



PATIENT

Fausto Laureano

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

14 Years

WEIGHT

49.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. G. Ferrer

HOSPITAL NAME

Paseos Vet Center

REFERRING VET

Dr. H Castas

INVOICE

25762

DATE

9/23/21

PRESENTING CLINICAL SIGNS

Presented for abdominal ultrasound as a referral. Pt has decreased appetite and O has noticed that pt has developed abdominal distension. No diarrhea, but a recent vomit was noticed (bile like). At the referring veterinarian abdominal rads were taken and possible liver and or stomach mass was noticed. Abnormal PE/Chem/CBC/UA Results: CBC/CHEM --- results pending

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 residual prostate was uniform at 0.93 cm.

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. The right kidney measured 6.0 cm. The left kidney measured 6.13 cm with trace pyelectasia noted.

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 right adrenal gland measured 0.55 cm. The left adrenal gland measured 0.51 cm.

Spleen

The **spleen** was folded upon itself caudally and presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** presented increased portal markings. Minor uniform hepatic swelling noted. The caudate process revealed a mild irregular swelling at 6.85 cm x 4.4 cm. However, curvilinear patterns were largely maintained. This may be a benign swelling. The vena cava was dilated at 1.3 cm, consistent with passive congestion. Hepatic veins were also dilated. The gallbladder presented acceptably thin walls with primarily anechoic content. Gallbladder wall measured 0.24 cm. The cystic and common bile ducts were normal. Hepatic lymph nodes were slightly enlarged up to 0.84 cm.

Pericardial effusion was noted through the diaphragm.

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.



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Pancreas

Mild heterogeneous **pancreatic** changes noted, not likely a clinical issue at this time.

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Free Abdomen

Free fluid noted in the abdomen. Minor reactive lymph nodes noted in the mesenteric root and liver.

Rapid view of the heart revealed collapse of the right auricle, which would suggest tamponade effect.

BREED

Mixed

ULTRASONOGRAPHIC FINDINGS

- Ascites
- Moderate passive congestion liver pattern with caudate swelling
- Mild heterogeneous pancreas
- Reactive lymph nodes
- Pericardial effusion in transdiaphragmatic view

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

14 Years

Recommend full echocardiogram to assess for causes of pericardial effusion. FNA of the hepatic swelling could also be considered. Further imaging recommended to assess for right auricular masses.

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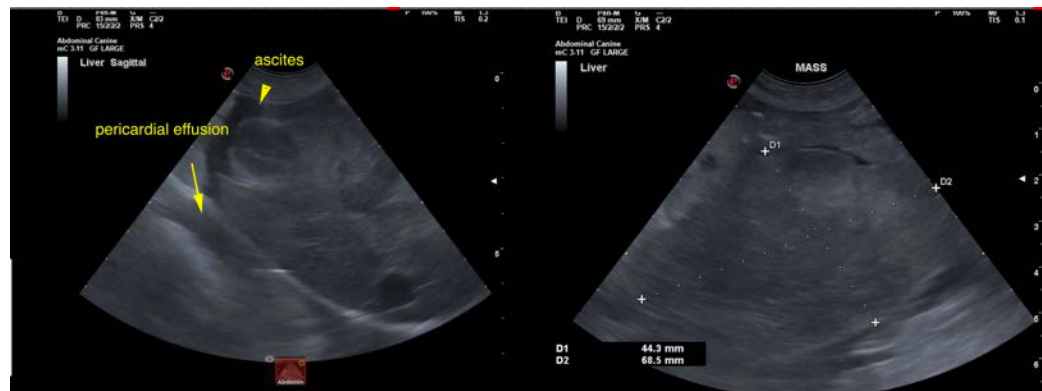
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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