



**PATIENT PRESENTING CLINICAL SIGNS**

Molly Hammond

Presented 8/3 with lethargy, anorexia, and fever 3 view abd rads: Mild aerophagia. Small gas dilations throughout small intestine. Small intestines are displaced ventrally and to the right side of the abd. Loss of serosal detail. Gas noted in descending colon w/ fecal material. Large soft tissue mass mid and left abd. Spleen appears mildly large. Liver appears wnl. Spondylosis of the spine noted at T12-13, L4-5, L5-6. Unable to visualize urinary bladder.

**SPECIES**

Canine

**BREED**

Labradoodle

Abnormal PE/Chem/CBC/UA Results: Intake labs: CBC: HCT-33.0% (L), HGB- 11.2 g/dL (L), MCV- 56.0 fL (L), MCH- 19.0 pg (L), RETIC- HGB- 19.2 pg (L) CHEM17: GLOB 4.6 g/dL (H) all other findings wnl EPOC: hct-35%, PCO2- 25.9 mmHg (L), TCO2- 16.1 mmol/L (L), BE ecf- 8.5 mmol/L (L) CPL: 138.9 ng/dL (normal) 8/4 3am EPOC: HCT 29% (L), Bicarb 17.8 (N), Ca 1.26 (N), Cl 115 (N), CREA 0.48 (N), Glu 111 (N), K+ 3.9 (N), Lact 1.86 (N), PCO2 26 (L), pH 7.445 (N), PO2 86 (H), BEecf -6.3 (L), BUN 14 (N) Mild anemia, increased respirations but not alkalosis

**SEX**

Spayed Female

**AGE**

8 Years

**WEIGHT**

77

**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.

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 9.1 cm. The left kidney measured 7.38 cm.

**IMAGING PERFORMED BY**

Cathy Carter

**Adrenal Glands**

The **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 1.76 cm x 0.94 cm at the caudal pole and 0.67 cm at the cranial pole. The right adrenal gland measured 0.60 cm.

**HOSPITAL NAME**

Willamette VH

**REFERRING VET**

Dr. Gary Jimmerson

**Spleen**

The **spleen** revealed a complex mixed echogenic expansive mass measuring 10+ cm. Regional inflammation noted around the mass. Echogenic free fluid noted, which would suggest hemorrhage.

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**Liver**

**DATE**

8/4/23

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



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Molly Hammond

regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable. No overt evidence of metastatic disease.

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Canine

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

**BREED**

Labradoodle

**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.

**SEX**

Spayed Female

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

8 Years

- Ruptured splenic mass, no overt organ metastasis
- Age related renal and hepatic changes

**WEIGHT**

77

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Chest radiographs with rapid echocardiogram warranted followed by exploratory splenectomy. Hemangiosarcoma or round cell neoplasia suspected. Benign hematoma possible yet less likely.

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Cathy Carter

**HOSPITAL NAME**

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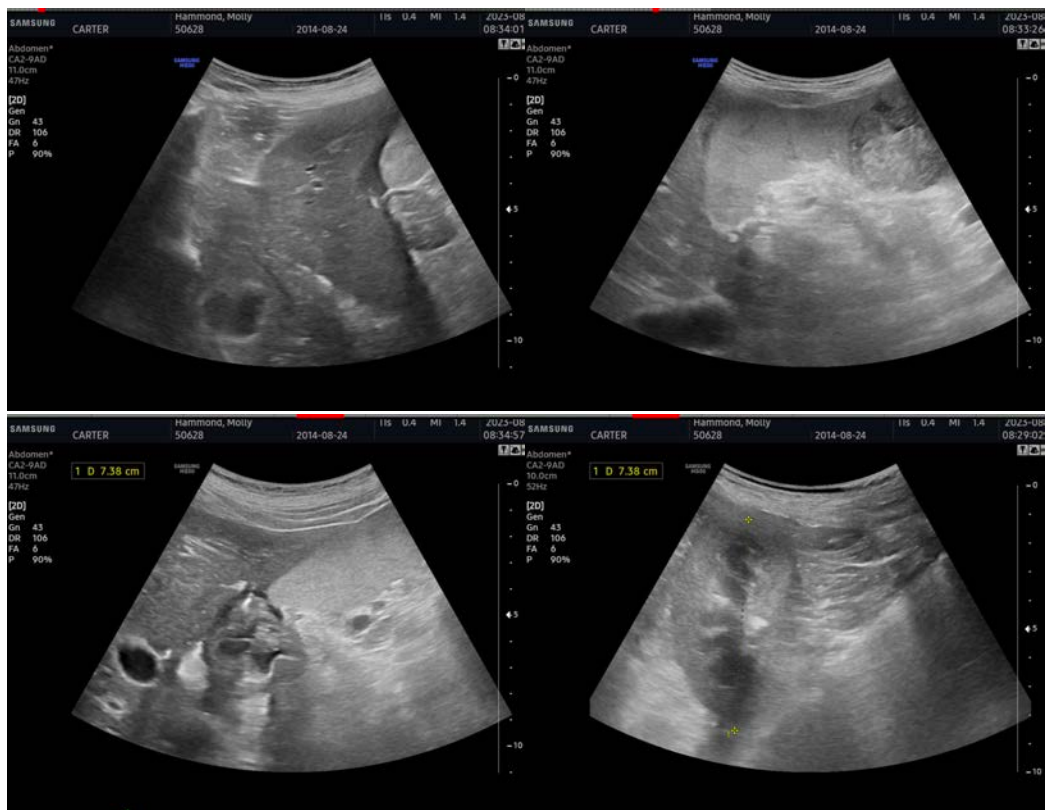
Dr. Gary Jimmerson

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**DATE**

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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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