



PATIENT

Marley Waters

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

10 Years

WEIGHT

13.61 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Schwanebeck

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Dr. Schwanebeck

INVOICE

33893

DATE

12/31/21

PRESENTING CLINICAL SIGNS

PP for eval of a 3 day hx of anorexia and a two week hx of declining per O. Saw rDVM 12/29/21 and placed on famotidine and metronidazole. Per O no Improvement
Abnormal PE/Chem/CBC/UA Results: PE: Mid abdomen mass affect Xray: moderate diffuse liver and spleen enlargement. Suspect gallbladder sludge. Bloodwork: ALP mild elevation(266); RBC mildly decreased(4.85); Low platelet count (34, sending blood smear to scopio for conformation); aPTT >200 seconds

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 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 and no evidence of pelvic dilation was present. Calculi noted in both kidneys, non-obstructive. The kidneys measured 5.0 cm each.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** was enlarged with scalloping contour. Irregular swelling noted with enhanced surrounding mesentery. Echogenic debris noted within the splenic vein, suspect thrombus. Power doppler of the splenic vein recommended to assess for thrombosis.

Liver

The **liver** was enlarged with scalloping contour. Generalized hepatomegaly present The gallbladder presented a mild amount of grouped debris measuring 2.5 cm, non-obstructive.

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 **pancreas** was mildly heterogeneous. Secondary inflammation suspected.

ULTRASONOGRAPHIC FINDINGS

- Splenohepatic infiltrative pattern



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Plasma transfusion and Vitamin K supplementation recommended. If the coagulation parameters and platelet count normalize, then 25-gauge FNA spleen and liver recommended. Suspect round cell neoplasia/lymphoma.



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