



**PATIENT**

Muneco Ortiz

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

MN

**AGE**

16 yr

**WEIGHT**

53.4 lb

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Ferrer DVM

**HOSPITAL NAME**

Paseos Veterinary  
Center

**REFERRING VET**

Dr Ferrer

**INVOICE**

10692ag

**DATE**

05/30/2022

**PRESENTING CLINICAL SIGNS**

History: Presented on May 27, 2022, for general evaluation and to evaluate the hindlimbs as pt is slowing down. BW and radiographs were taken. Upon evaluation of the Abd/Hips radiographs, a soft tissue mass was noticed on the cranial abdomen. The ultrasound was done to further evaluate the mass. PT was not on any medication except that we just started Rimadyl for arthritis on the stifles and hips. Abnormal PE/Chem/CBC/UA Results: PE: Minimal muscle atrophy on hindlimbs and medial buttress bilateral. BW: CBC: Hematocrit 30.8 (37.3 - 61.7 %), Hemoglobin 10.6 (13.1 - 20.5 g/dL), MCV 54.8 (61.6 - 73.5 fL), MCH 18.9 (21.2 - 25.9 pg), RDW 22.1 (13.6 - 21.7 %) CHEM: BUN 35 (7 - 27 mg/dL) Rest was wnl

**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 left kidney measured 6.95 cm in length. The right kidney measured 6.23 cm in length.

The residual prostate was uniform measuring 1.16 cm in width.

**Adrenal Glands**

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 0.61 cm. The right adrenal gland measured 0.66 cm.

**Spleen**

The spleen exhibited a 11 cm parenchymal mass deriving from the caudal pole of the spleen. Free fluid was noted around the spleen.

**Liver**

The liver was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia. Minor gallbladder sludge was observed. A minor gallbladder polyp was noted.

No obvious evidence of metastatic disease was noted.

**Gastrointestinal**



**PATIENT**

Muneco Ortiz

Examination of the gastrointestinal tract revealed a full 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.

**SPECIES**

Canine

**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.

**BREED**

Golden Retriever

**SEX**

MN

- Splenic mass with free fluid likely owing to rupture. Hemangiosarcoma vs benign hematoma or hyperplastic mass.
- Occasional bilateral cortical cysts noted
- No obvious evidence of metastatic disease
- Rapid view of the heart revealed no evident pathology in the right auricle and pericardium

**AGE**

16 yr

**WEIGHT**

53.4 lb

**ULTRASONOGRAPHIC FINDINGS**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Three view thoracic radiographic and exploratory splenectomy is indicated.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**  
Dr. Ferrer DVM

