



PATIENT

Kush Chandan

PRESENTING CLINICAL SIGNS

History: Follow up after bladder stone removal . Sx done in a different province , 6 months ago

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Bulldog Cross

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. Bladder sand and calculi were noted appearing non-obstructive at the time of the sonogram. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

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. The left kidney measured 5.6 cm with corticomedullary calculi. The right kidney measured 5.37 cm with corticomedullary calculi.

AGE

8 years

WEIGHT

29 kg

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 0.61 cm at the cranial pole and 0.65 cm at the caudal pole. The right adrenal gland measured 0.62 cm at the cranial pole and 0.69 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally and was fairly uniform. Slight, heterogenous parenchymal changes were noted. This is a positional variant and is not pathological. There was no evidence of significant disease.

IMAGING PERFORMED BY

Dr. Gira

HOSPITAL NAME

Resolution Veterinary
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Liver

The **liver** was subnormal in size and uniform. The portal vein measured 0.8 cm and the vena cava measured 0.7 cm. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Prairie Winds Dr. Sidhu

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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

7/20/22



PATIENT

Pancreas

Kush Chandan

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

Bulldog Cross

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Neutered male

Given the microhepatica I recommend bile acid profile in this patient. There was no obvious portosystemic shunting noted. However, portal hypoplasia/microvascular dysplasia is a possibility as well as a short, irregular shunt as a right divisional shunt or splenocaval shunt is still possible. If the bile acids are greater than 70 then CT with contrast is indicated.

AGE

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WEIGHT

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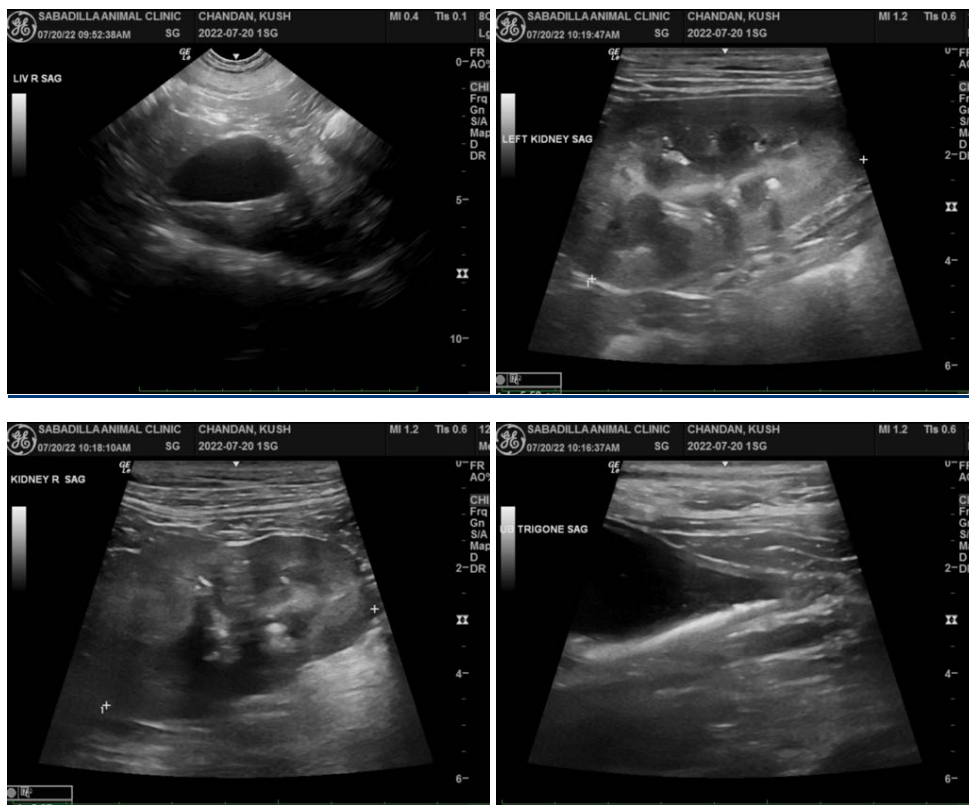
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Neutered male

