

PATIENT

Ice Kent

PRESENTING CLINICAL SIGNS

History of lethargy, thrombocytopenia, anemia and fever. Decreased RBC, decreased HCT and decreased platelets. WBC increased

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Golden Retriever

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.

SEX

Spayed female

AGE

7 years

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. The left kidney measured 7.0 cm. The right kidney measured 8.4 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 2.28 x 0.75 cm. The right adrenal gland measured 2.5 x 1.0 cm at the cranial pole and 0.6 cm at the caudal pole.

IMAGING PERFORMED BY

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HOSPITAL NAME

Franklin Lakes AH

Spleen

The **spleen** was mildly enlarged with hypoechoic nodules. The splenic nodules were non-disruptive and measured up to 1.32 cm with swollen contour.

REFERRING VET

Dr. Mastrascusa

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. The hepatic lymph node was enlarged and measured 3.58 x 0.81 cm.

INVOICE

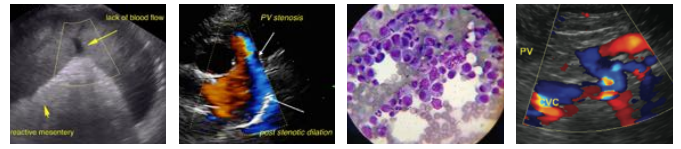
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DATE

8/17/23

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



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

SPECIES

Canine

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

ULTRASONOGRAPHIC FINDINGS

Mild hypersplenism with nodular change.

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Slight hepatic lymphadenopathy.

Otherwise, geriatric abdomen.

AGE

7 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the very low platelet count 70000 platelets are necessary for FNA along with coagulation panel. CBC path review with bone marrow aspirate would be ideal. If the platelet count is able to be reached at 70,000 then FNA of the spleen and liver is indicated for screening purposes.

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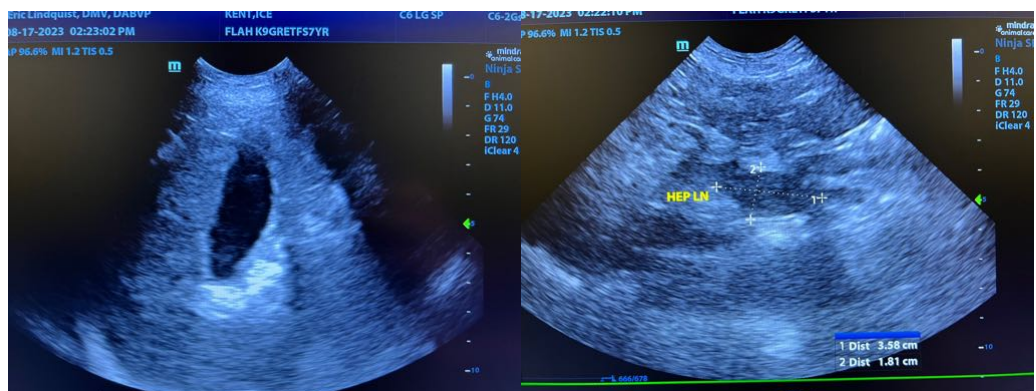
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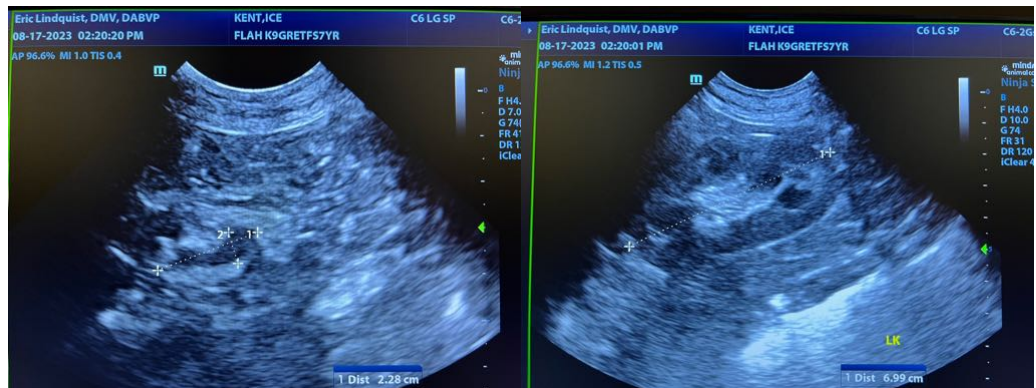
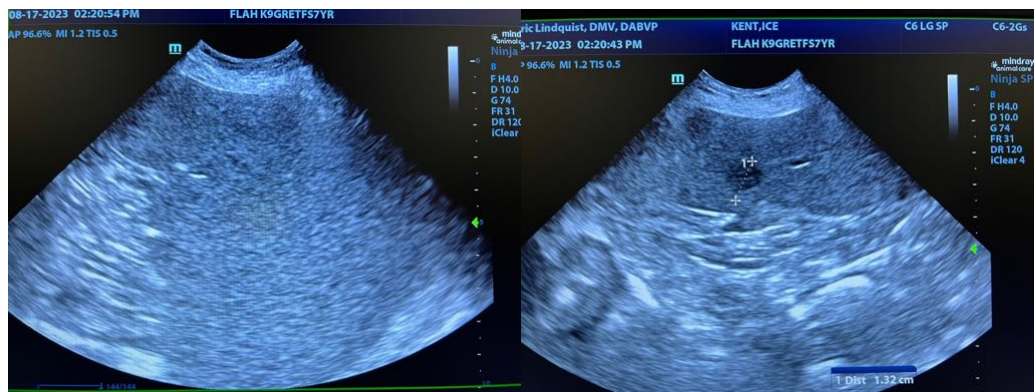
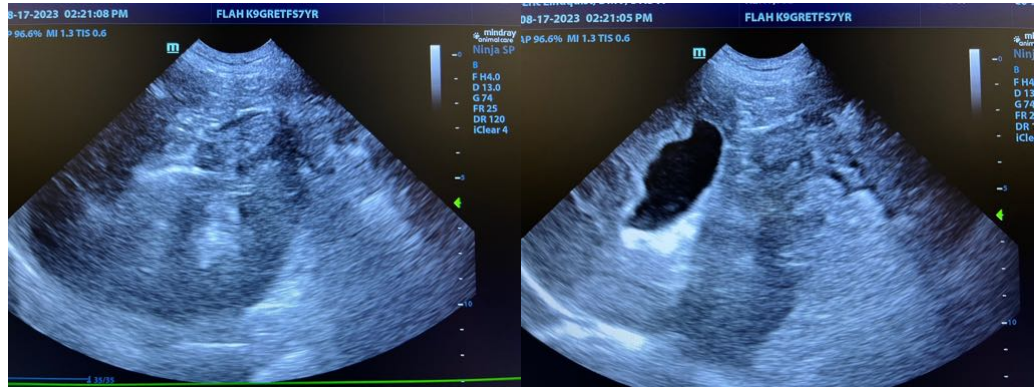
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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