**HOSPITAL NAME**

Paseos Veterinary  
Center

**REFERRING VET**

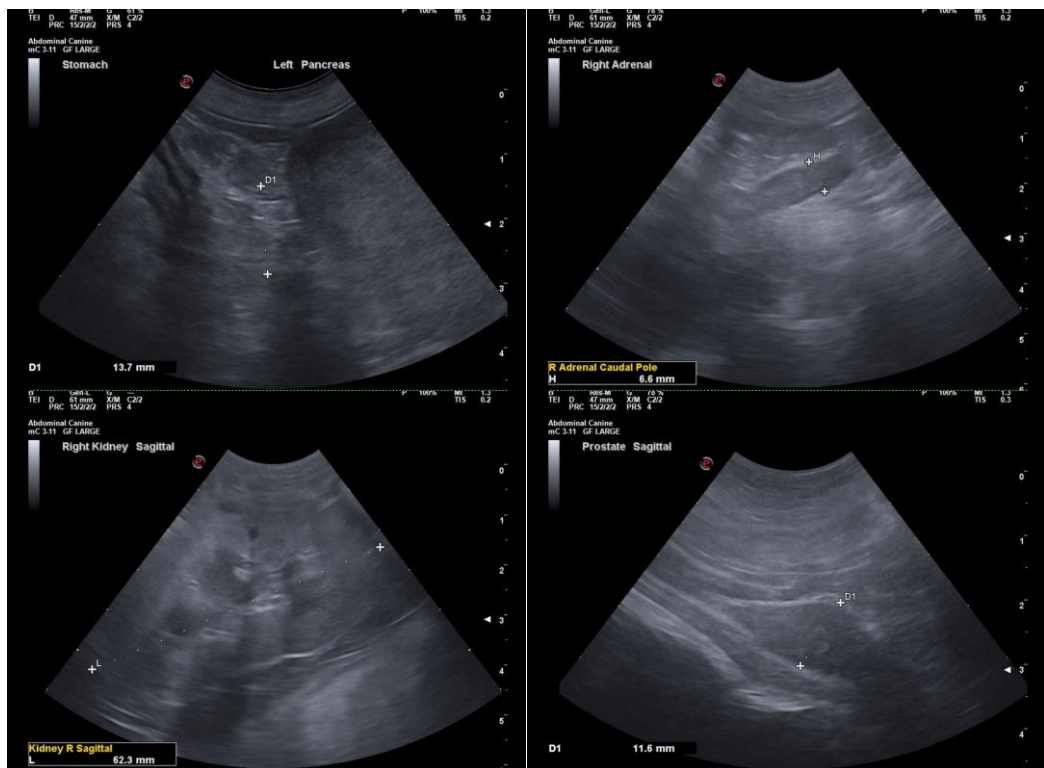
Dr Ferrer

**INVOICE**

10692ag

**DATE**

05/30/2022





**PATIENT**

Muneco Ortiz

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

MN

**AGE**

16 yr

**WEIGHT**

53.4 lb

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**  
Dr. Ferrer DVM

**HOSPITAL NAME**

Paseos Veterinary  
Center

**REFERRING VET**

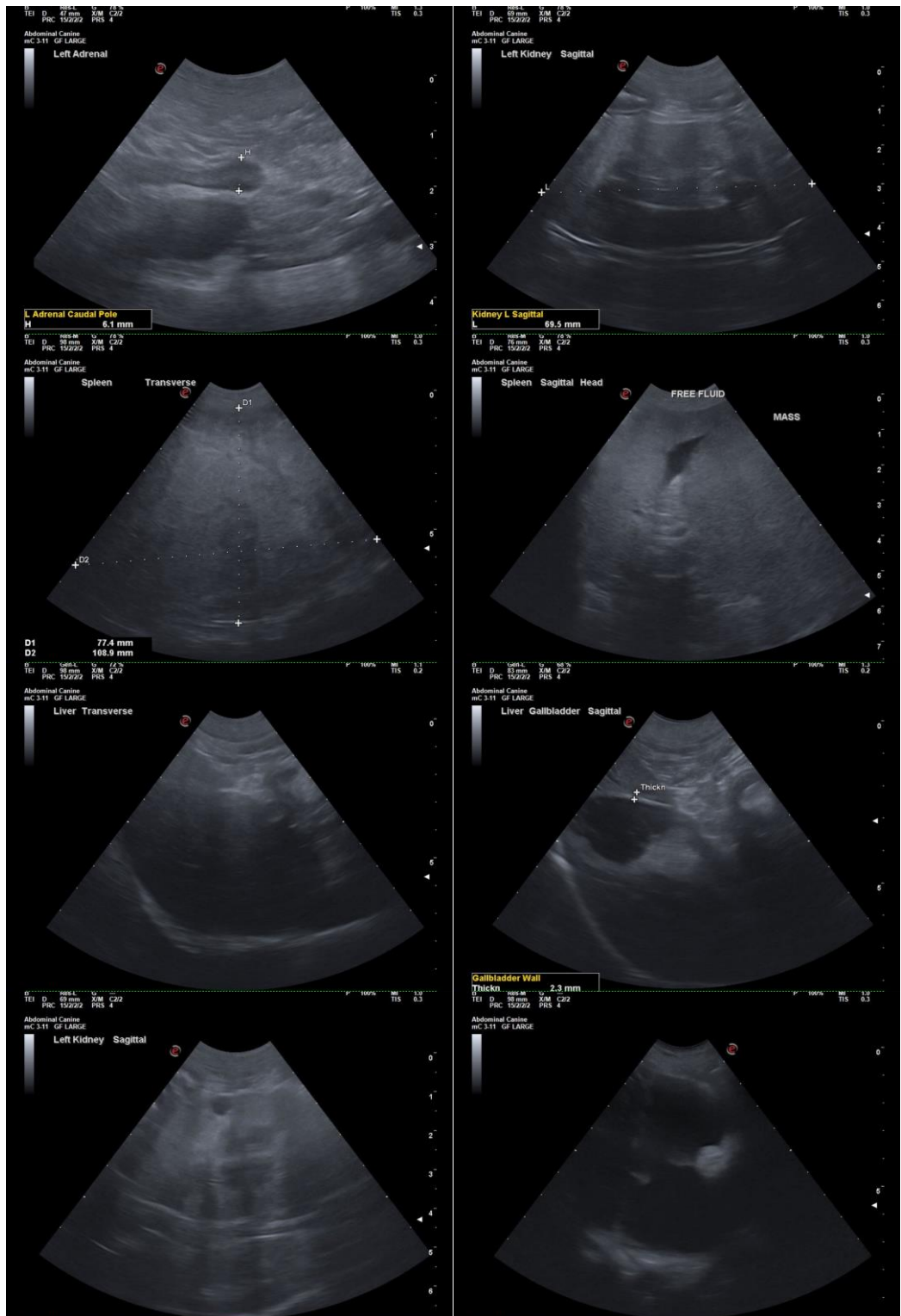
Dr Ferrer

**INVOICE**

10692ag

**DATE**

05/30/2022



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.



**PATIENT**

Muneco Ortiz

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.

**SPECIES**

Canine

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

**BREED**

Golden Retriever

**SEX**

MN

**AGE**

16 yr

**WEIGHT**

53.4 lb

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Ferrer DVM

**HOSPITAL NAME**

Paseos Veterinary  
Center

**REFERRING VET**

Dr Ferrer

**INVOICE**

10692ag

**DATE**

05/30/2022