



**PATIENT**

Champ Wilkinson

**SPECIES**

Canine

**BREED**

Rottie

**SEX**

Neutered Male

**AGE**

10 Years 6 Months

**WEIGHT**

93.4 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Joan Gramazio

**HOSPITAL NAME**

Shohola VH

**REFERRING VET**

Dr. Livia Demeo

**INVOICE**

23511

**DATE**

7/20/23

**PRESENTING CLINICAL SIGNS**

History: Sedated with Midazolam 0.9ml + Trob 0.9ml IV. Abdominal mass effect on rads, chronic diarrhea, weight loss and lethargic.

Abnormal PE/Chem/CBC/UA Results: May blood work RBC 5.16 (5.39 - 8.70 M/ $\mu$ L) Hematocrit 36.0 (38.3 - 56.5 %) Hemoglobin 11.7 (13.4 - 20.7 g/dL) MCHC 32.5 (32.6 - 39.2 g/dL) Neutrophils 15.8 (2.94 - 12.67 K/ $\mu$ L) Albumin 2.5 (2.7 - 3.9 g/dL) UA- granular casts proteinuria

\*29 images were received and evaluated.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** wall was thickened with a minor amount of sand present.

The **prostate** was mildly irregular, as was the prostatic urethra, measuring approximately 1.3 cm in width. The prostate revealed a mineralizing mass, measuring 3.5 cm with peripheral inflammation.

The **iliac lymph nodes** were enlarged, hypoechoic, irregular and peripherally inflamed, measuring up to 2.5 cm.

The **kidneys** were not visualized.

**Adrenal Glands**

The **adrenal glands** were not visualized.

**Spleen**

The **spleen** revealed multiple mixed hypoechoic expansive parenchymal masses, measuring up to 7.0 cm. Other target lesions were noted. The two pathologies are likely unrelated.

**Liver**

The **liver** revealed mild heterogenous hypoechoic parenchymal changes- strong concern for metastatic disease given the splenic presentation. The changes were subtle. The gallbladder and common bile duct were unremarkable.

**Gastrointestinal**

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

**ULTRASONOGRAPHIC FINDINGS**



**PATIENT**

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- Prostatic mass
- Multicentric splenic masses
- Heterogenous liver
- Iliac lymphadenopathy
- Thickened urinary bladder wall with a minor amount of sand
- Partially full stomach

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Multicentric neoplasia is suspected, probable splenic involvement. FNA of the prostate, iliac lymph nodes, spleen and liver are all indicated with immediate chemotherapeutic intervention.