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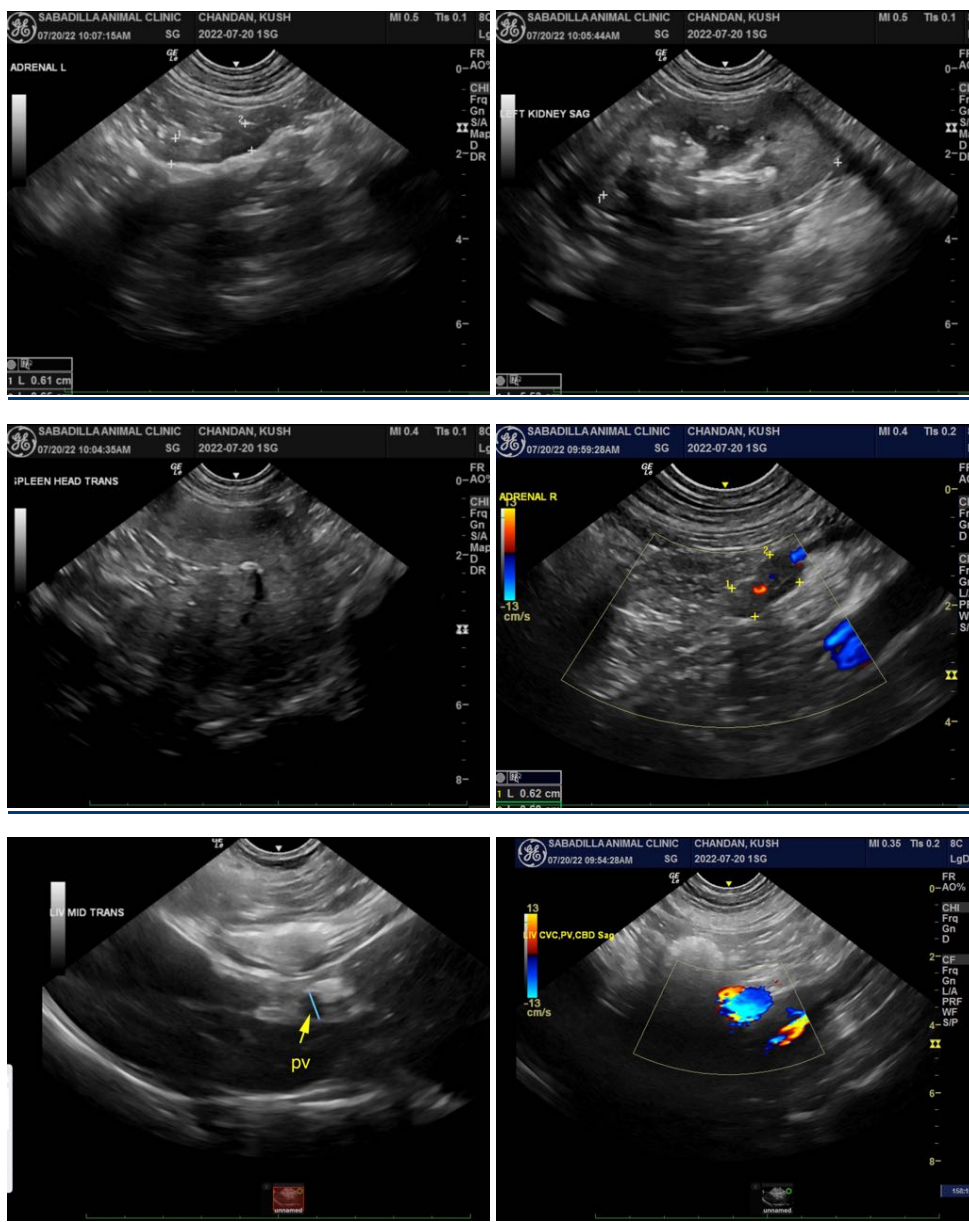
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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