



PATIENT PRESENTING CLINICAL SIGNS

Bella Cole History: Abdomen pain, increased water intake. Current meds: Carprofen, famotidine, Denamarin
 Abnormal PE/Chem/CBC/UA Results: GOT 225, ALT 1143, ALK 1093, GTP 28, total bili 1.4

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Bichon

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A slight concretion was noted in the urinary bladder and is non-shadowing. This is likely passing from the kidneys and will likely pass through the urethra as it is only 0.2 cm in width. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Spayed Female

AGE

10 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. Slight, pinpoint mineralization was noted. The right kidney measured 3.76 cm. The left kidney measured 3.22 cm.

WEIGHT

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 1.23 x 0.42 cm at the caudal pole and 0.46 cm at the cranial pole. The right adrenal gland measured 1.3 x 0.34 cm at the caudal pole and 0.61 cm at the cranial pole.

IMAGING PERFORMED BY

Jessica Miller, RDMS

Spleen

HOSPITAL NAME

All Creatures Great
 and Small

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. Mitrovic

Liver

INVOICE

92010

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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,

DATE

9/27/21



PATIENT

infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Bella Cole

SPECIES

Gastrointestinal

Canine

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.

BREED

Bichon

SEX

Spayed Female

Pancreas

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.

AGE

10 years

ULTRASONOGRAPHIC FINDINGS

Age related renal changes.

WEIGHT

Slight mineralization and small bladder concretion, non-obstructive.

Acute inflammatory hepatopathy/cholangiohepatitis with minimal parenchymal changes.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The bladder concretion should pass on its own. Leptospirosis or similar acute insult is suspected. FNA of the liver can be considered for further definition.

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

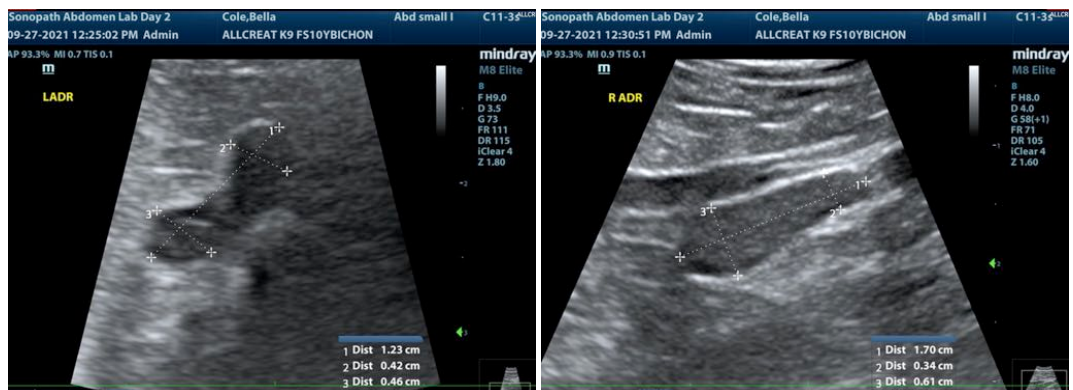
Dr. Mitrovic

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PATIENT

Bella Cole

SPECIES

Canine

BREED

Bichon

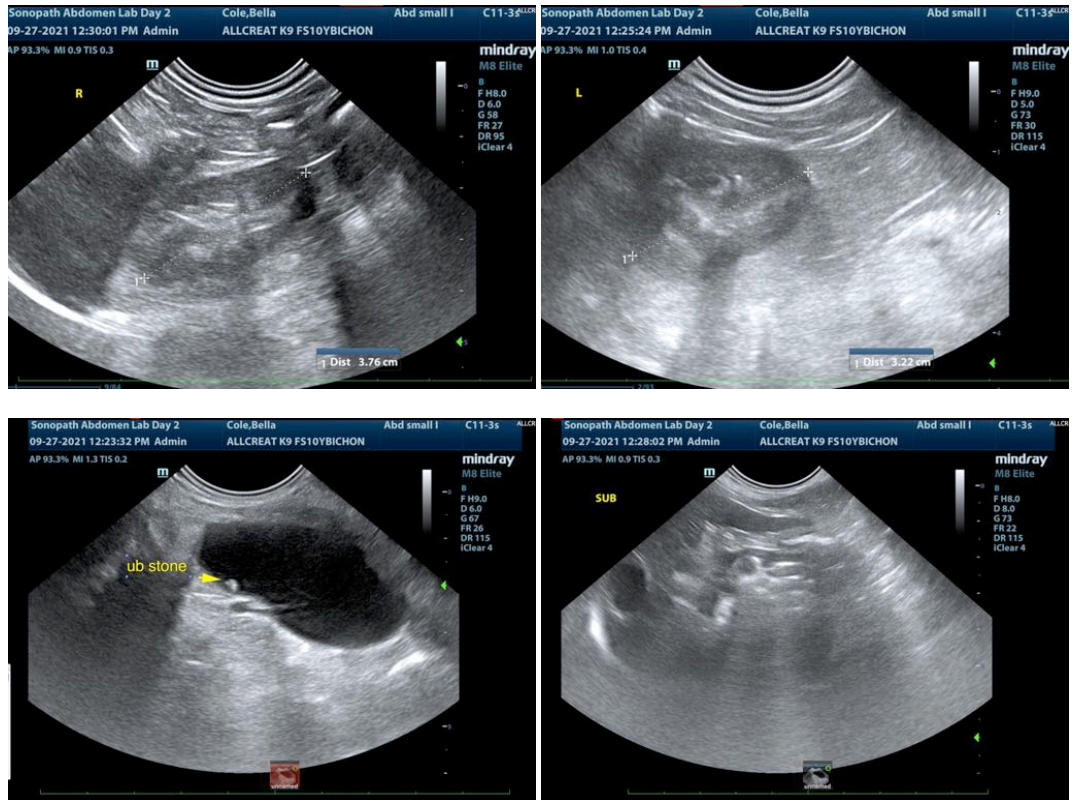
SEX

Spayed Female

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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.

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