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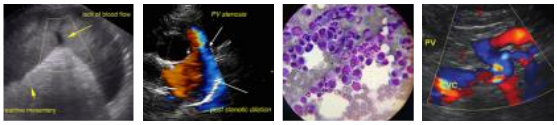


ANIMAL SOUNDS NW
MOBILE VETERINARY ULTRASOUND
IMAGING PERFORMED BY
AnimalSoundsNW.com 541-357-9423

PATIENT

Gryff Broome

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

7yr

WEIGHT

7.3kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Edgewood AC

REFERRING VET

Dr. Callahan

INVOICE

13379ag

DATE

04/03/2023

PRESENTING CLINICAL SIGNS

HX OF FLUTD. 3CM MASS W/ CALCIFIED CENTER FOUND ON ABD RADIOGRAPHS FOR FLUTD EMERGENCY.

Abnormal PE/Chem/CBC/UA Results: 3/36/23-UA- INFLAMMATORY, NO SIGNS OF INFECTION Current Medications MIRATAZ, CERENIA, BUPRENORPHINE, GABAPENTIN Radiographic Findings CALCIFIED MASS IN CAUDAL LEFT ABD

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was normal in size and tone with mildly prominent yet uniform urinary bladder walls. The urinary bladder wall measured 0.24 cm in width. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild to moderate non-dependent particulate to focally hyperechoic sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No 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. Bilateral discrete pinpoint medullary mineral was present. The left kidney measured 4.2 cm in length. The right kidney measured 4.6 cm in length.

The area of the aortic trifurcation 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

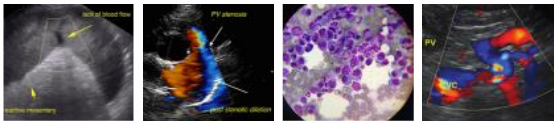
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.30 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.48 cm width.

Spleen

The spleen exhibited mild enlargement with areas of asymmetrical medial contour and maintained 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. Potential for discrete isoechoic splenic nodules and areas of minor parenchymal expansion although not definitive. No splenic masses.

Liver/Gallbladder

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.



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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.

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 omental masses, overt lymphadenopathy or peritoneal effusion was present.

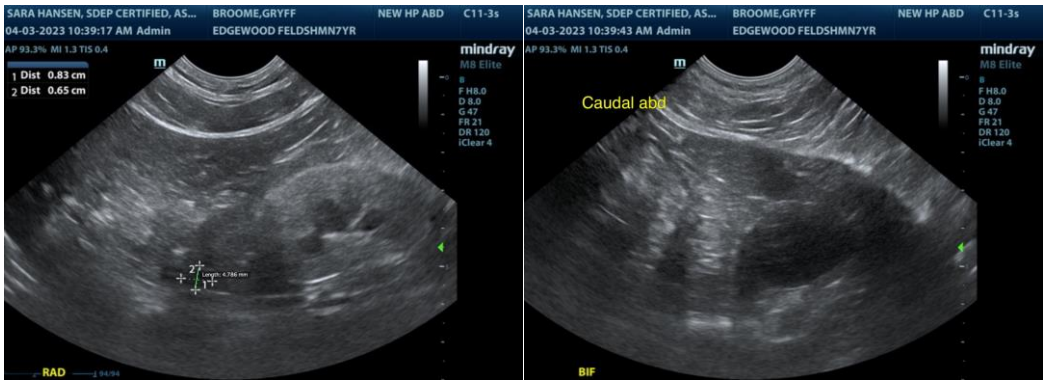
ULTRASONOGRAPHIC FINDINGS

- Mildly enlarged/irregular spleen-nonspecific, hyperplasia, hematopoiesis, incidental splenitis, potential for emerging neoplastic criteria possible.
- Minor cystitis pattern with urinary bladder sediment.
- Normal bilateral kidneys with pinpoint medullary mineral.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status and using a 25g needle, a splenic FNA for screening cytology is warranted for further assessment. Urine C/S on a sterile urine sample is suggested to rule out infection. Continued empirical therapy for idiopathic cystitis is suggested.

The calcified mass noted on radiographs was not definitively visualized yet is suggestive of likely Bates body or nodular fat necrosis based on radiographic appearance. Correlation with radiology consult may be considered.



