



**PATIENT**

Pepper Ulloa

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Female

**AGE**

11 Years 7 Months

**WEIGHT**

72.2 Pounds

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING PERFORMED BY**

Michaleen

**HOSPITAL NAME**

DPC Vet Hospital

**REFERRING VET**

Dr. Loduca

**INVOICE**

41931

**DATE**

10/9/22

**PRESENTING CLINICAL SIGNS**

Date: 8/13/2022 Reason for Visit: check growth History: P is a 11yo intact female coming to check new growth on the perianal area. O first notice the growth a week ago. No changes since. P doesn't seem bother by it, no scooting or licking the area. P if defecating normal, no diarrhea.  
 Abnormal PE/Chem/CBC/UA Results: Hydration: Normal based on skin turgor Mentation: BAR EENT: no discharge from eyes or nose. Ears clean and free of inflammation Oral Cavity: Moderate dental calculus Lymph Nodes: No peripheral lymphadenopathy appreciated Skin: subcutaneous mass on neck, soft subcutaneous mass on right ventral abdomen. firm mass associated with right mammary #5 (o notes has been there a while with no change in size), Large firm mass at perineum consistent with left anal gland (7 o'clock) CV/Respiratory: No murmurs or arrhythmias. eupneic. normal bronchovesicular sounds Abd/GI: Soft, non-painful. No masses or other abnormalities palpated Uro/Perineum: See Skin description for mass associated with anal gland Musculoskeletal: Ambulatory x 4. Neurological: No neurologic abnormalities noted. Rectal: firm mass felt on rectal palpation consistent with left anal gland  
 SEE SURGEONS CONSULT NOTES FROM 8/17/22 Testing Performed: adult annual plus Results: CBC: unremarkable Chem: Glob 4.3 (2.4-4.0), Amylase 1487 (337-1469), rest WNL TT4: 5.1 (adjusted R.I. = 2.1-5.4) Recommendations: OK for surgery (spay), continue current dose of thyro tabs Retesting Needed? check T4 in 6 months

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

No evidence of medial iliac or sublumbar lymphadenopathy/masses.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.5 cm. The right kidney measured 6.9 cm.

**Adrenal Glands**

The left adrenal gland is overtly normal in size, position, and shape, measuring 0.70 cm at the caudal pole. No overt pathology in the area of the right adrenal gland, although not definitively visualized.

**Spleen**

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

**Liver**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



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**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

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Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

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Labrador Retriever

**Pancreas**

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

**SEX**

Female

**Free Abdomen**

No omental masses, lymphadenopathy, or peritoneal free fluid.

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**ULTRASONOGRAPHIC FINDINGS**

- Sonographically unremarkable abdomen

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Largely mild geriatric abdomen without evidence of visceral pathology, including no evidence of neoplastic or metastatic criteria.

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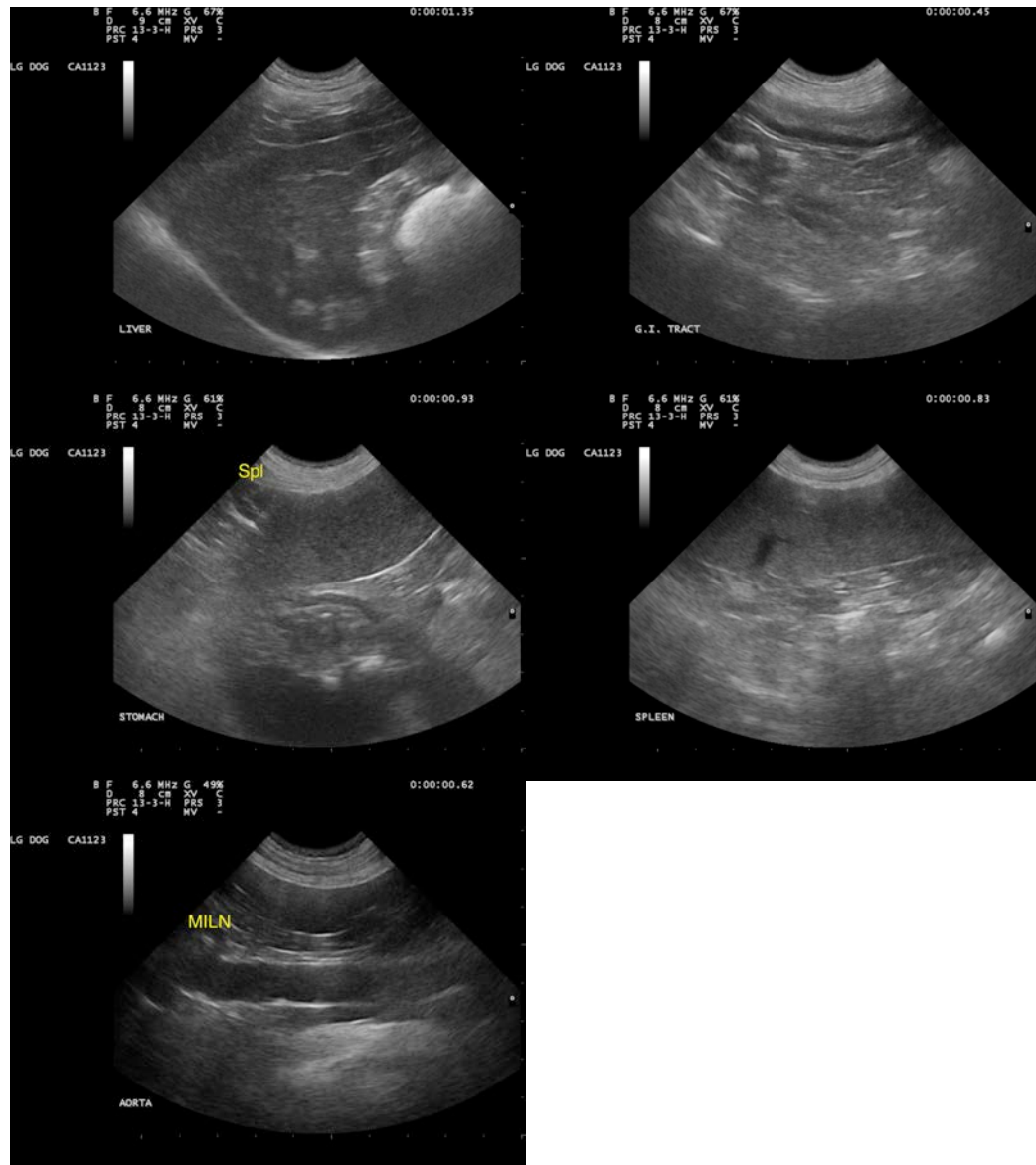
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**

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