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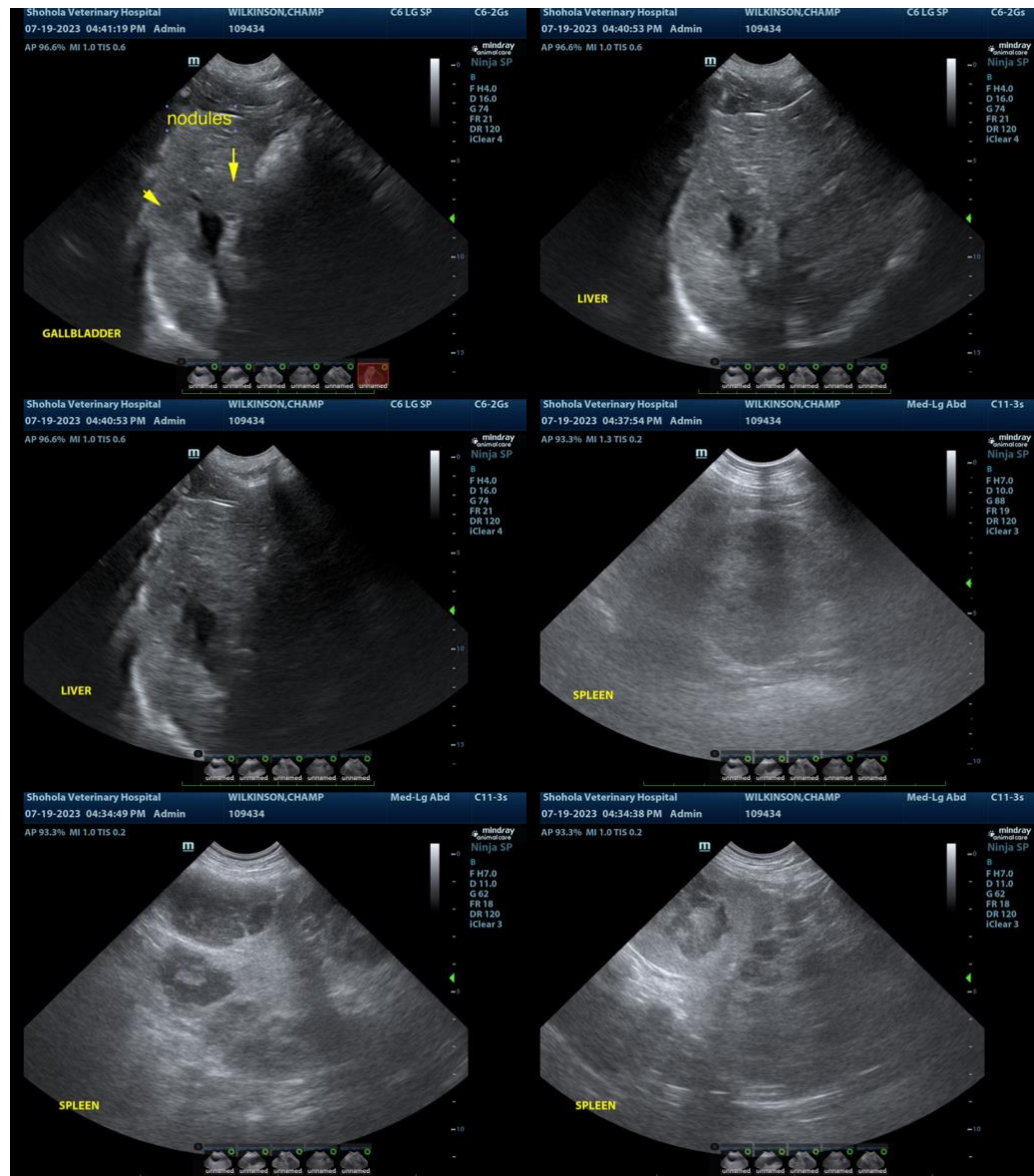
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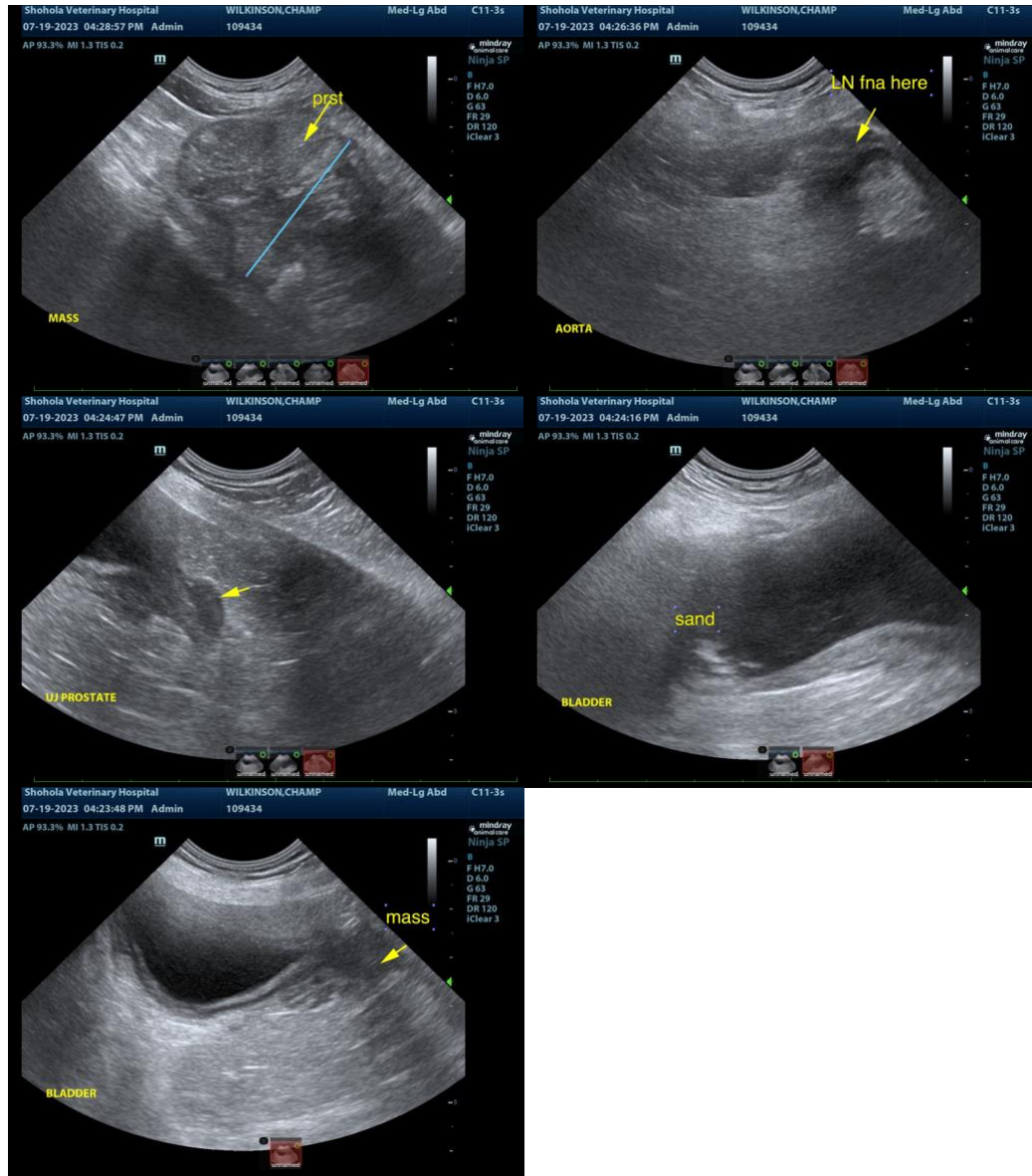
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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