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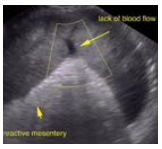

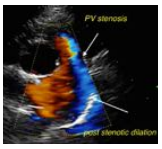

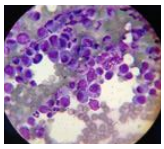
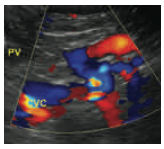

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1-800-838-4268 info@sonopath.com

PATIENT

Snoozer Meyers

SPECIES

Canine

BREED

Schnauzer

SEX

Neutered male

AGE

10 years

WEIGHT

29.3 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Brenner

HOSPITAL NAME

Riverside AC

REFERRING VET

Dr. Brenner

INVOICE

98134

DATE

4/6/22

PRESENTING CLINICAL SIGNS

History: Newly adopted dog to this owner. Melanoma removed right prepuce April 2021 incomplete margins. June 2021 inguinal LN aspirate suspicious melanoma mets. Masses palpable at right prepuce area March 15, 2022. Dog asymptomatic.
Abnormal PE/Chem/CBC/UA Results: March 15, 2022 2 subcutaneous masses Right prepuce cranial one measures 2.5x2.2cm, caudal mass measures 1.5x1.5cm. Dog has very large subcutaneous lipomas caudo-ventral thorax, largest one left side 10x10.5cm. Urine 3/15/22 USG 1.024, 2+ protein, pH 6.5 inactive sediment. April 7, 2022 Chest x-rays no visible metastatic lesions. CBC normocytic normochromic anemia HCT 27.2%. Mild increased SDMA 16 (0-14). Elevated ALKP 13900 (23-212).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The residual prostate measured 1.0 cm.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.18 cm. The right kidney measured 5.37 cm with slight pinpoint mineralization noted.

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 0.49 cm. The right adrenal gland measured 0.5 cm.

Spleen

The **spleen** revealed subtle, hypoechoic, heterogenous parenchymal changes. The spleen was normal in size and contour.

Liver

The **liver** revealed multi-focal, hypoechoic nodular changes with an overt 3.0 cm mass in the left medial liver. The caudate process was mildly heterogenous in the liver. The gallbladder and common bile duct were unremarkable.

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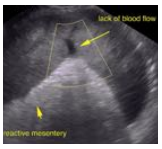
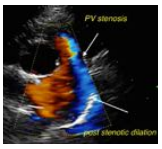
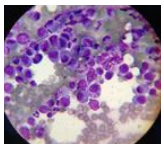
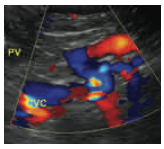

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Gastrointestinal

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.

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

Ventral to the urinary bladder a coalescing hypoechoic lymph node or undifferentiated tumors were noted and measured up to 2.0 cm each. This is strongly suggestive for round cell neoplasia melanoma or similar. This appears to occupy the body wall and is outside the abdominal cavity.

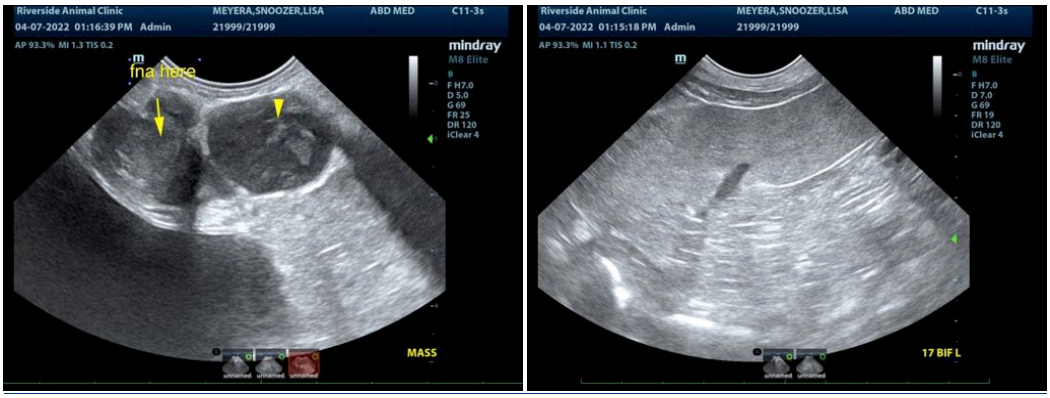
ULTRASONOGRAPHIC FINDINGS

Micronodular spleen and liver. Potential metastatic disease with undifferentiated hepatic mass.

Subcutaneous/body wall masses at the level of the urinary bladder.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver and spleen as well as body wall masses are all indicated.



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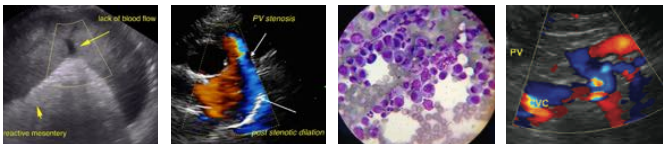

