



## PATIENT

Poseidon Zambigadis

## SPECIES

Canine

## BREED

Shih Tzu

## SEX

Neutered Male

## AGE

13

## WEIGHT

11 pounds

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP(CFM), Cert.  
IVUSS

## IMAGING PERFORMED BY

Dr. Wasserman

## HOSPITAL NAME

Village Pet Clinic

## REFERRING VET

Dr. Defabio

## INVOICE

14080

## DATE

03/09/26

## PRESENTING CLINICAL SIGNS

- Current Medications Gabapentin, Novox, Clavamox
- Rectal/anal mass detected on PE
- Chest radiographs pending by referring veterinarian
- History provided by referring veterinarian.
- Purpose of Sonogram: Survey the abdomen for metastatic criteria

Abnormal PE/Chem/CBC/UA Results: • Total Calcium High at 16

## 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.

Enlarged irregular mineralized iliac mass was present measuring 7.4 cm x 4.0 cm and continuing into the pelvic inlet. Additional regional coalescing small lymph nodes were present.

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 his age patient. Medullary structure differed distinctly from that of the cortex. Dystrophic mineralization was noted and non-obstructive at this time. The left kidney measured 4.6 cm in length. The right kidney measured 4.34 cm in length. An anechoic cyst was present in the left kidney measuring 4.0 mm.

### 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 2.27 cm x 0.49 cm width at the caudal pole and 0.37 cm width at the cranial pole. The right adrenal gland measured 2.48 cm x 0.82 cm width at the cranial pole and 0.38 width at the caudal pole.

### Spleen

The **spleen** revealed a mixed hypoechoic nodule without significant disruption of architecture measuring 1.06 cm with a 1.13 cm nodule in the cranial and mid body and a macronodular change measuring 2.28 cm x 1.67 cm. These changes are consistent with a splenic mass given the size.

### Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor 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 sand with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,



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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. Slight small nonobstructive calculi was noted.

**SPECIES**

**Gastrointestinal**

Canine

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.

**BREED**

Shih Tzu

**Pancreas**

**SEX**

Neutered Male

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.

**AGE**

13

**Free Abdomen**

Rapid view of the **heart** revealed no evident pathology.

**WEIGHT**

11 pounds

**ULTRASONOGRAPHIC FINDINGS**

- Splenic nodules and mass.
- Age-related renal changes with mineralization and left kidney anechoic cyst.
- Age-related abdominal changes.
- Iliac lymph nodes with pelvic mass- round cell neoplasia versus metastatic disease.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Proactive splenectomy is recommended. Ultrasound guided FNA of the splenic nodules and pelvic mass is indicated. Anal gland palpation and/or imaging is warranted to assess for potential anal gland adenoma.

