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Clinical Sonography & Telecytology
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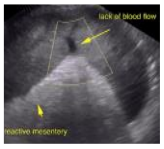

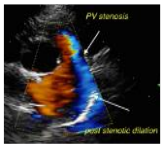

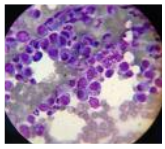
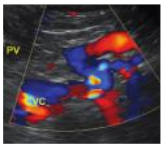

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Jazmine Desjardins

SPECIES

Canine

BREED

Shepherd Mix

SEX

FS

AGE

9 years

WEIGHT

59 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Karen Ebersole, DVM, DABVP (Canine and Feline)

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Bennett

INVOICE

15791

DATE

1/10/23

PRESENTING CLINICAL SIGNS

Mass right inguinal area proximal medial thigh; firm, tightly adhered. Cytology indicated could be spindle cell neoplasia or fibroplasia. Repeated FNA today w/US guidance.

Abnormal PE/Chem/CBC/UA Results: Chest Rads: NSF Abd Rads: irregular spleen noted.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm 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 was noted.

No evidence of pathology was noted In the area of the uterine remnant.

No evidence of medial Iliac or sublumbar lymphadenopathy.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.0 cm in length. The right kidney measured 6.1 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.5 cm length x 0.72 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.6 cm length x 0.55 cm width at the caudal pole.

Spleen

The spleen was normal in size and contour exhibiting subtle parenchyma heterogeneity with intermittent discretely hypoechoic nondisruptive splenic nodules. An example of a splenic nodule measured 0.62 cm in diameter. Normal splenic vascularity was noted. The splenic nodules did not distort the splenic capsule.

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.

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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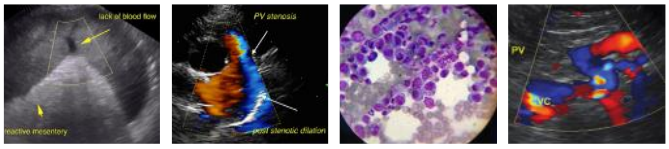

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

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 were evident.

Free Abdomen

No overt omental lymphadenopathy or evidence of peritoneal retroperitoneal effusion was present. An unspecified, irregular to nonhomogeneous mass with surrounding hyperechoic tissue and subjective mild to moderate vascularity based on color doppler assessment was present in the area of the right caudoventral to inguinal abdomen measuring approximately 5.0-6.0 cm in diameter. No overt mineralization associated with the mass was noted.

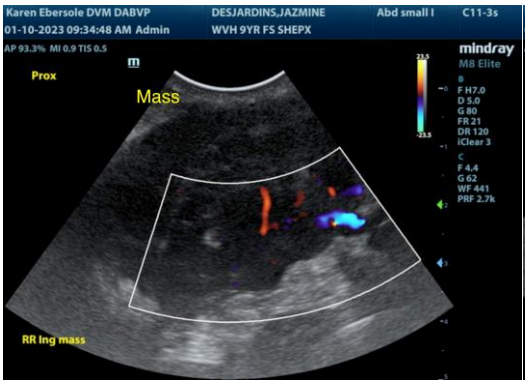
ULTRASONOGRAPHIC FINDINGS

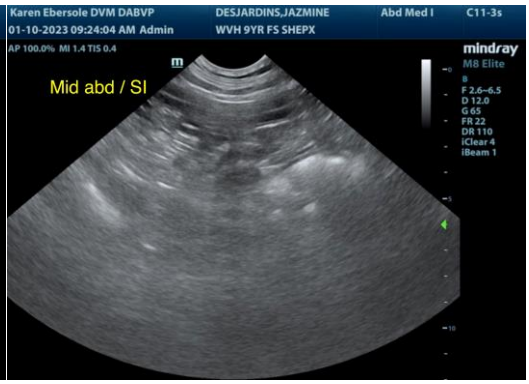
- Moderately expansive irregular to nonhomogeneous right inguinal mass
- Nonspecific discrete nondisruptive splenic nodules- incidental hyperplasia, hematopoiesis, small hematomas, focal splenitis, potential for early metastatic criteria possible
- Mild age-related kidneys

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, FNA splenic parenchyma nodule cytology is warranted for further assessment of the mild splenic parenchyma and nodular changes.

Subjectively, surgical resectability of the inguinal mass is highly questionable given its size, location, and subjective adjacent potential major vasculature. Assuming no evidence of pathology on three-view chest radiographs or metastatic criteria to the spleen, CT assessment of the mass for further assessment and potential surgical planning and/or oncology consult is suggested.





