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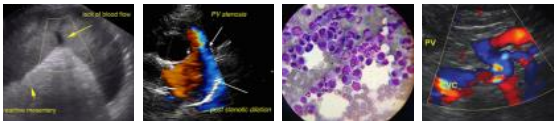


ANIMAL SOUNDS NW
MOBILE VETERINARY ULTRASOUND
IMAGING PERFORMED BY
AnimalSoundsNW.com 541-357-9423

PATIENT

Bravo Cushman

SPECIES

Canine

BREED

PitBull

SEX

MN

AGE

8yr

WEIGHT

77lb

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Q Street Animal Hospital

REFERRING VET

Dr. Bretschneider

INVOICE

11562ag

DATE

09/08/2022

PRESENTING CLINICAL SIGNS

mild decrease in energy level for past couple months prior ultrasound done mid June and found unspecified Splenic mass/ lesion exhibiting areas of mineralization.

ULTRASONOGRAPHIC RECHECK EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 7.3 cm in length. The right kidney measured 7.0 cm in length.

The area of the aortic trifurcation was free of pathology.

The residual prostate was free of pathology.

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.38 cm width at the caudal pole and 0.50 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.71 cm width at the caudal pole and 1.0 cm width at the cranial pole.

Spleen

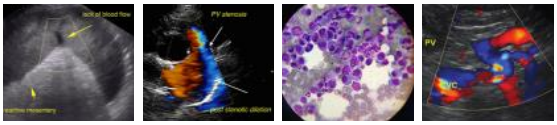
A previously noted spherical mineralized mass lesion appearing to derive from or impinging upon the spleen was present measuring ~ 6.2 cm in diameter. Segments of adjacent spleen were unremarkable exhibiting a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.



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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Previously noted static spherical mineralized mass/lesion deriving from or impinging upon the spleen
- Otherwise sonographically normal abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The persistent to static mineralized spherical mass/lesion which was noted on the previous study may indicate a mineralized splenic mass, granuloma/myelolipoma, splenic hyperplasia, consolidated abscess, potential mineralized omentum, nodular fat necrosis or other. Given the static presentation of this lesion, neoplastic or metastatic criteria is considered unlikely. No other evidence of abdominal visceral pathology was present in this scan. No evidence of intra-abdominal metastatic or neoplastic criteria was evident.

Continued sonographic monitoring of the lesion for evidence of progression vs exploratory laparotomy for gross inspection and potential resection of the mineralized mass/ lesion could be considered.

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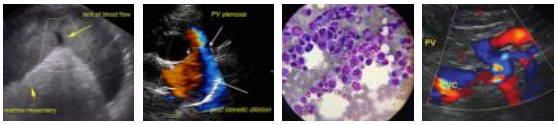

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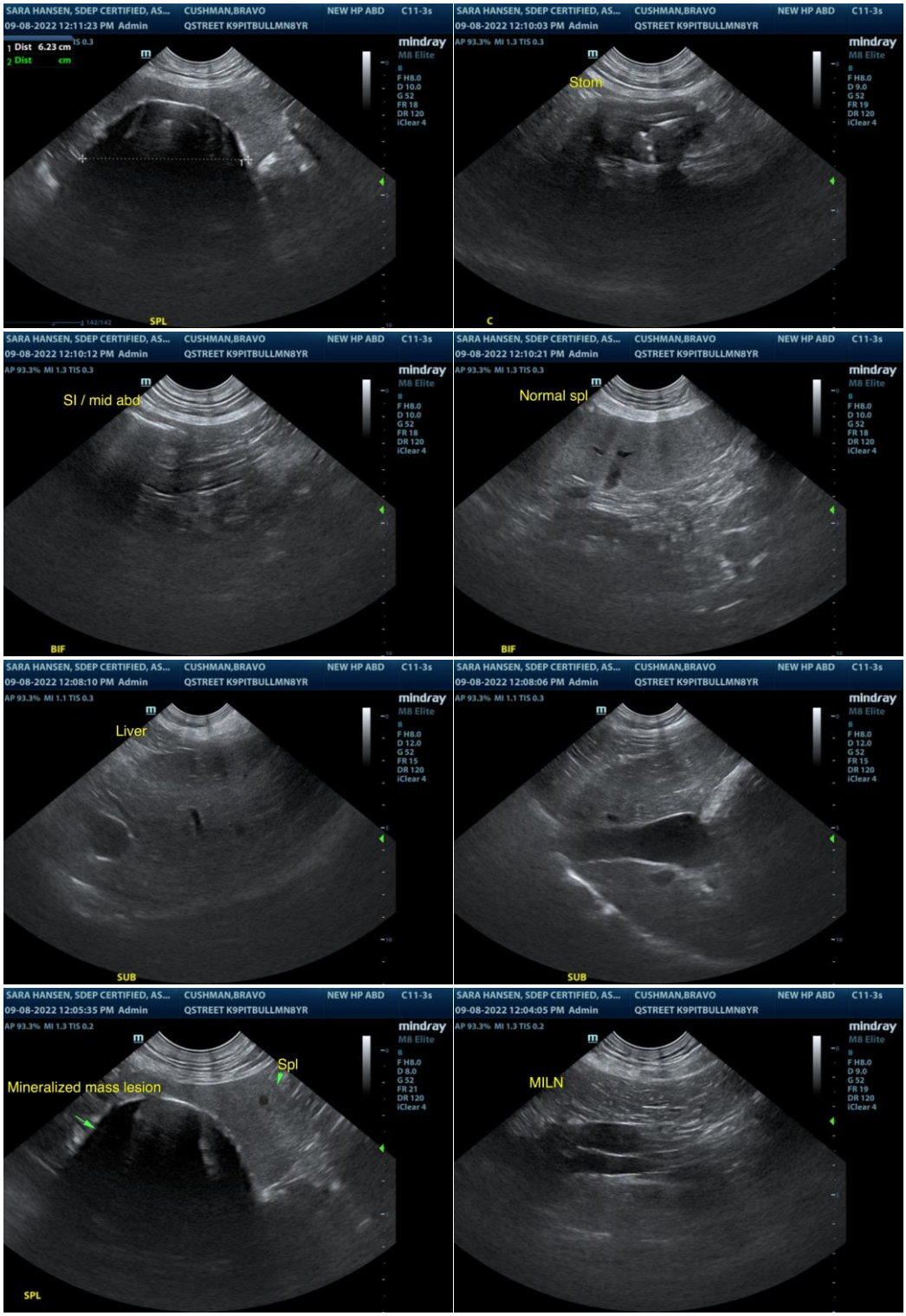

