



PATIENT PRESENTING CLINICAL SIGNS

Casper Borges Pancreatitis, azotemia, declining

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine 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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

BREED

Coton

SEX

Neutered Male

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. The left kidney measured 5.45 cm. The right kidney measured 5.5 cm.

AGE

9 Years

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 0.63 cm. The right adrenal gland measured 0.44 cm.

WEIGHT

18 Pounds

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

The **liver** was uniform, yet the biliary tract was obscured by regional hyperechoic, ill-defined tissue consistent with peritonitis. The gallbladder was overdistended with suspended echogenic debris with significant inflammation noted around the gallbladder, pancreas and pyloric outflow with indiscernable tissue consistent with necrosis. Extensive peritonitis present with regional free fluid. This may be deriving from the biliary tract.

IMAGING PERFORMED BY

Lara Wiseman

HOSPITAL NAME Gastrointestinal/Pancreas

Heron Lakes AH

An extensive, mixed hypoechoic, undifferentiated pancreatic pathology was noted in the right base and cranial abdomen and left base of the pancreas, enveloping the upper gastrointestinal tract, which was considerably thickened. The stomach revealed some shadowing material. Embedded foreign matter/foreign body underlying all of this pathology is a possibility.

REFERRING VET

Heron Lakes AH

ULTRASONOGRAPHIC FINDINGS

- Extensive peritonitis and free fluid
- Gallbladder debris and significant inflammation
- Possible gastric foreign body

INVOICE

33433

DATE

12/15/21



PATIENT

Casper Borges

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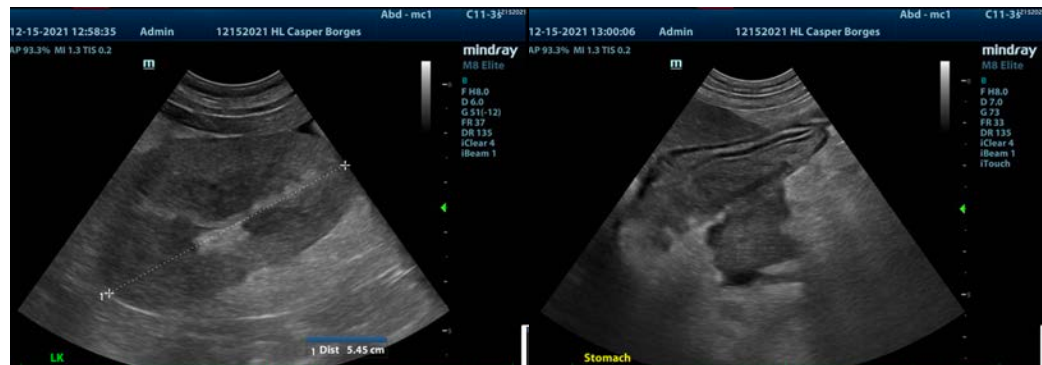
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend immediate exploratory surgery in this patient with plasma transfusion prior to surgery, aggressive antibiotic therapy, and expectation towards cholecystectomy, tissue debridement, and gastroenterotomy if possible. However, there is approximately 10 cm of extensive pathology in the cranial abdomen, enveloping all viable structures. Prognosis is extremely guarded to poor. The patient is at risk for sudden death.





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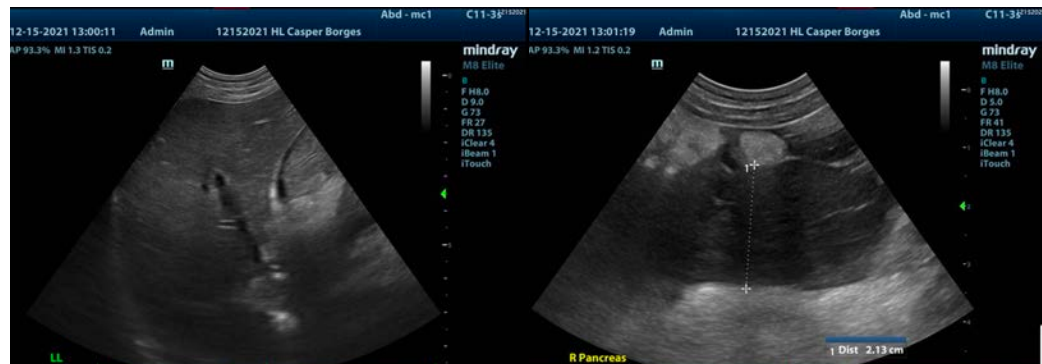
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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