



PATIENT **PRESENTING CLINICAL SIGNS**

Remington Dowdell

History: Hemoabdomen, met. check. No current meds.
Abnormal PE/Chem/CBC/UA Results: PCV/TS 28%/5.8. Current PCV/TS pending post scan.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pitbull

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. 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

Neuterd male

AGE

6 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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left right kidney measured 6.71 cm. The left kidney measured 6.63 cm.

WEIGHT

79 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 left adrenal gland measured 1.74 x 0.61 cm at the cranial pole and 0.62 cm at the caudal pole. The region of the right adrenal gland was imaged with no evidence of pathology.

INTERPRETED BY

Dr Brittany Sinclair, BVSc(hons), DACVECC

IMAGING PERFORMED BY

Shari Reffi, CVT

Spleen

The midabdomen revealed a complex, mixed, hypoechoic cystic mass that measured 18 cm. The mass is deriving from the cranial pole of the spleen.

HOSPITAL NAME

Newton VH

Liver

REFERRING VET

Dr. Guerrero

The **liver** was slightly heterogenous without overt metastatic lesions. The gallbladder and common bile duct were unremarkable.

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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.

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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.

Free Abdomen

A large amount of echogenic free fluid consistent with hemoabdomen was noted. Heterogenous omental changes were noted. This is suggestive for potential seeding.

Heart

Rapid view of the heart revealed no evidence of pathology in the pericardium or right auricle. The heart had normal contractility. Tachycardia was noted and may be owing to shock.

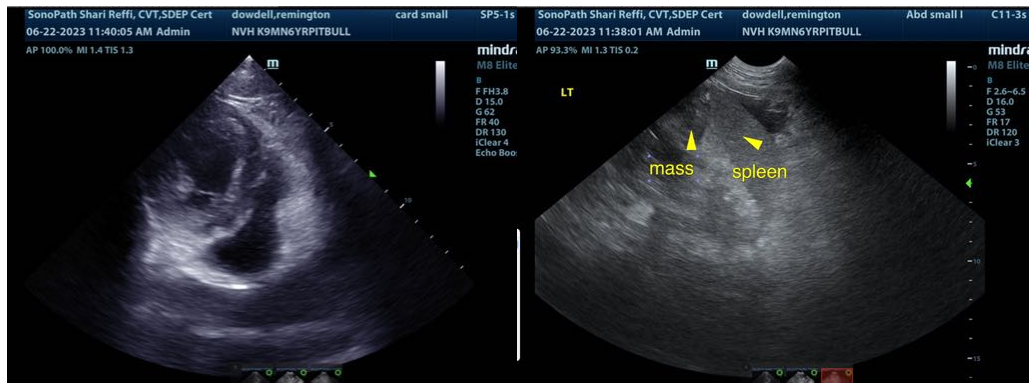
ULTRASONOGRAPHIC FINDINGS

Ruptured mass, likely spleen with omental nodules, strong concern for omental spread in this patient.

No overt organ metastasis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hemangiosarcoma is likely. Chest radiographs and exploratory surgery is indicated. However, clean resection is doubtful.



