



**PATIENT PRESENTING CLINICAL SIGNS**

Gus Spiro History: PU/PD, increased activity, pet is on pred for skin issues. LDDS did not confirm Cushing's ALKP 1899; UA: protein 2+, USPG 1.031

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

English Bulldog

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 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 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. Slight mineralization was noted in the kidneys. The left kidney measured 7.0 cm. The right kidney measured 7.7 cm.

**AGE**

14 years

**WEIGHT**

77.9 lbs

**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The right adrenal gland measured 2.33 x 1.28 cm at the cranial pole and 0.43 cm at the caudal pole. The left adrenal gland measured 2.7 x 0.62 cm at the caudal pole and 0.46 cm at the cranial pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Diane McFadden, RVT

**Spleen**

**HOSPITAL NAME**

Andover AH

The **spleen** revealed multi-focal, expansive, hyperechoic nodules. This is consistent with lipogranuloma or connective tissue tumors. Capsular expansion was noted associated with one of the larger nodules and measured up to 2.0 cm.

**INVOICE**

91772

**Liver**

**DATE**

9/14/21

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.



**PATIENT** *Gastrointestinal*

Gus Spiro The **stomach** was filled with progressively soft shadowing material. This was non-obstructive, likely irritative. If the patient was n.p.o. at the time of the sonogram then soft, chronic foreign matter is likely. The small intestines and colon were unremarkable.

**SPECIES**

Canine

**Pancreas**

**BREED**

English Bulldog

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**

Full stomach.

**AGE**

14 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONSS**

Shadowing material, suspect foreign matter, grass ball or similar is suspected in the stomach.

**WEIGHT**

77.9 lbs

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**HOSPITAL NAME**

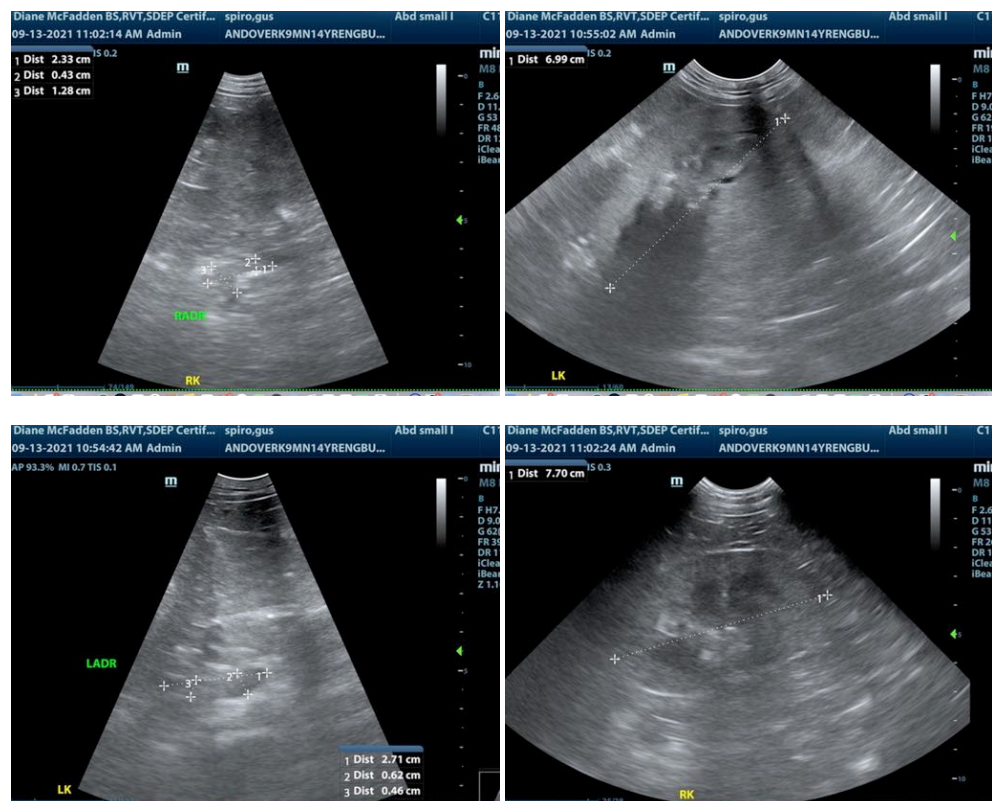
Andover AH

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**PATIENT**

Gus Spiro

**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

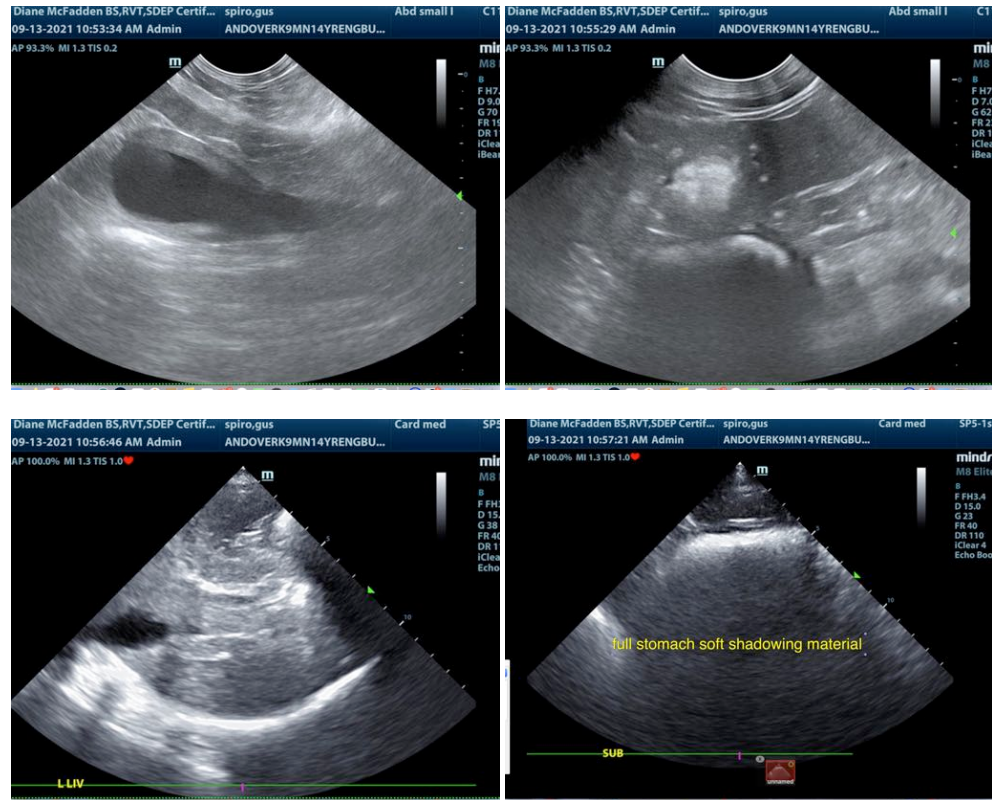
Neutered male

**AGE**

14 years

**WEIGHT**

77.9 lbs



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**DATE**

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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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