



PATIENT

Cupcake Funk

SPECIES

Canine

BREED

Yorkie

SEX

Spayed Female

AGE

13 years

WEIGHT

8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Mack

INVOICE

96015

DATE

2/12/22

PRESENTING CLINICAL SIGNS

Anorexic
Abnormal PE/Chem/CBC/UA Results: Leukocytosis with neutrophilia and lymphopenia Elevated Lipase

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 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight pinpoint mineralization was noted in the left kidney and was non-obstructive. Slight cortical cyst was noted in the left kidney. The right kidney measured 4.0 cm with occasional cortical cyst.

Adrenal Glands

The left **adrenal gland** was irregular and swollen measuring up to 0.8 cm at the caudal pole. The right adrenal gland was mildly enlarged and slightly irregular measuring up to 0.9 cm.

Spleen

The **spleen** 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 was noted.

Liver

The **liver** revealed multi-focal, hypoechoic nodular changes some of which disrupted the architecture. The gallbladder was unremarkable.

Gastrointestinal

The stomach revealed a minor amount of stasis in the gastric fundus. The pylorus appeared free of evident pathology.



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Pancreas

The **pancreas** revealed hypoechoic parenchyma in the right base with enhanced surrounding mesentery and irregular contour. Enhanced mesentery was noted around the right pancreatic limb.

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ULTRASONOGRAPHIC FINDINGS

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Age related abdominal changes with swollen adrenal glands.

Pancreatitis presentation with gastric stasis.

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Nodular hyperplasia liver pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

13 years

24-hour n.p.o. GI protectants and IV fluid support is all indicated. If the patient appears Cushingoid and urine specific gravity is less than 1.020 eventual work-up for PDH is indicated. FNA of the liver nodules would be ideal especially if any weight loss is an issue.

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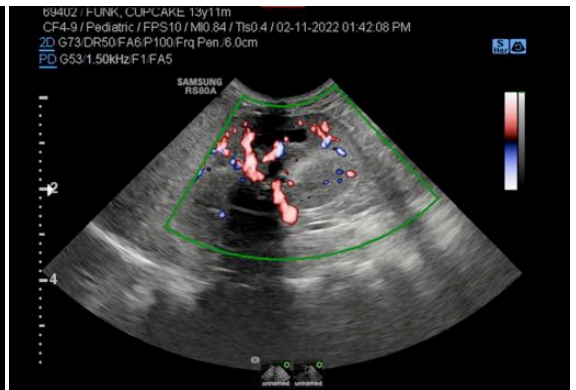
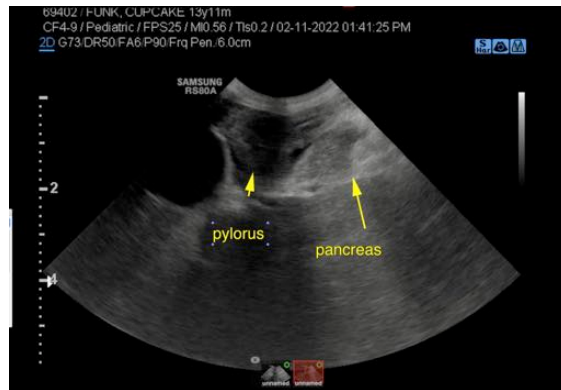
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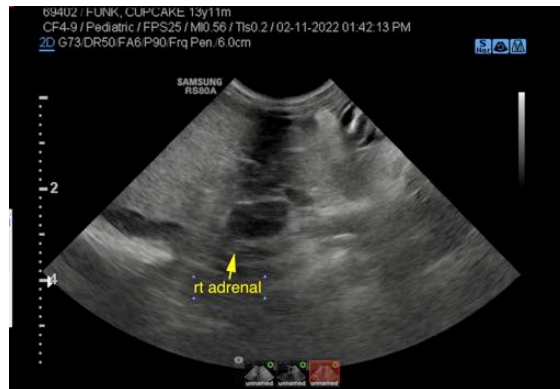
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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