



PATIENT

Zoey Smith

SPECIES

Canine

BREED

Pitbull

SEX

Spayed female

AGE

7 years

WEIGHT

75 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Mack

INVOICE

32017

DATE

7/27/22

PRESENTING CLINICAL SIGNS

History: Patient is vomiting bile and is uncomfortable. Lethargic and unsteady when walking. Possible blood in stool per O.

Abnormal PE/Chem/CBC/UA Results: CBC/CHEM: Phos 7.1, ALT 284, AMYL 1649, LIPA 2035. Xray: Suspect thoracic and abdominal mass.

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 4.0 cm. The right kidney measured 4.0 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 0.4 cm. The right adrenal gland measured 0.4 cm.

Spleen

The **spleen** was uniform and measured 2.0 cm.

Liver

The **liver** was mildly swollen with coarse architecture and increased portal markings. Free fluid was noted between the liver lobes. The gallbladder was double layered and edematous.

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

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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.

SPECIES

Canine

Free Abdomen

BREED

Pitbull

Free fluid was noted in the abdomen adjacent to the spleen.

SEX

Spayed female

Chronic inflammatory hepatopathy with edematous gallbladder.

Secondary ascites.

AGE

7 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chronic cholangitis is suspected. Occult neoplasia such as round cell neoplasia is possible, Bile acid profile is indicated. Free fluid may be owing to portal hypertension. There was no evidence of passive congestion in the liver. FNA of the spleen, liver and abdominocentesis is warranted. The prognosis is guarded.

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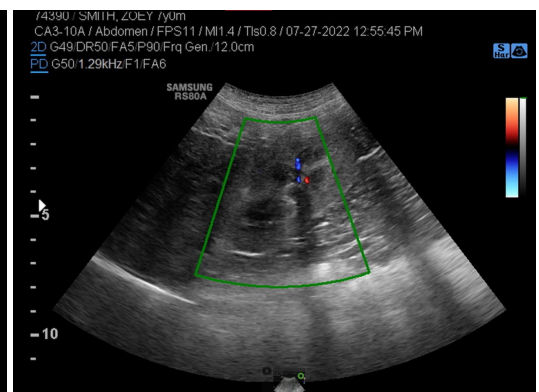
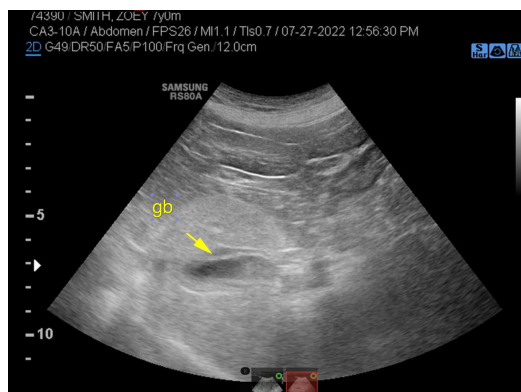
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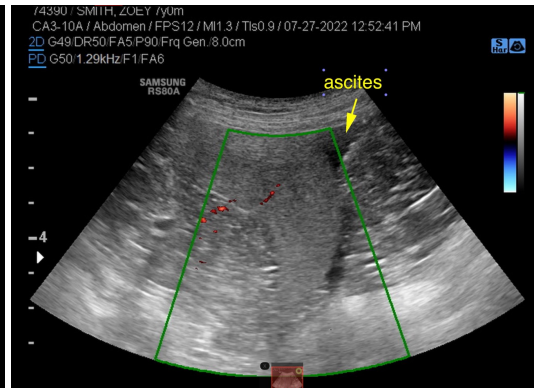
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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