



**PATIENT PRESENTING CLINICAL SIGNS**

Jasper Costa History: Increased liver enzymes and distended abdomen

**SPECIES** ALKP 1298, ALT 131, bile acids pre-sample 13.7

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED** *Urinary System*

Pitbull The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. 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**

Neutered male The residual prostate measured 0.5 cm.

**AGE**

13 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.07 cm with slight areas of mineralization. The right kidney measured 6.99 cm.

**WEIGHT**

74.8 lbs

**Adrenal Glands**

**INTERPRETED BY**

Eric Lindquist, DMV DABVP, Cert. IVUSS 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 3.26 x 0.72 cm at the caudal pole and 0.78 cm at the cranial pole. The right adrenal gland measured 2.3 x 0.88 cm at the caudal pole and 0.82 cm at the cranial pole.

**IMAGING PERFORMED BY**

Jessica Miller, RDMS

**Spleen**

**HOSPITAL NAME**

BPH Bridgewater 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.

**REFERRING VET**

Dr. Baker

**Liver**

**INVOICE**

92435 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 and common bile duct were unremarkable.

**DATE**

10/18/21



**PATIENT** *Gastrointestinal*

Jasper Costa

The **stomach** was filled with shadowing material that is suspected to be ingesta. However, if the patient was n.p.o. at the time of the sonogram then foreign matter is a potential. Transit of chyme into the small intestine was noted. There was no evidence of obstruction. The colon appeared normal.

**SPECIES**

Canine

*Pancreas*

**BREED**

Pitbull

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.

**SEX**

Neutered male

**ULTRASONOGRAPHIC FINDINGS**

Full stomach.

**AGE**

13 years

Geriatric abdomen with mild to moderate hepatic remodeling.

**WEIGHT**

74.8 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

If the patient was n.p.o. at the time of the sonogram then soft foreign matter is a possibility in the stomach. Otherwise, this is post prandial presentation. No specific therapy is recommended.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jessica Miller, RDMS

**HOSPITAL NAME**

BPH Bridgewater

**REFERRING VET**

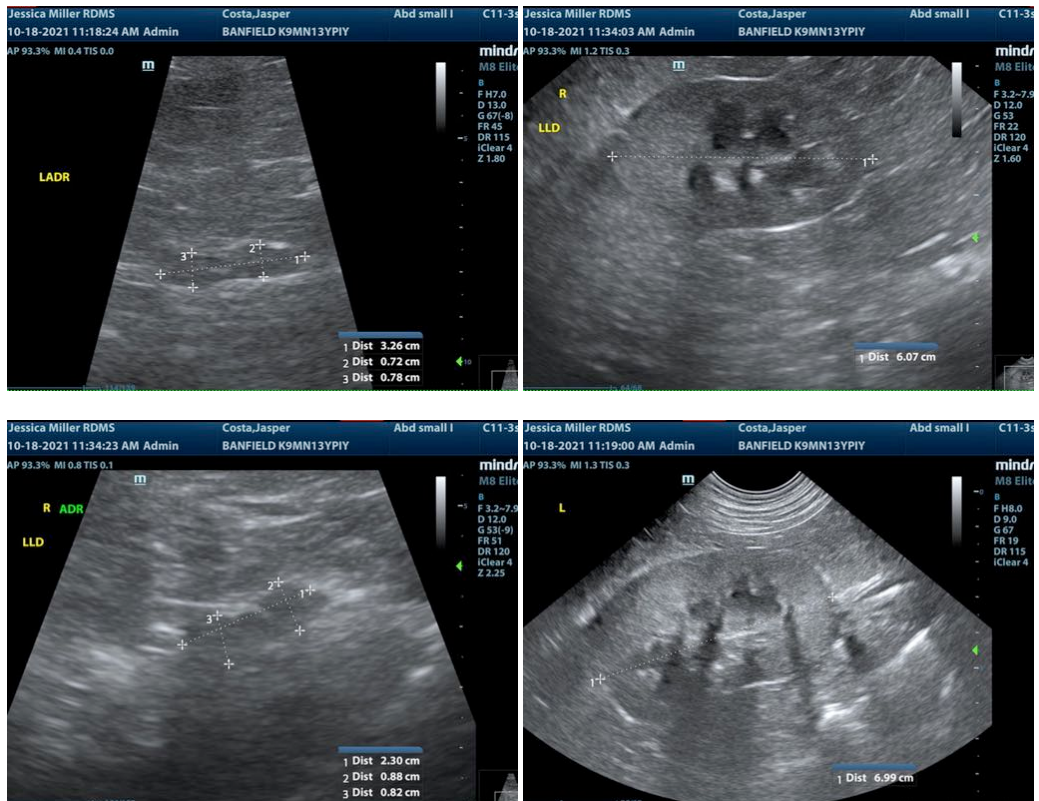
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**PATIENT**

Jasper Costa

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

Neutered male

**AGE**

13 years

**WEIGHT**

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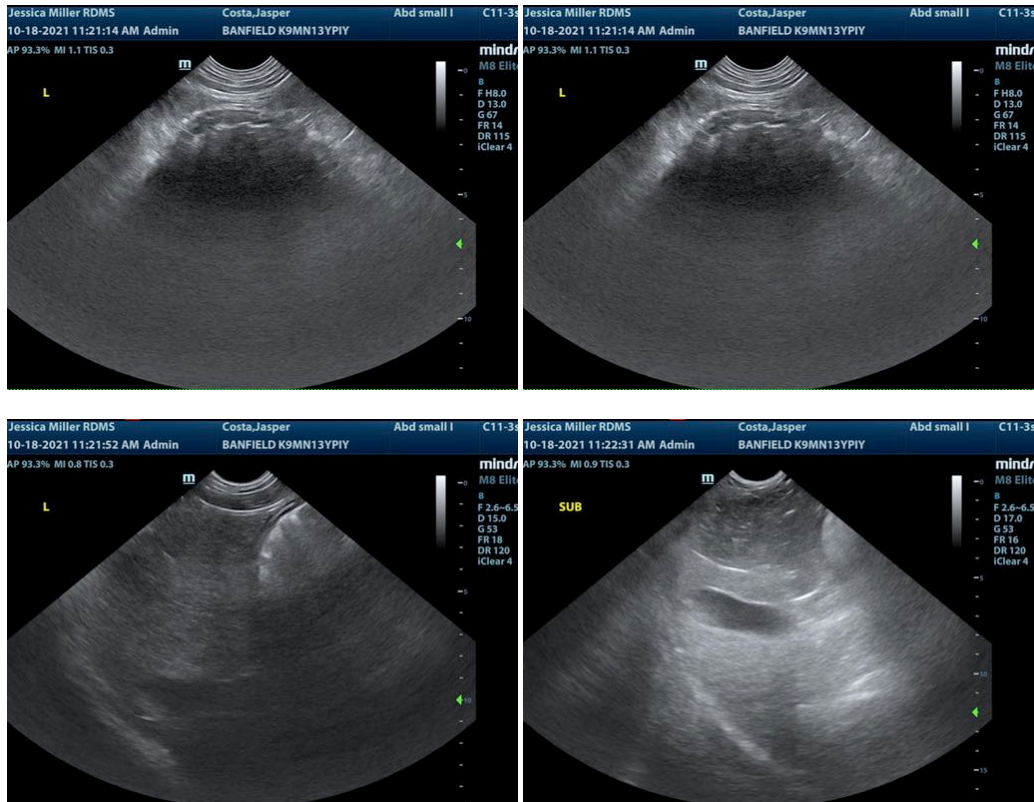
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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