



PATIENT

Jonah Smith

PRESENTING CLINICAL SIGNS

History: Had mass on spleen, diagnosed elsewhere. Bladder stone?

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

King Charles Cavalier
Spaniel

The **urinary bladder** was slightly thickened with a minimal amount of urine present at the time of the sonogram. The pelvic urethra was imaged 4.0 cm beyond the cystourethral junction and appeared normal. A 0.3 cm, non-shadowing concretion was noted with a slight amount of sand. This is consistent with calculus precursor.

SEX

Neutered male

The residual prostate measured 3.0 cm.

AGE

9 years

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. The capsules were acceptably uniform without significant irregularities. The kidneys each measured 5.0 cm with trace pyelectasia of the left kidney.

WEIGHT

22.6 lbs

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 2.16 x 0.44 cm at the caudal pole and 0.8 cm at the cranial pole. The left adrenal gland measured 2.0 x 0.5 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed a parenchymal mid body mass without evidence of cavitation. The mass measured 3.0 x 2.0 cm. This is mildly vascular. The remainder of the spleen was unremarkable.

IMAGING PERFORMED BY

Dr. Leal

HOSPITAL NAME

Blairstown AH

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder was over distended with inspissated bile, yet not to the level of mucocele formation.

REFERRING VET

Dr. Summers

INVOICE

39583

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.

DATE

9/22/22



PATIENT

Pancreas

Jonah Smith

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

ULTRASONOGRAPHIC FINDINGS

BREED

King Charles Cavalier
Spaniel

Parenchymal splenic mass. Round cell neoplasia is suspected, emerging hemangiosarcoma is possible.

SEX

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chest radiographs and rapid echocardiogram of the right auricle is warranted. Splenectomy, cystotomy and normal and retrograde urinary flushing and manual expression of the gallbladder is all indicated.

AGE

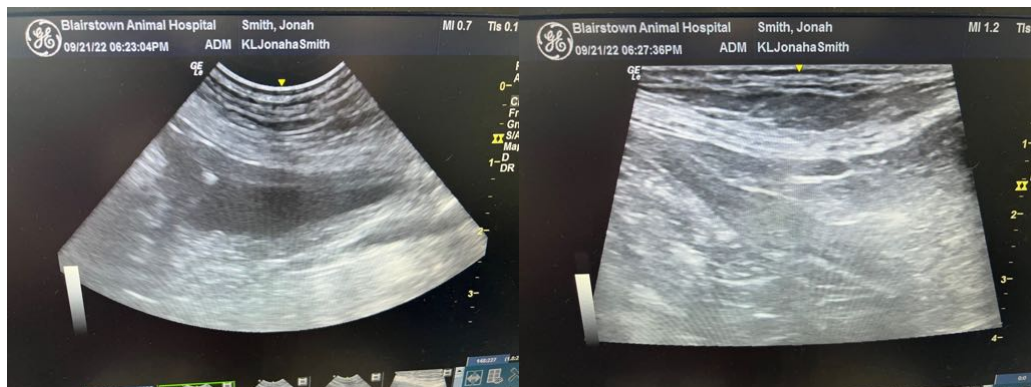
9 years

WEIGHT

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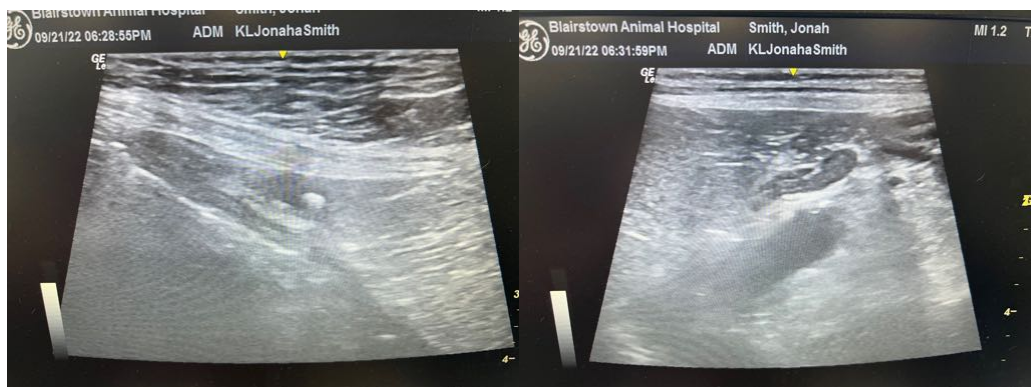