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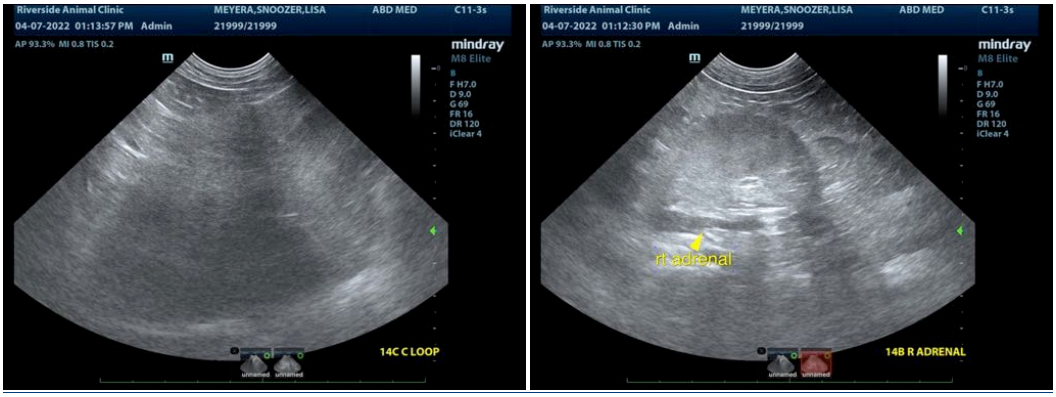

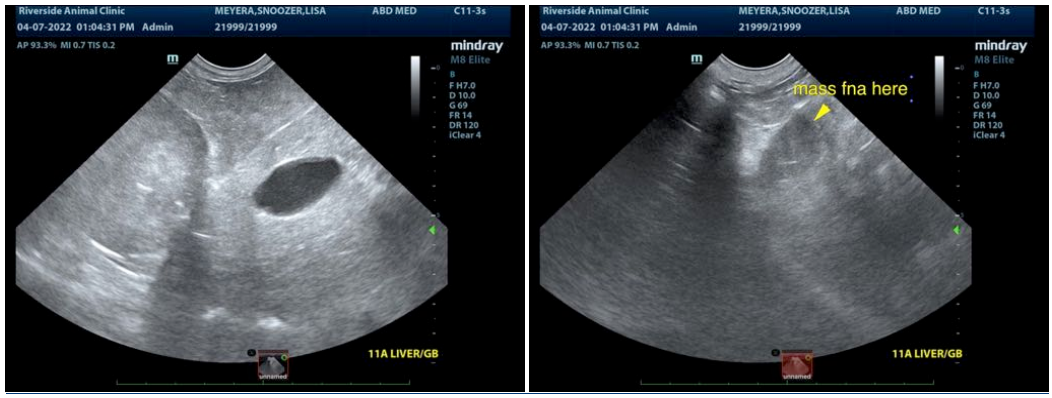

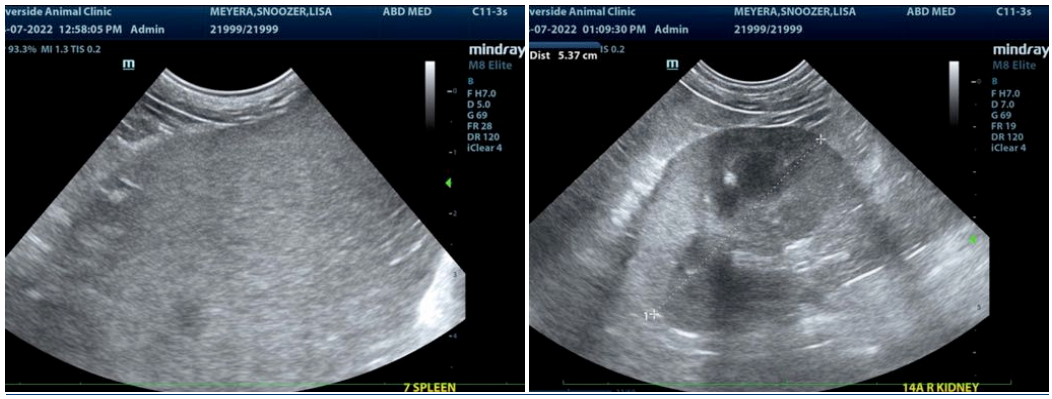

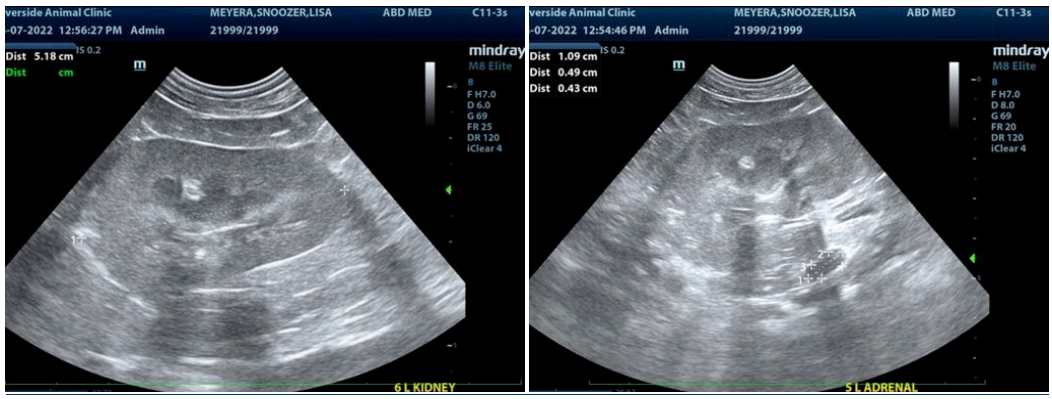

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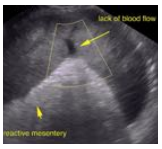

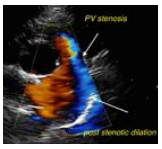

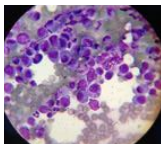
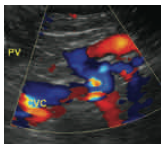

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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