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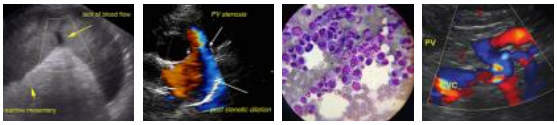

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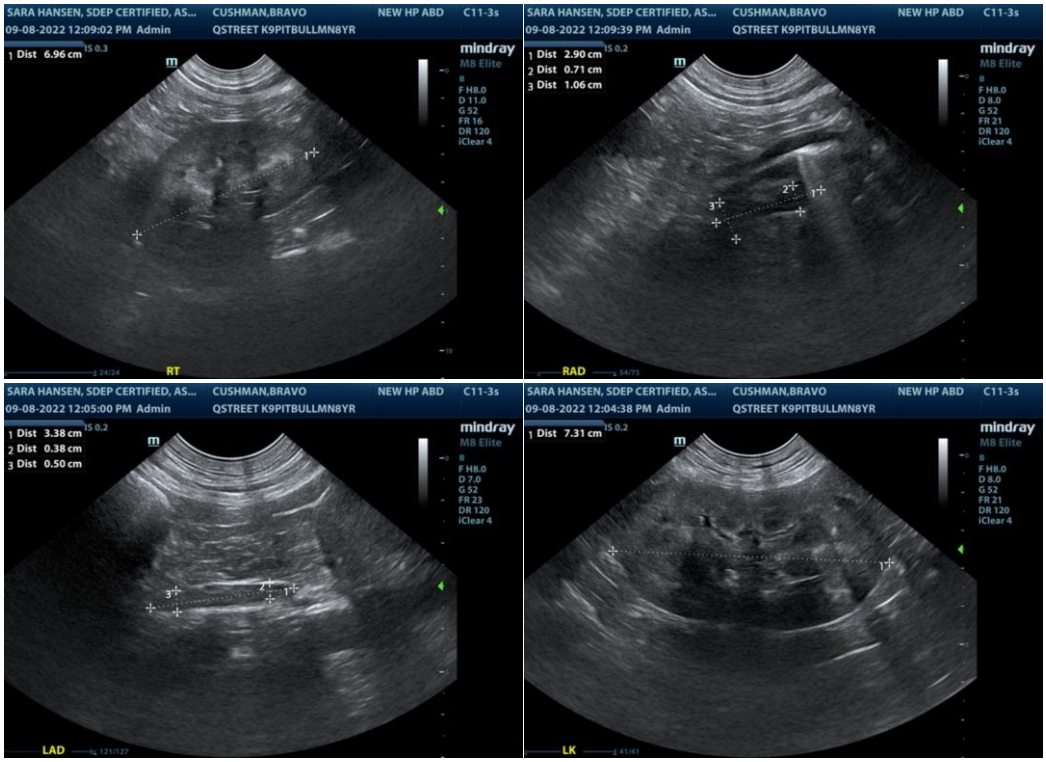

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com