



PATIENT PRESENTING CLINICAL SIGNS

Maya Mursch

Patient presents due to cutaneous MCT diagnosed on cytology, looking for evidence of metastasis prior to surgery. Also, some RBCs and crystals in urine.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC/Chem: WNL. U/A: pH 8.0, 6-10 RBCs, 2+ struvite crystals. USG: 1.039.

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

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 were noted. Ureteral papillae were normal.

AGE

10 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.

WEIGHT

71.8 Pounds

The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.02 cm. The left kidney measured 5.89 cm.

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV

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 right adrenal gland measured 2.25 cm x 0.79 cm at the caudal pole and 0.63 cm at the cranial pole. The left adrenal gland measured 2.33 cm x 0.61 cm at the caudal pole and 0.73 cm at the cranial pole.

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez

Spleen

The **spleen** presented multifocal hypoechoic nodules, mildly disruptive, largest of which measure 1.85 cm. Other nodules measured up to 0.82 cm. Other heterogeneous changes noted throughout the spleen.

HOSPITAL NAME

Ringwood AH

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

REFERRING VET

Dr. Wilkes

INVOICE

43827

DATE

7/6/23

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.



PATIENT *Pancreas*

Maya Mursch

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.

SPECIES

Canine

Other

BREED

Labrador Retriever

Rapid view of the heart revealed no evident pathology in the right auricle and pericardium.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Geriatric abdomen with micronodular splenic changes
- Unremarkable abdomen otherwise

AGE

10 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the patient history, screening 25-gauge FNA of the spleen recommended under sedation. Benadryl injection prior to sampling recommended, or direct splenectomy could be justified. Differentials include mast cell/round cell neoplasia, hyperplasia, less likely emerging hemangiosarcoma.

WEIGHT

71.8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

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REFERRING VET

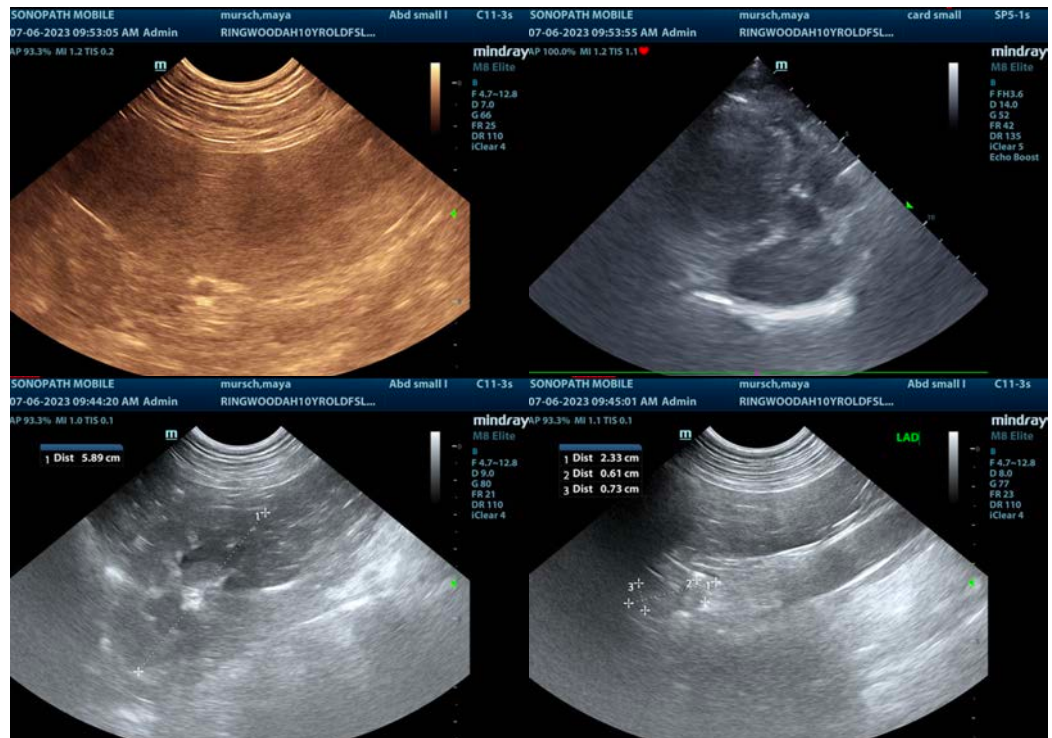
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PATIENT