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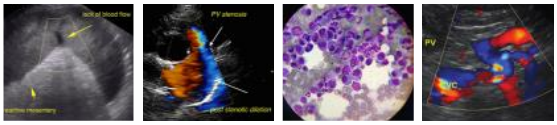

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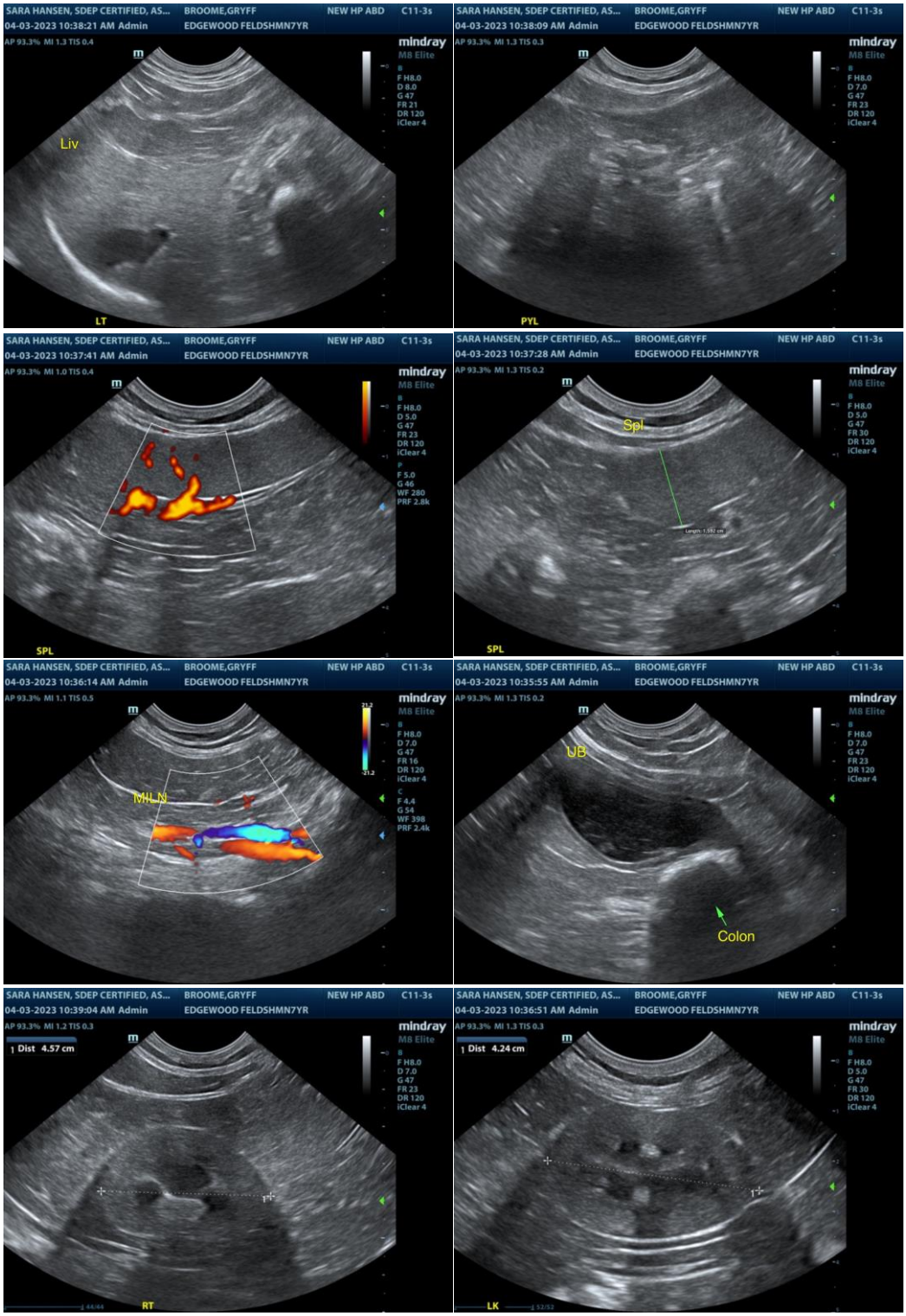
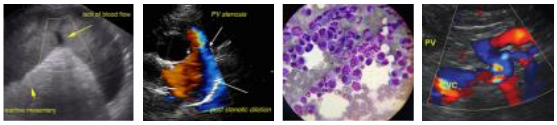


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not



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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