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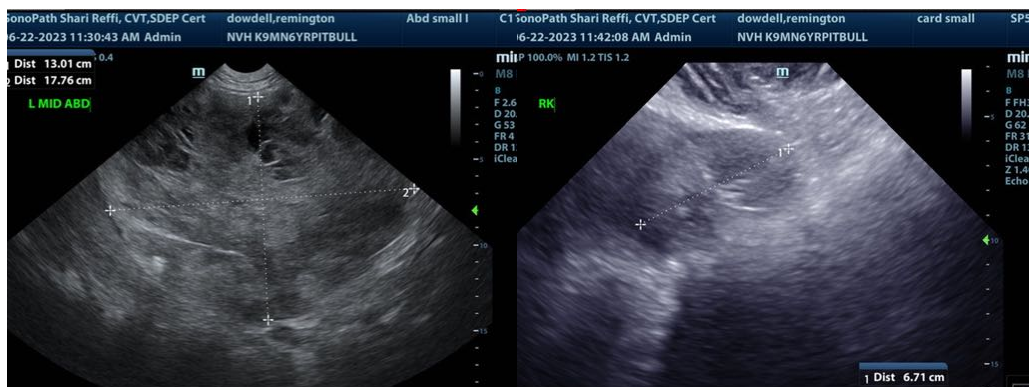
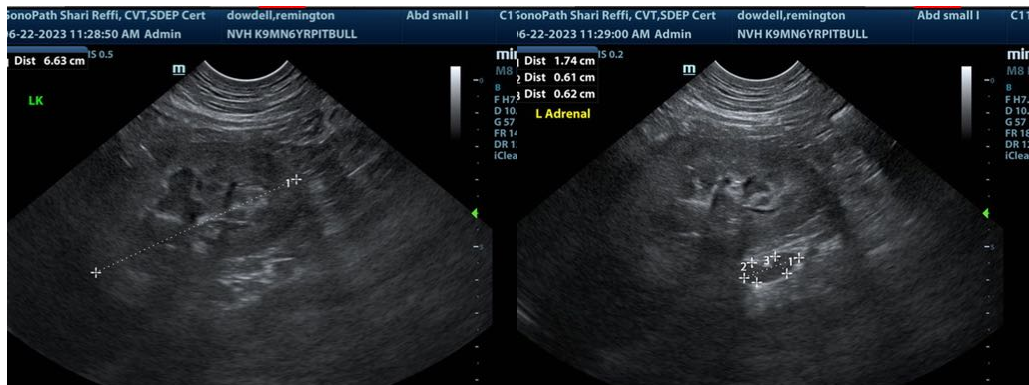
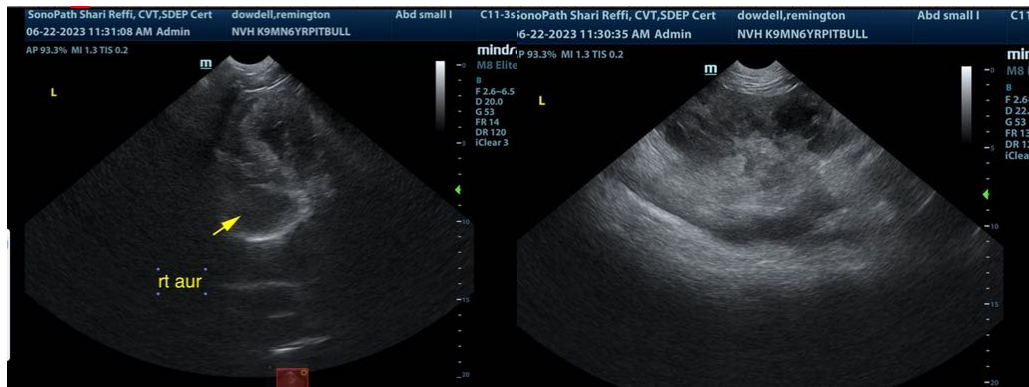
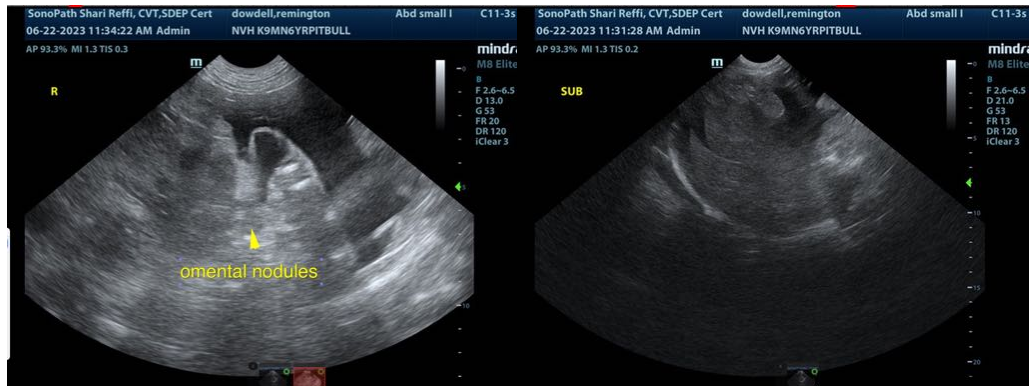
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Pitbull

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

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