



**PATIENT**

Theo Zenelaj

**SPECIES**

Canine

**BREED**

English Bulldog

**SEX**

Neutered Male

**AGE**

14 Months

**WEIGHT**

46.6 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Matt Haghigat

**HOSPITAL NAME**

Beaches-Fallingbrook  
Vet Clinic

**REFERRING VET**

Dr. Matt Haghigat

**INVOICE**

35169

**DATE**

1/28/22

**PRESENTING CLINICAL SIGNS**

Theo is a 14-month-old neutered male English Bulldog presented for weight loss and lethargy over the past 3 months. On the exam an abdominal mass was palpated and he was painful on palpation. His blood work 2 weeks ago revealed a moderate non-regenerative anemia. He has lost almost 9 lbs over the past 5 months.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**\*\*28 still images submitted. Please submit video if at all possible.**

**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 **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. The capsules were acceptably uniform without significant irregularities.

**Adrenal Glands**

The **adrenal glands** were not visualized. However, may be encompassed by the cranial abdominal mass or may be the origin of the mass.

**Spleen**

The **spleen** revealed multifocal hypoechoic nodular changes with irregular contour and loss of mural detail.

**Liver**

The visible **liver** appeared largely unremarkable.

**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**

An undifferentiated cranial abdominal mass was noted, measuring approximately 6.0 cm. Exact origin could not be ascertained. However, it did deviate the left kidney. Areas of the mass appeared to be somewhat mineralized. Regional distorted lymph nodes also present. Regional inflammation noted around the mass.



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**ULTRASONOGRAPHIC FINDINGS**

- Undifferentiated mid abdominal mass with regional lymphadenopathy
- Nodular splenic changes

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound guided FNA of the spleen and mass warranted. This is not a surgical presentation. The visible pattern based on 28 still images would suggest multicentric round cell neoplasia, yet further imaging and sampling necessary.

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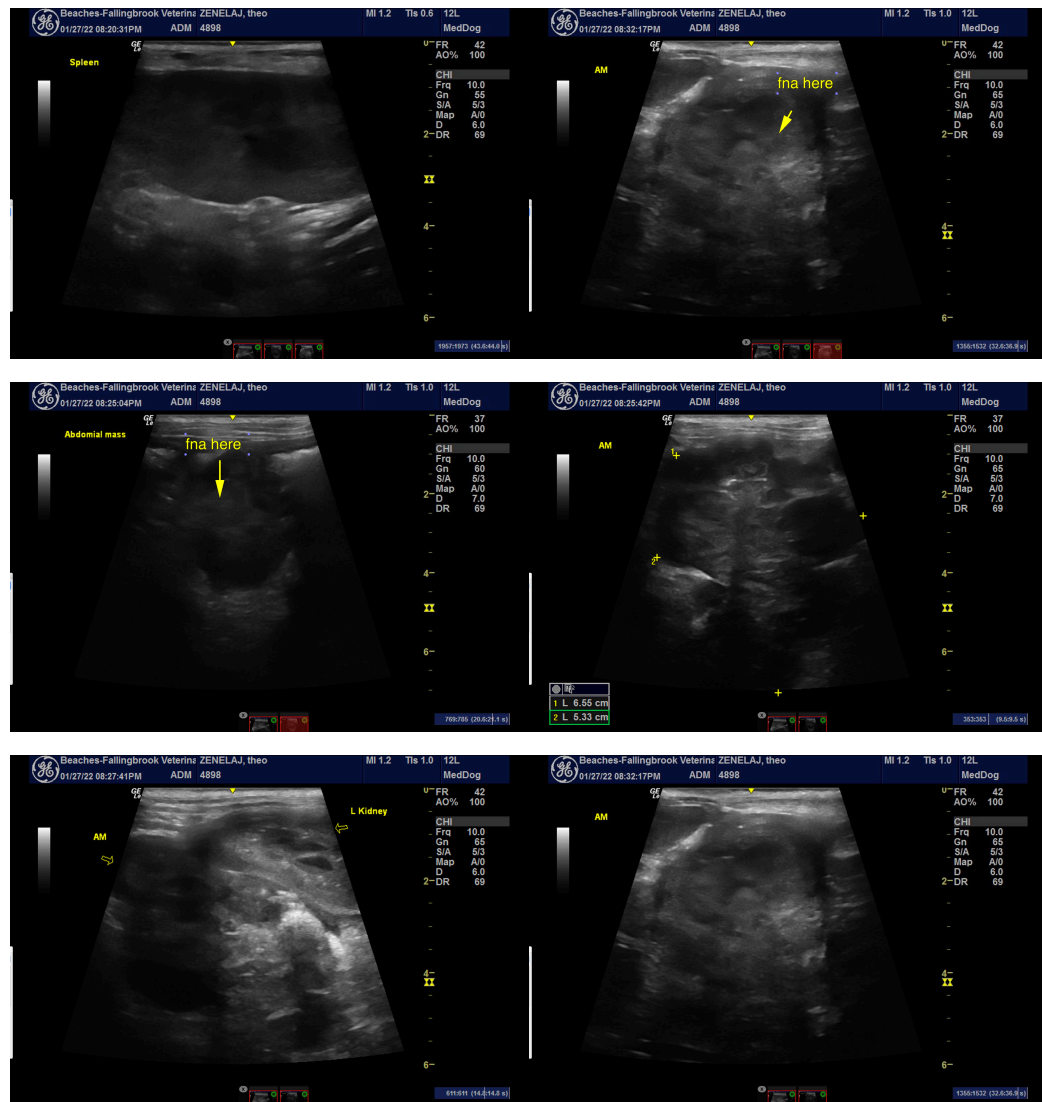
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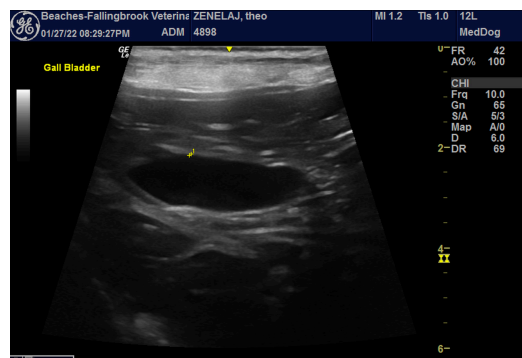
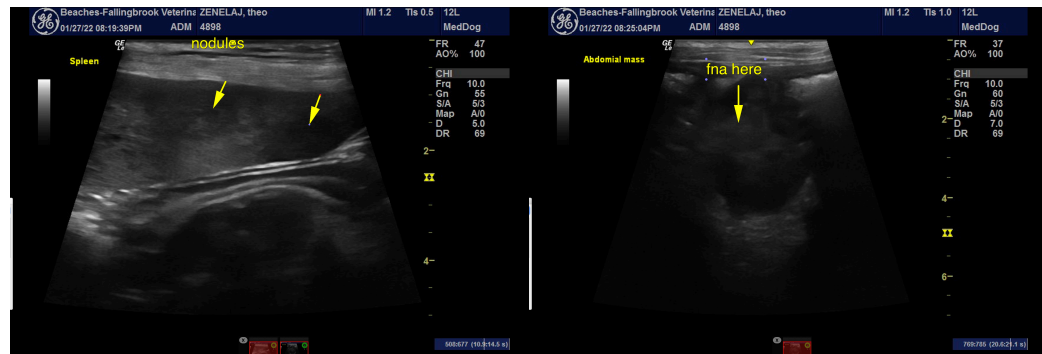
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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](mailto:info@SonoPath.com)