



PATIENT

Cody Gallego

SPECIES

Canine

BREED

Maltipoo

SEX

Intact Male

AGE

11 Years

WEIGHT

15.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. John Ammeraal

HOSPITAL NAME

Sova Animal Hospital

REFERRING VET

Dr. John Ammeraal

INVOICE

33200

DATE

12/2/21

PRESENTING CLINICAL SIGNS

Was seen a couple weeks ago for limping, has hx of chronic allergies. Has always been thin according to owner. Bilateral Grade 3 MPL's, Give a course of Novox 25 mg 1 SID for 14 days, Owner didn't finish it. He has had diarrhea for week now and his appetite has been poor, BW 13.7 lbs after removal of 400 mls Strawberry colored fluid from abdomen post scan

Abnormal PE/Chem/CBC/UA Results: BC3 3/9, Muscle wasting, Abdomen firm on palpation, poss mass effect noted, Labwork pending

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 prostate was enlarged, irregular and mineralized with regional inflammation, measuring approximately 4.0 cm in depth. Consistent with prostatic carcinoma.

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. A cortical infarct was noted at the caudal pole of the right kidney. The right kidney measured 4.42 cm. The left kidney measured 4.58 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 right adrenal gland measured 1.62 cm x 0.55 cm at the cranial pole and 0.56 cm at the caudal pole. The left adrenal gland measured 1.47 cm x 0.53 cm at the cranial pole and 0.41 cm at the caudal pole.

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 were noted.

Liver

The **liver** was coarse in architecture with multifocal nodular changes and hypovascular parenchyma. The gallbladder was unremarkable.

Pancreas/Gastrointestinal

Nodular omental changes noted throughout the **pancreas** with coalescing omentum, obscuring much of the pancreas and upper **gastrointestinal** tract. Portions of intestine appeared to be spastic, yet tethered by the omental changes.



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Free Abdomen

Cody Gallego

A large amount of echogenic free fluid was noted in the abdomen.

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ULTRASONOGRAPHIC FINDINGS

- Abdominal carcinomatosis type presentation with prostatic mass and nodular pancreatic, hepatic and omental changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Repeat abdominocentesis with cytospin recommended with immediate slide preparation for definitive diagnosis +/- FNA of the liver and prostate. Prognosis is poor.

SEX

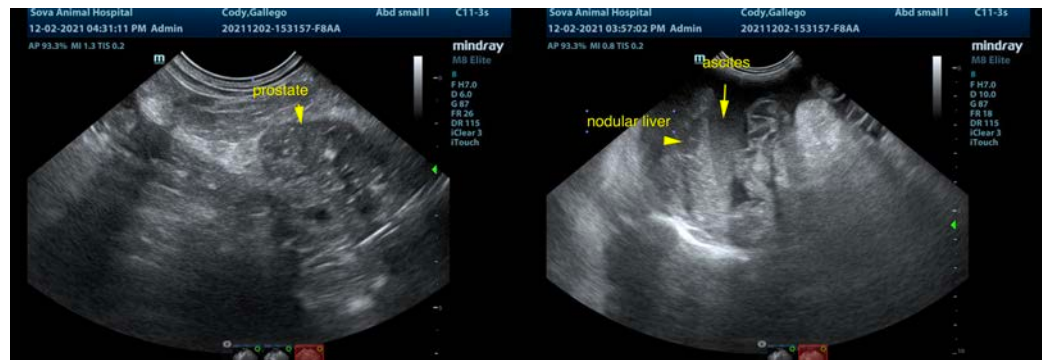
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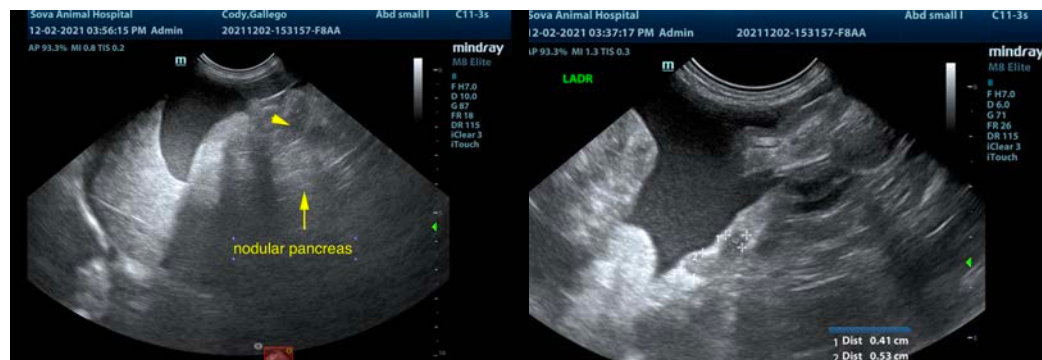
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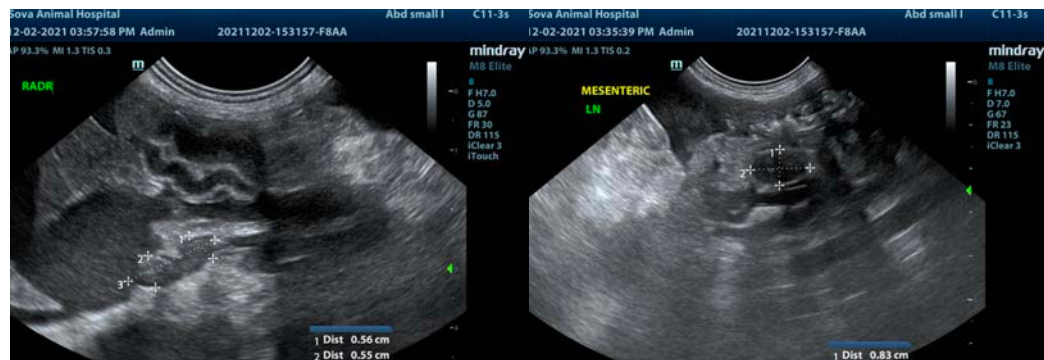
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com