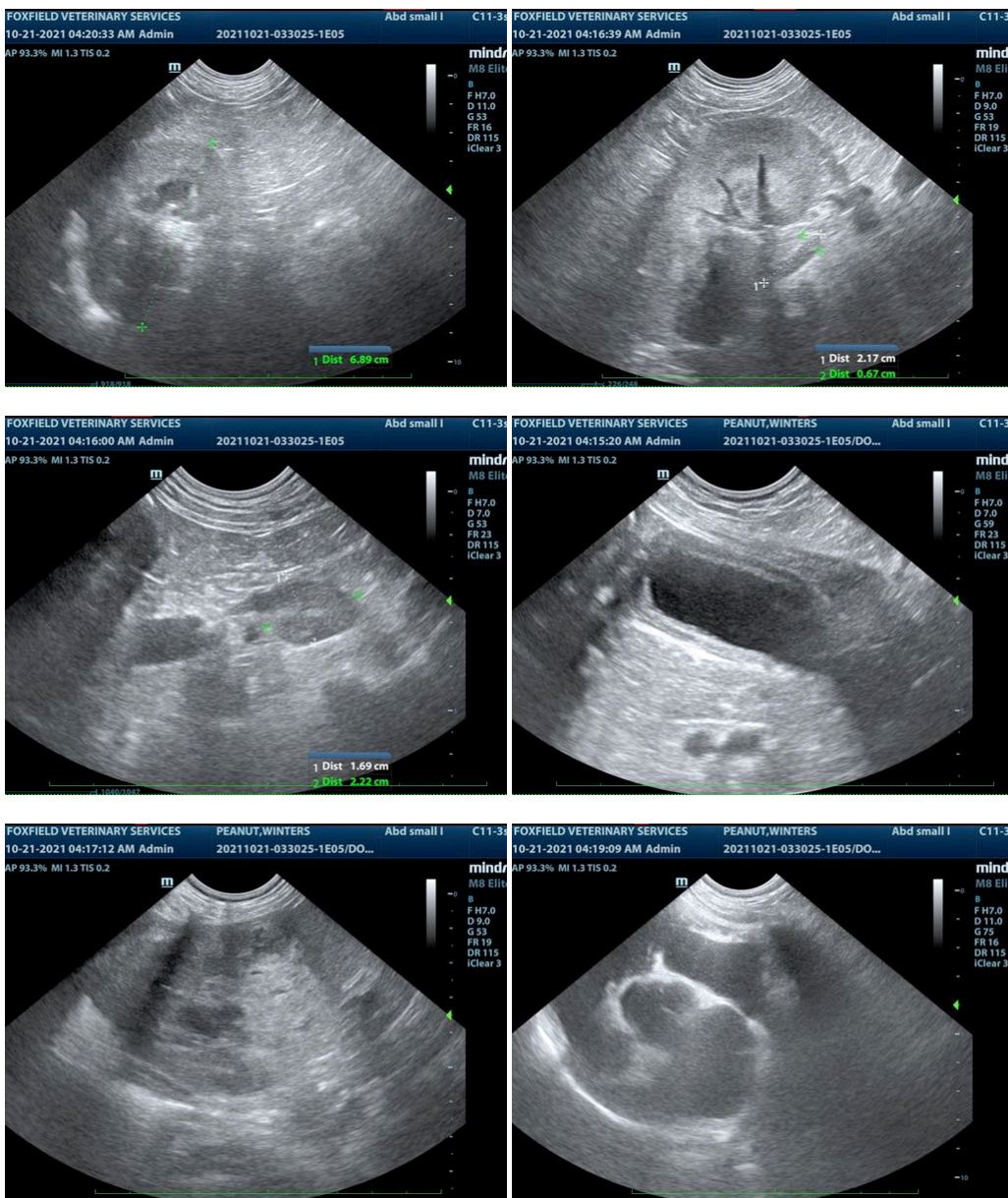
Dr. Rodriguez

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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  
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