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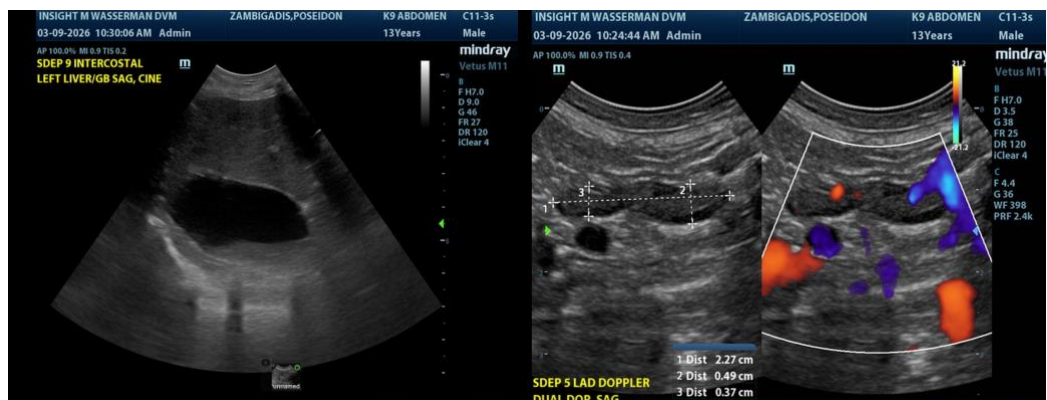
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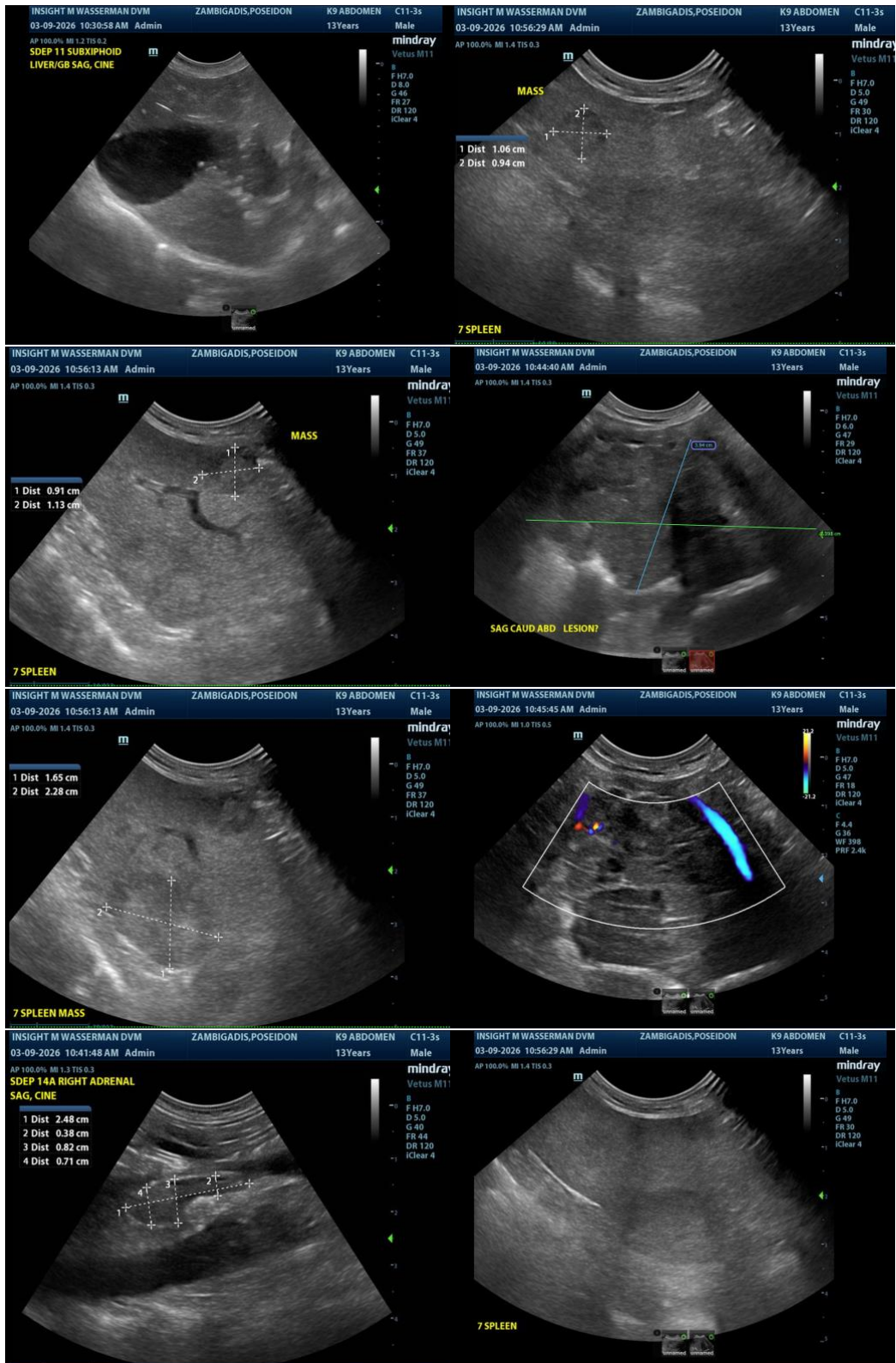
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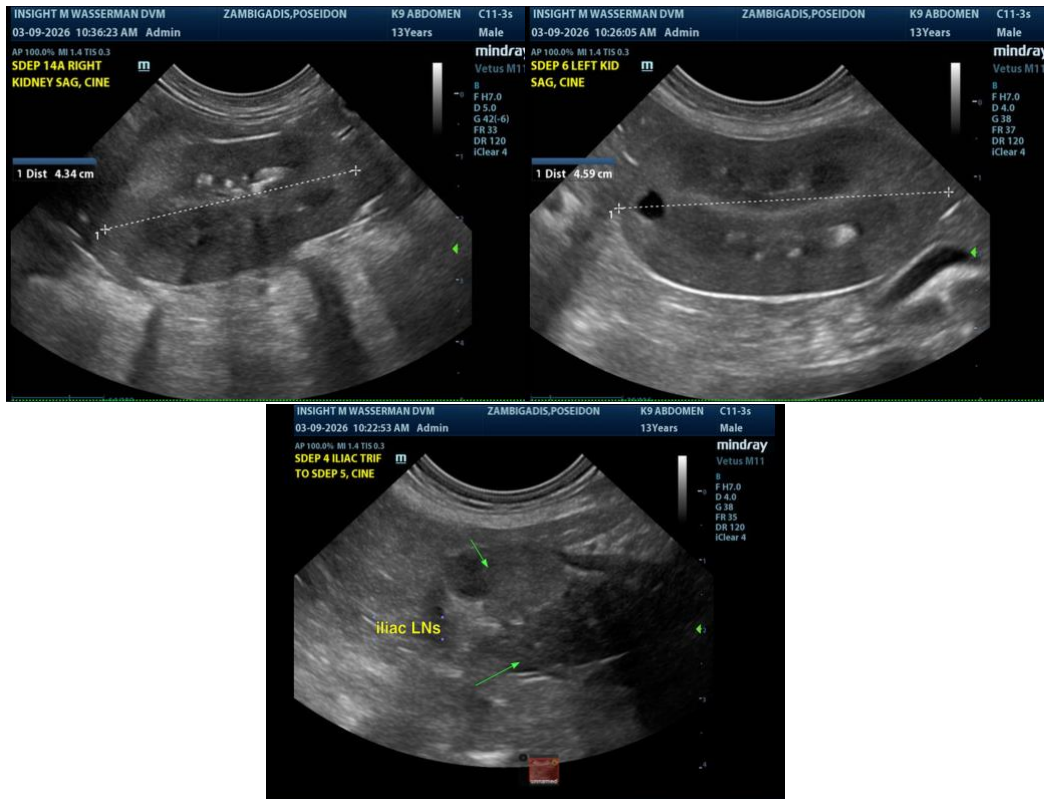
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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(CFM), Cert. IVUSS,**

CEO, Owner, Founder -- SonoPath.com

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