



PATIENT ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Charlie Brotherton History: The patient presented to the hospital lethargic, with pale mucus membranes and loss of appetite. Currently on Gabapentin 100mg: 2 capsule BID as needed and taking Carprofen 100mg: 1/2-tab BID.

SPECIES

Canine

Urinary System

The urinary bladder is small, with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

BREED

Terrier Mix

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

SEX

Neutered Male

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

The left kidney measures 5.5 cm with normal architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Right-sided hydronephrosis.

AGE

13

Reproductive System

Small hypoechoic prostate.

WEIGHT

45

Adrenal Glands

The left adrenal gland is of shape, echogenic appearance, size (2.03 cm in length x 0.65 and 0.7 cm in width), position, and appearance of the visible peri-renal vasculature. The right adrenal gland was not visualized.

INTERPRETED BY

Remo Lobetti, BVSc,
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Spleen

Large, mottled, echogenic mass (measuring approximately 3.8 x 4.0 cm in size) originating in the head of the spleen. The rest of the spleen is of normal size, maintaining a normal echogenic appearance, a smooth homogenous parenchyma, and a regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. The spleen measures 1.8 cm in width.

IMAGING PERFORMED BY

Dr. Paul Kim

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

HOSPITAL NAME

Ridgefield Park AH

Gallbladder

The gallbladder is full, containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

REFERRING VET

Dr. Paul Kim

Gastrointestinal

Normal appearance of the stomach (0.23 cm), duodenum, small intestine, ileo-cecal junction, and colon, with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

INVOICE

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Pancreas

Visible section of the pancreas is of normal size (left 0.5 cm in width) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

DATE

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Free Abdomen

Normal mesenteric lymph nodes.
No ascites evident.



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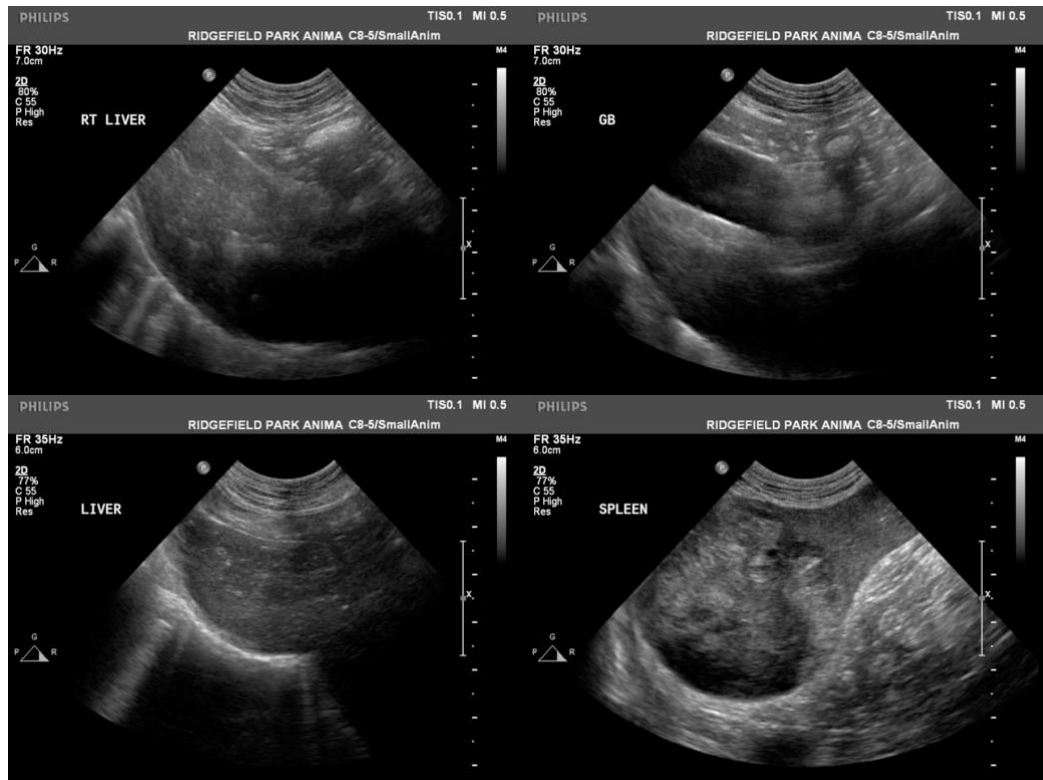
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ULTRASONOGRAPHIC FINDINGS

- Splenic mass
- Right hydronephrosis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Etiologies for the splenic mass would be neoplasia, granuloma, and possible organized hematoma.
- On this ultrasound, there is no obvious etiology for the right-sided hydronephrosis.
- Further assessment would be three-view thoracic radiographs, echocardiography to evaluate the right atrium and right auricle, and possible FNA cytology of the splenic mass. Splenectomy should be considered as it could be both diagnostic and therapeutic, as well as allowing for possible right-sided nephrectomy.
- Further specific therapy would be dependent on an etiological diagnosis.