Maya Mursch

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

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WEIGHT

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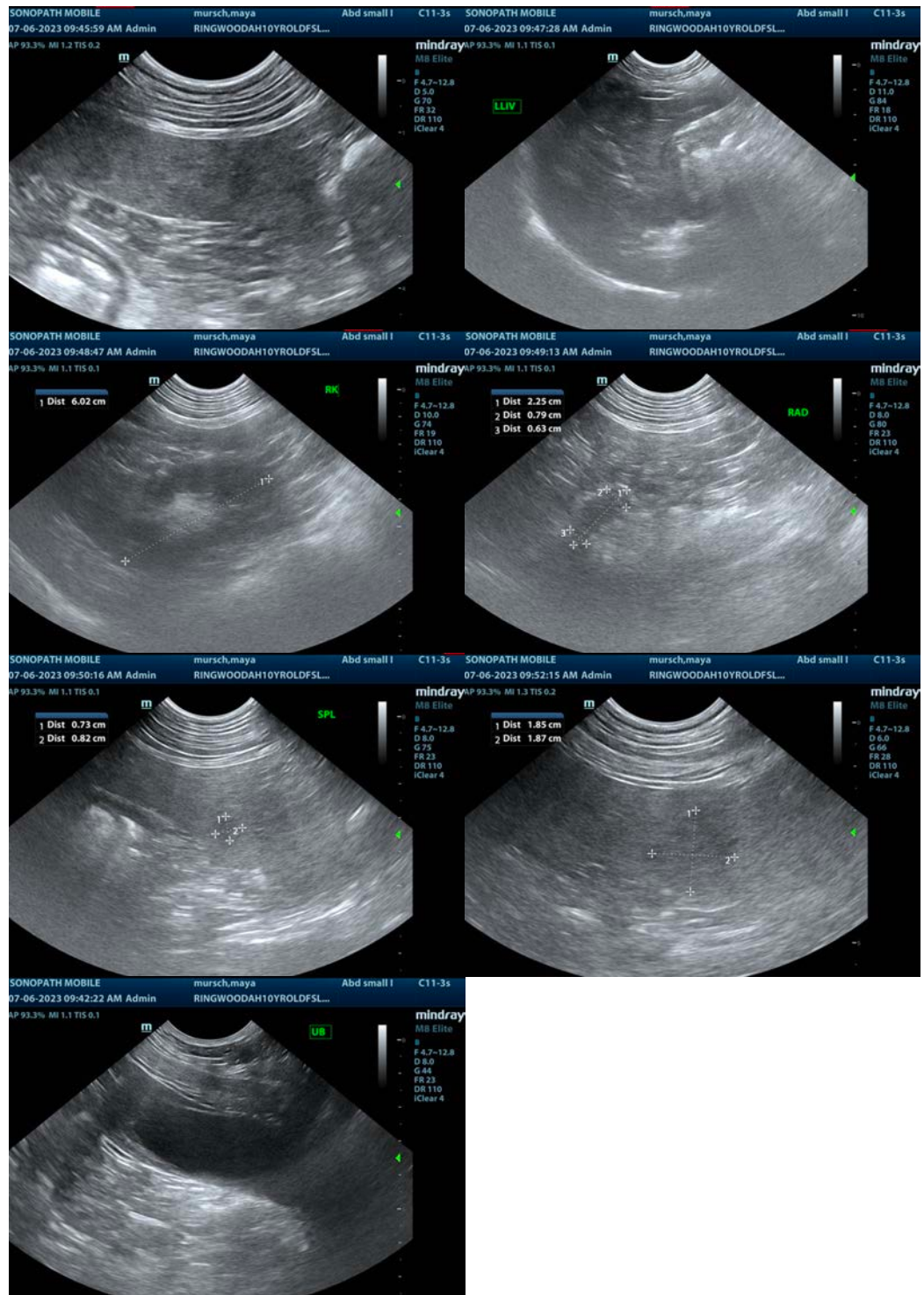
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PATIENT

Maya Mursch

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

Labrador Retriever

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

info@SonoPath.com

SEX

Spayed Female

AGE

10 Years

WEIGHT

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