



PATIENT

Zoe Mandas

SPECIES

Canine

BREED

Vizsla

SEX

Spayed Female

AGE

11 Years

WEIGHT

51 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Animal Care Clinic
of Landing

REFERRING VET

Dr. Casulli

INVOICE

25407

DATE

9/15/21

PRESENTING CLINICAL SIGNS

R/O Liver vs Splenic mass vs Lepto/infectious.

Abnormal PE/Chem/CBC/UA Results: Anemia (non-regen), thrombocytopenia, ALT and ALKP off the scale, TBili 1.3, K+ 3.4

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **right kidney** was mildly swollen with slight pyelectasia and loss of corticomedullary definition and minor heterogeneous cortical changes. The right kidney measured 7.39 cm. The **left kidney** presented similar swollen, irregular contour. The left kidney measured 7.14 cm.

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 2.38 cm x 0.83 cm at the cranial pole and 0.69 cm at the caudal pole. The right adrenal gland measured 2.33 cm x 1.28 cm at the cranial pole and 0.71 cm at the caudal pole.

Spleen

The **spleen** was irregular in contour and revealed a hypoechoic nodule at the caudal pole measuring 0.46 cm. Multiple expansive mixed hypoechoic masses were noted up to 2.66 cm.

Liver

The left **liver** revealed irregular contour and an expansive, undifferentiated 10+ cm mass with ill-defined margins. The mass is likely a focal manifestation of diffuse infiltrative disease.

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 **pancreas** was hypoechoic and mildly irregular in the right limb with enhanced mesentery, likely a secondary paraneoplastic manifestation.

ULTRASONOGRAPHIC FINDINGS

- Diffuse aggressive infiltrative Splenohepatic presentation with masses, non-resectable
- Swollen kidneys
- Hypoechoic, irregular right pancreatic limb



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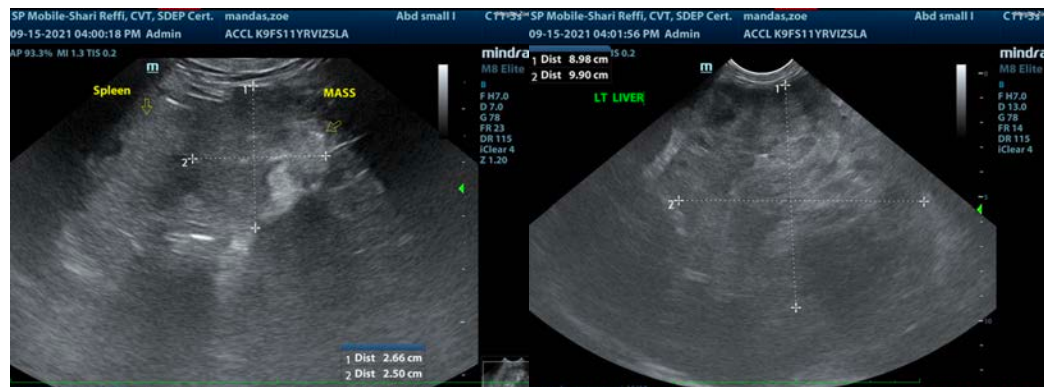
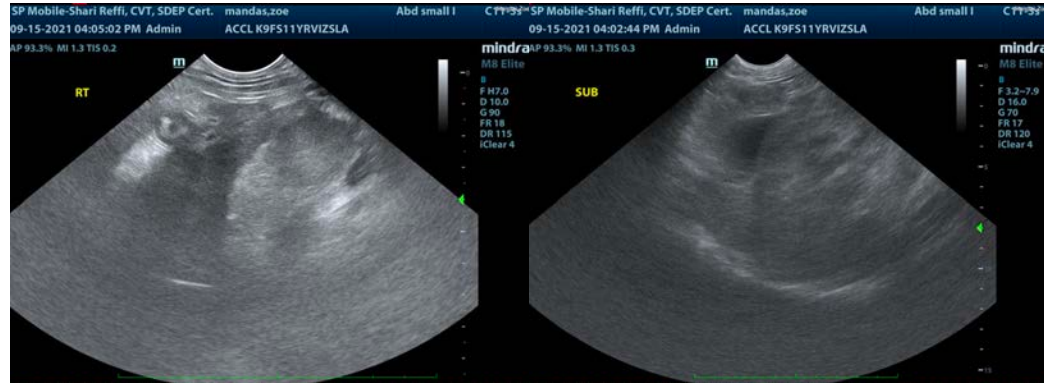
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multicentric round cell neoplasia or hemangiosarcoma suspected. Possible early metastatic pattern to the kidneys. FNA spleen and liver and immediate chemotherapeutic intervention recommended based on cytology results. However, prognosis long-term is poor. Some secondary pancreatitis appears to be present.





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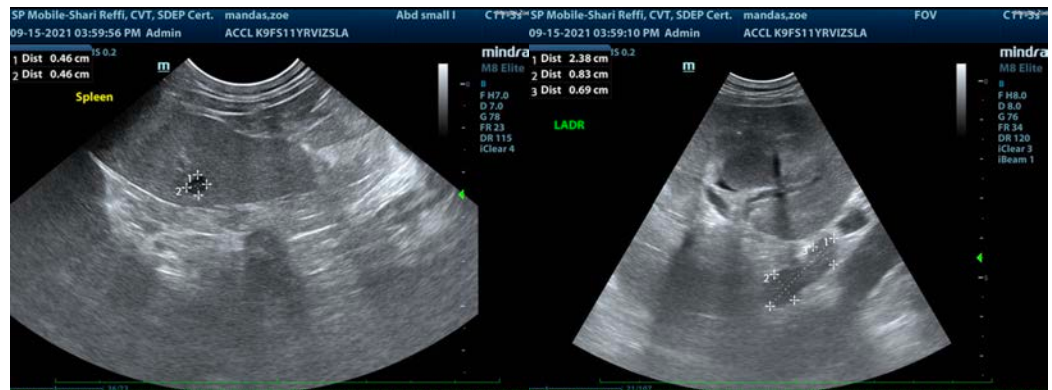
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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