


PATIENT

Oliver Chan

SPECIES

Canine

BREED

Bulldog

SEX

Neutered male

AGE

10 years

WEIGHT

30 kg

INTERPRETED BY

 Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Catarig

HOSPITAL NAME

 West Coast Veterinary
Ultrasound

REFERRING VET

Dr. Catarig

INVOICE

96510

DATE

3/1/22

PRESENTING CLINICAL SIGNS

GI symptoms, on and off RDVM noted distended abdomen, fluid wave
Abnormal PE/Chem/CBC/UA Results: inflammation on CBC,(neutrophilia, monocytosis) low platelets; mild increase in Calcium, mild decrease in TP 52 (55- 75), Albumin low normal 27 (27-39 G/L) Alb/Glob -1.1- normal . Glob normal , normal liver, Kidney enzymes , rest of bw normal Abdominocentesis - clear, serosanguinolent fluid - ascites Focal Echo : no pericardial effusion, no DCM, no heart base tumors

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 was 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 4.7 cm. The right kidney measured 5.0 cm.

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 0.58 cm. The right adrenal gland measured 0.6 cm.

Spleen

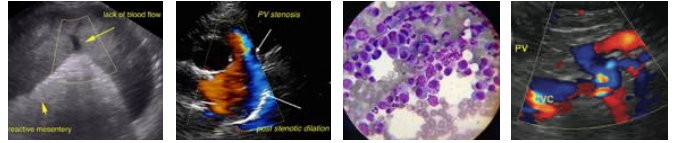
The **spleen** revealed a hypoechoic, target type nodule that measured 1.13 cm.

Liver

The **liver** did not reveal any evidence of passive congestion. Mild, coarse echotexture was noted. The gallbladder and common bile duct were unremarkable. The gallbladder was mildly thickened with a mild amount of debris.

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.



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Pancreas

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Heterogenous **pancreatic** changes were noted, yet the pancreas was somewhat nebulous owing to regional, hyperechoic surrounding mesentery.

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Free Abdomen

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Iliac lymph nodes were mildly enlarged and measured 0.77 cm. A large amount of ascites was noted in the abdomen.

SEX

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Free fluid with target type splenic lesion.

Heterogenous pancreatic changes.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are most consistent with carcinomatosis or similar. The albumin level is not low enough to cause spontaneous fluid accumulation. Cytospin of the free fluid is recommended with immediate slide preparation to assess for neoplastic cells such as carcinomatosis, lymphomatosis or similar. FNA of the splenic nodule is warranted as well. The prognosis is guarded to poor.

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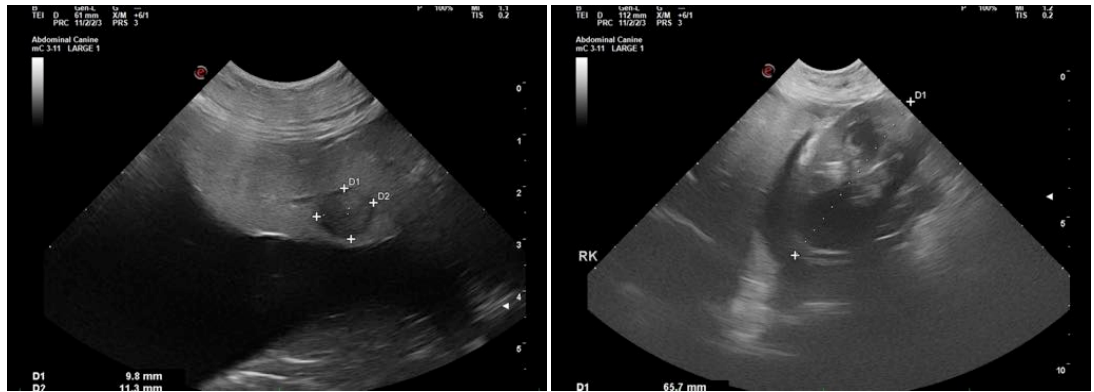
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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