



**PATIENT**

Layla Murphy

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Female

**AGE**

9 Years

**WEIGHT**

66 Lbs.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Taylor Parker

**HOSPITAL NAME**

Lone Mountain AH

**REFERRING VET**

Dr. Taylor Parker

**INVOICE**

**DATE**

**PRESENTING CLINICAL SIGNS**

History: 2 day history of weak in hind limbs and falling over. Increased respiratory rate. Pale mucus membranes and free fluids in abdomen. X-rays show mass in mid abdomen

Abnormal PE/Chem/CBC/UA Results: HCT 31% RBC 4.6 PLT 51 GLU 147 Na 137 K 3.7 TP 5.0 GLOB 1.9

**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.

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 right kidney measured 6.0 cm. The left kidney measured 6.0 cm.

*Adrenal Glands*

Both **adrenal glands** were not visualized.

*Spleen*

Free fluid was noted with echogenic debris deriving from an expansive irregular 6+ cm **splenic** mass. A separate 5.8 cm splenic mass was noted with regional omental nodular changes.

*Liver*

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident. No obvious organ metastasis noted, however, micrometastasis is strong potential.

*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.

*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.



**PATIENT**

Layla Murphy

**ULTRASONOGRAPHIC FINDINGS**

- Multiple splenic masses with probable hemoabdomen

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Hematomas spread into the omentum is a strong concern. No obvious organ metastasis, however, micrometastasis cannot be ruled out. A rapid view of the right auricle (SDEP Position 3) of the heart and pericardium to ensure no obvious metastasis as well as three-view chest radiographs followed by exploratory surgery warranted.

**BREED**

Golden Retriever

**SEX**

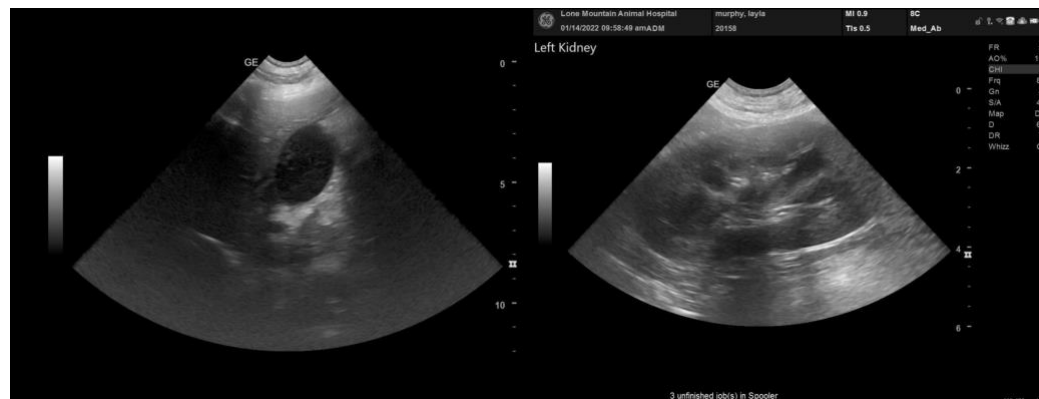
Female

**AGE**

9 Years

**WEIGHT**

66 Lbs.



**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS



**IMAGING PERFORMED BY**

Dr. Taylor Parker

**HOSPITAL NAME**

Lone Mountain AH



**REFERRING VET**

Dr. Taylor Parker

**INVOICE**

**DATE**



**PATIENT**

Layla Murphy

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Female

**AGE**

9 Years

**WEIGHT**

66 Lbs.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Taylor Parker

**HOSPITAL NAME**

Lone Mountain AH

**REFERRING VET**

Dr. Taylor Parker

**INVOICE**

**DATE**



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  
info@SonoPath.com