

**PATIENT PRESENTING CLINICAL SIGNS**

Sandy Dillon History: Presents for lethargy and anorexia x 1 week. Thoracic radiographs at rDVM suggestive of cranial abdominal mass effect. Moderately hypercalcemic. Enlarged popliteal LNs

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine **Urinary System**

**BREED** The **urinary bladder** revealed a trace amount of bladder sand, measuring approximately 1.5 cm.

Labrador Retriever The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 7.33 cm. The right kidney measured 7.33 cm.

**SEX**  
Spayed Female

**Adrenal Glands**

**AGE** 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 0.82 cm at the caudal pole and 0.66 cm at the cranial pole. The left adrenal gland measured 0.7 cm at the caudal pole and 0.69 cm at the cranial pole.

7 Years

**WEIGHT**  
30.4 kg  
**Spleen**

The **spleen** was enlarged with scalloping contour and hypoechoic nodular changes, measuring up to 0.83 cm.

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS,  
CEO of SonoPath.com

**Liver**

The **liver** revealed uniform mild swelling with subtle micronodular changes and slight irregular contour. Minor gallbladder debris was noted.

**IMAGING PERFORMED BY**

Pamela Harrigan, RDCS

**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.

**HOSPITAL NAME**

Angell AMC

**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.

**REFERRING VET**

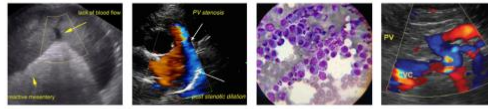
Shelby Scanlin, DVM

**Free Abdomen**

**INVOICE**

16741

**DATE**



**PATIENT**

Sandy Dillon

A mesenteric **lymph node** was enlarged and dramatically hypoechoic, measuring 1.6 cm x 4.0 cm. Other similar lymph nodes were enlarged. Iliac lymph nodes were also enlarged, measuring up to 1.7 cm in width.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

- Honeycomb splenic pattern
- Swollen irregular liver
- Multifocal lymphadenopathy
- Urinary bladder sand

**BREED**

Labrador Retriever

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Spayed Female

Strong concern for round cell neoplasia. FNA of the accessible lymph nodes, spleen and liver indicated. Lymphoma or similar is likely with mild potential for lymphadenitis/splenitis.

**AGE**

7 Years

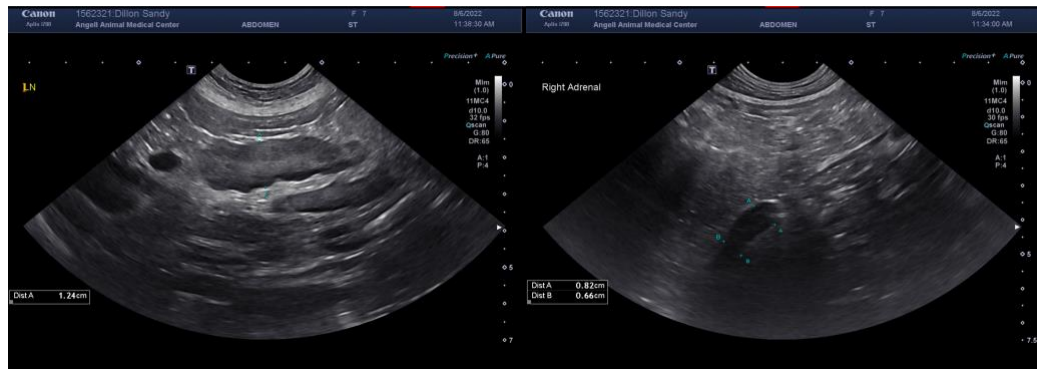


**WEIGHT**

30.4 kg

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**Eric Lindquist, DMV,**  
 DABVP, Cert. IVUSS,  
 CEO of SonoPath.com



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Pamela Harrigan, RDCS

**HOSPITAL NAME**

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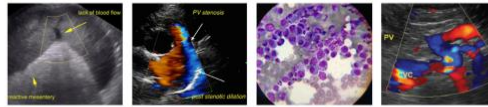
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**PATIENT**

Sandy Dillon

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Spayed Female

**AGE**

7 Years

**WEIGHT**

30.4 kg

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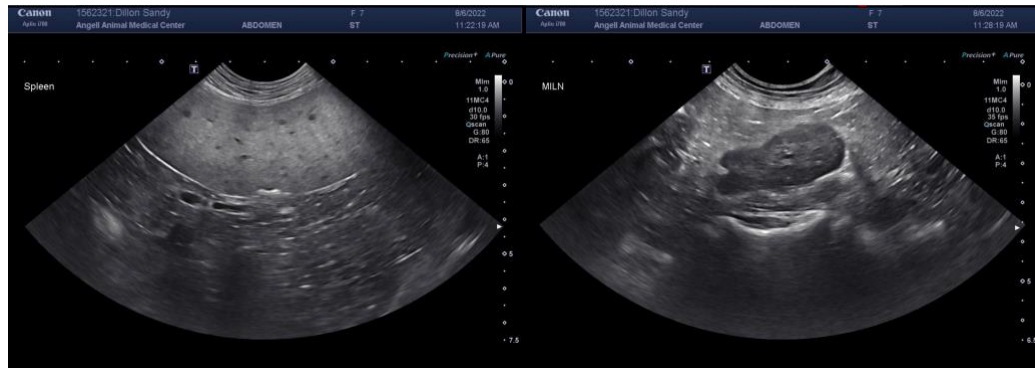
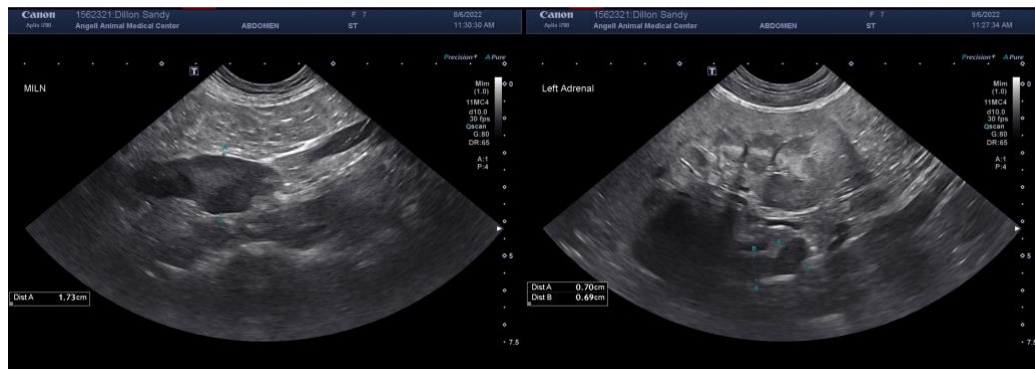
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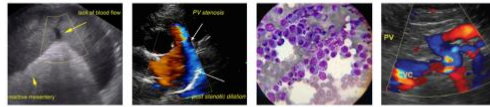
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**PATIENT**

Sandy Dillon

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.

**SPECIES**

Canine

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

**BREED**

Labrador Retriever

info@SonoPath.com

**SEX**

Spayed Female

**AGE**

7 Years

**WEIGHT**

30.4 kg

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