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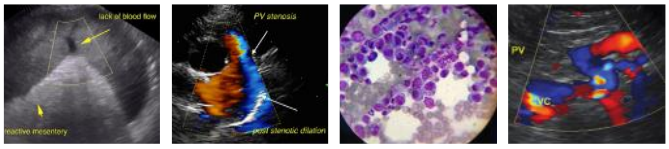

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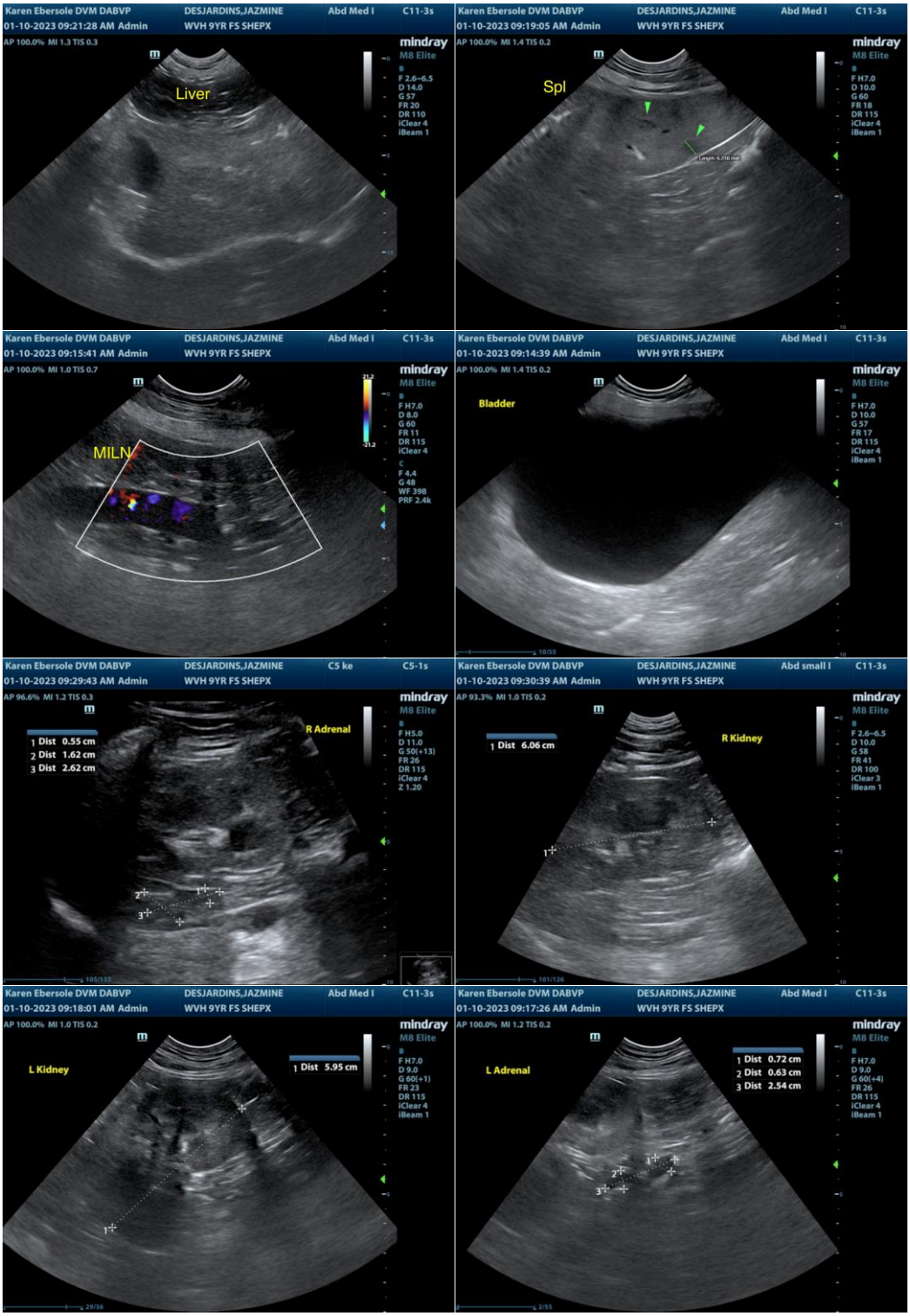

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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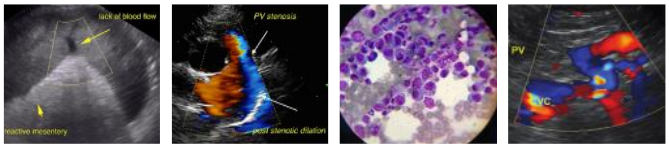

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Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com