



PATIENT PRESENTING CLINICAL SIGNS

Daisy Jackson

SPECIES

Canine

BREED

Poodle Mix

History: Lethargy and inappetent for a week, but had had several days of steak and hotdogs, had diarrhea w blood, tender abdomen. Took to primary care and had labs, owner states pt was diagnosed with lymphoma, possibly in the bone marrow. Also anemic. (we don't have record/diagnostics for that visit). Was given Clavamox. We seen Wed (yesterday) for tech appointment and had SC fluids, switched abx to metronidazole, along w probiotic and Cerenia.
Abnormal PE/Chem/CBC/UA Results: PE: Grade 4/6 murmur left apical; mucooid ocular discharge, suspect KCS; temp mildly elevated at 102.4. Firm, Irregular lobular subdermal mass ~ 2X 4 cm, over pubis just rostral to vulva, caudal ventral abdomen, fixed at base/nonmovable. Labs: -WBC 28K, mature neutrophilic, mild monocytosis -nonregenerative anemia HCT 30% -elev Glob 5.4 -elev ALKP 1010 - mild decr K 3.0

SEX

Spayed Female

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

AGE

12 years

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A minor amount of suspended debris was noted. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

WEIGHT

4.3 kgs

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 4.37 cm. The left kidney measured 4.1 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

IMAGING PERFORMED BY

Dr. Callihan

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 0.37 cm at the cranial pole and 0.41 cm at the caudal pole. The right adrenal gland measured 0.37 cm at the caudal pole and 0.31 cm at the cranial pole.

HOSPITAL NAME

Animal Emergency
Care

Spleen

REFERRING VET

Dr. Bailey

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.

INVOICE

94114

DATE

11/26/21



PATIENT

Liver

Daisy Jackson

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

There was retention of ingesta noted with a 1.0 cm shadowing structure. This may represent kibble. This does not appear overtly obstructive. 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.

AGE

12 years

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.

WEIGHT

4.3 kgs

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Eric Lindquist, DMV
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Free Abdomen

The body wall adjacent to the pubis revealed a mixed echogenic to hypoechoic subcutaneous nodule that measured 2.25 x 0.93 cm.

IMAGING PERFORMED BY

Dr. Callihan

ULTRASONOGRAPHIC FINDINGS

Unremarkable abdomen with subcutaneous nodule. Granuloma versus round cell neoplasia or fibrosarcoma.

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Care

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Bailey

The nodule appears resectable. Treatment should be based on cytology results. Otherwise, unremarkable abdomen. There is some shadowing gastric material. The clinical significance depends on when the patient ate prior to the sonogram. There is no other cause of clinical issues. Screening for Addison's is warranted given the breed and vague clinical signs. CBC path review +/- bone marrow aspirate would be appropriate.