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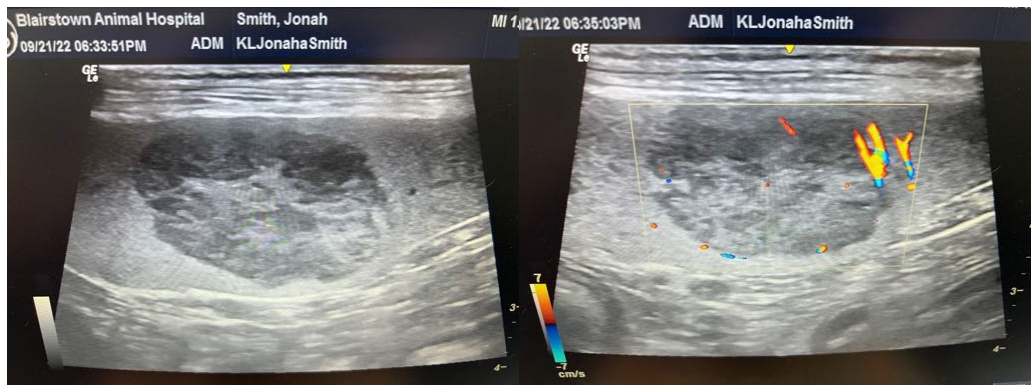
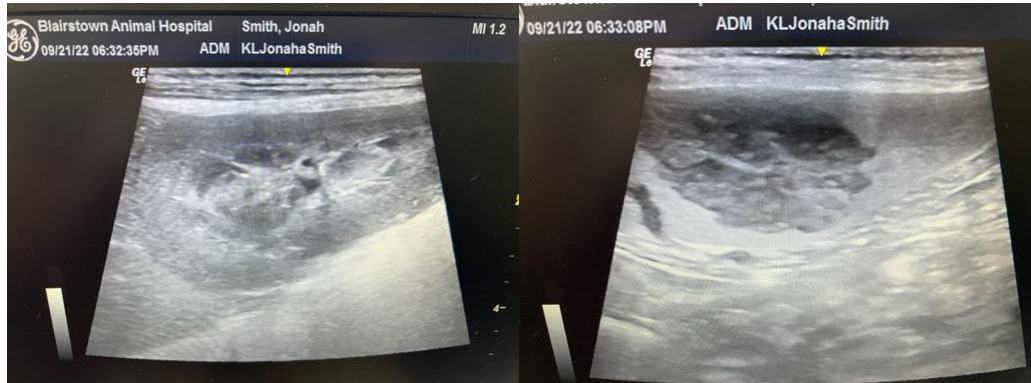
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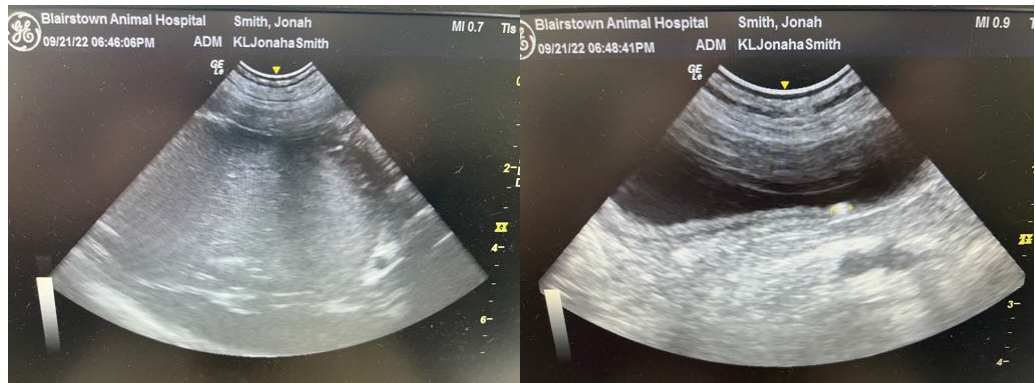
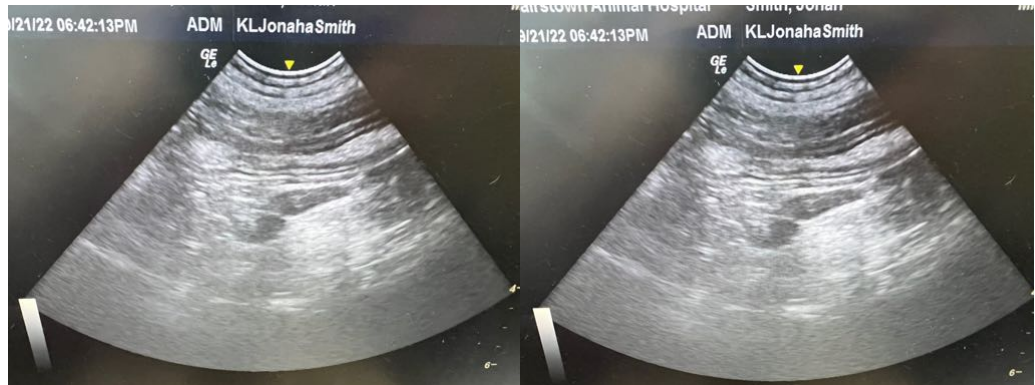
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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