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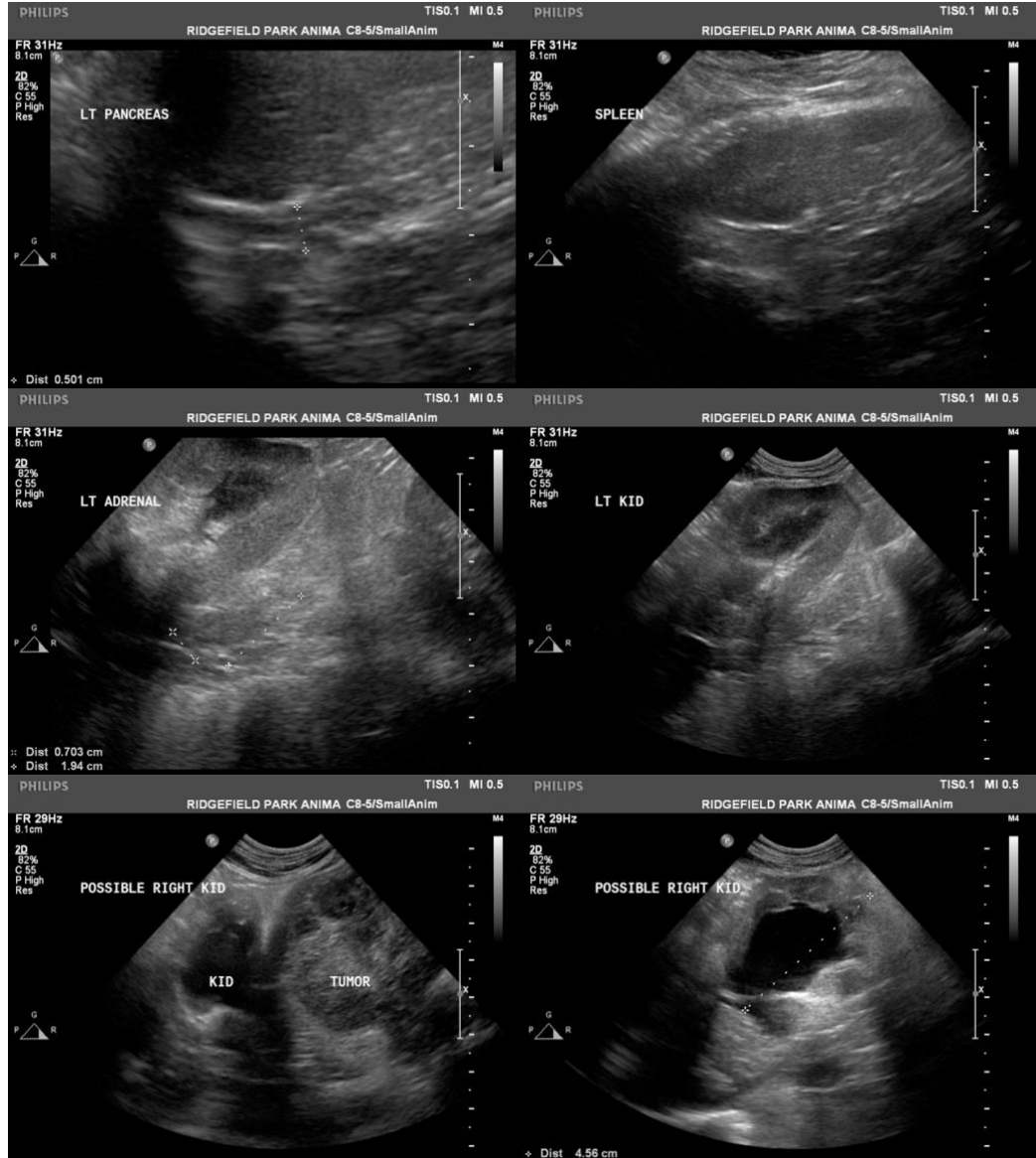
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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