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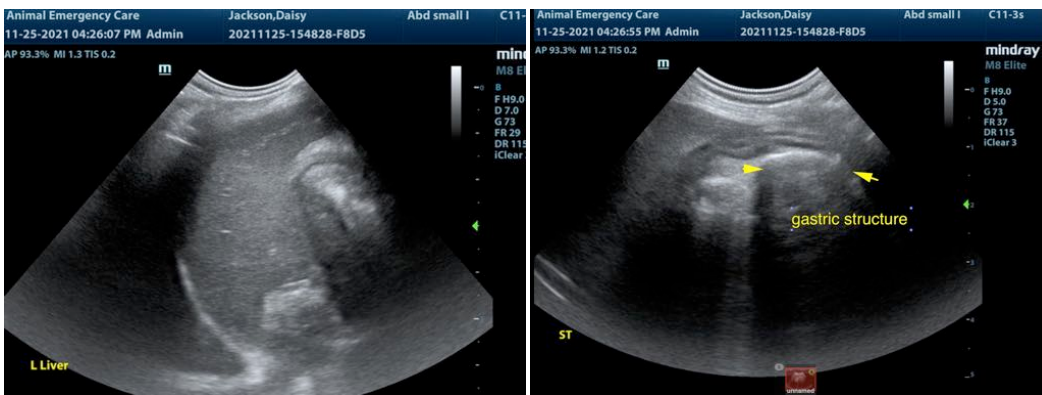
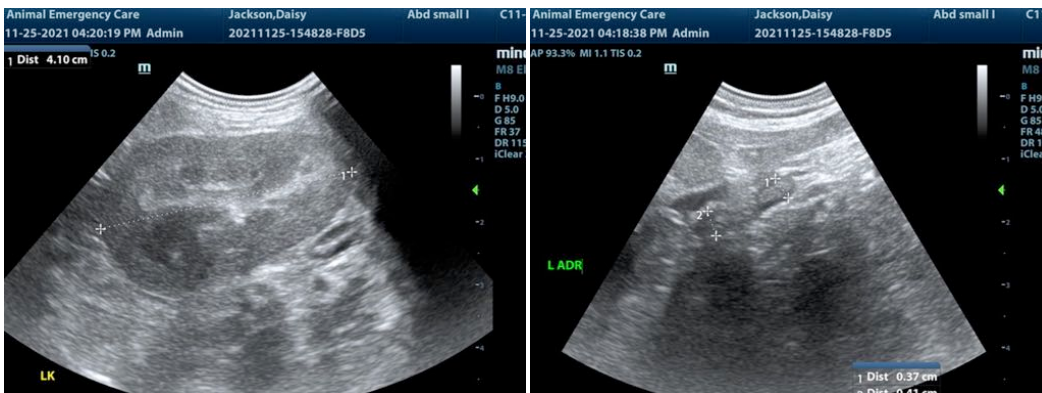
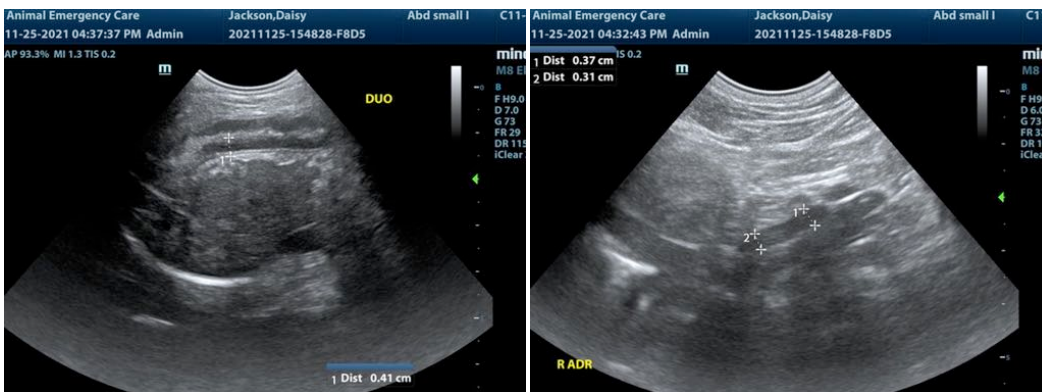
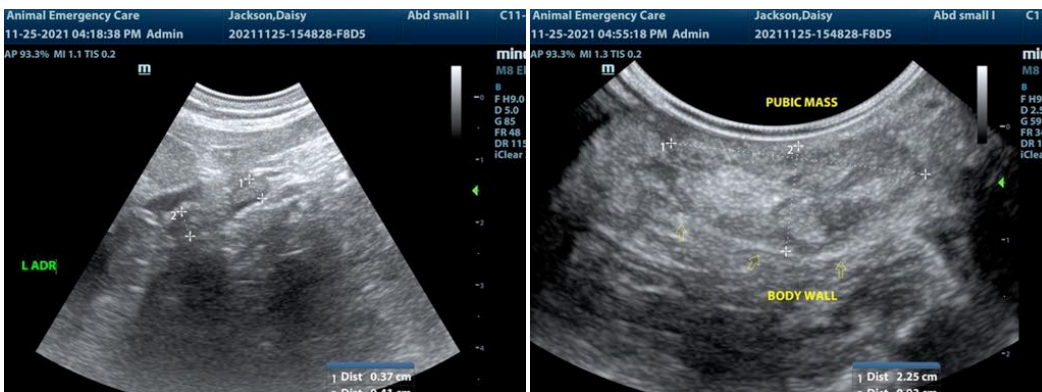
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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