



## PATIENT

Delsi Black

## SPECIES

Canine

## BREED

Shepherd Mix

## SEX

FS

## AGE

10yr

## WEIGHT

32.2kg

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## IMAGING PERFORMED BY

Patti Mayfield, DVM

## HOSPITAL NAME

Broken Top Veterinary  
Clinic

## REFERRING VET

Terra McSwain, DVM

## INVOICE

24283

## DATE

03/24/2026

## PRESENTING CLINICAL SIGNS

Hyporexia & weight loss AUS recommended prior to COHAT

Abnormal PE/Chem/CBC/UA Results: 3/3/2026 Senior Screen: - Borderline anemia; RBC: 5.67 (L), HGB: 14.4 (L) - Leucopenia, WBC: 3.5 (L), PMN: 2.38 (L); LYMPH: 0.85 (L) - SDMA: 22 (H) - PHOS: 2.4 (L) - cPL: wnl - 4DX: neg - TT4/FT4: wnl - Fecal: NEG - Cancer Dx Lymphoma: Normal

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 5 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.6 cm in length. The right kidney measured 6.7 cm in length.

No evidence of medial iliac or sublumbar lymphadenopathy or masses.

### Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.58 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.8 cm width at the caudal pole.

### Spleen

Generalized splenomegaly exhibiting heterogeneous parenchyma. Mildly expansive yet non-capsule deforming non-homogenous to hypoechoic cranial and caudal splenic nodules were present. An example of a nodule measured 2.1-2.2 cm in diameter.

### Liver/Gallbladder

Non-congested mild hepatomegaly with rounded hepatic capsule contour. Mild non-homogenous to mild increased hepatic parenchyma echogenicity compared to the spleen. No visualized masses or nodules were present. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and mild non-organized debris. The cystic and common bile ducts were normal.

### Gastrointestinal

The stomach presented intact mildly thickened wall. The lumen of the stomach was empty with mild lumen gas and no signs of obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material.



**PATIENT**

Normal visible colon wall layers were present with apparent formed feces in lumen.

Delsi Black

**Pancreas**

**SPECIES**

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

Canine

**Free Abdomen**

**BREED**

Mild volume perihepatic and perisplenic effusion.

Shepherd Mix

Multiple mild to variably hypoechoic to swollen mid-abdomen mesenteric lymph nodes and surrounding perilymphatic hyperechoic omentum.

**SEX**

**ULTRASONOGRAPHIC FINDINGS**

FS

**Primary**

**AGE**

- Enlarged non-homogenous spleen with expansive nodules
- Enlarged non-congested liver exhibiting mild heterogeneous parenchyma
- Mild non-organized gallbladder debris
- Mid-abdomen mesenteric lymphadenopathy with perilymphatic hyperechoic omentum
- Mild perihepatic /perisplenic effusion
- Mildly thickened empty stomach, overall normal small intestine

10yr

**WEIGHT**

32.2kg

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

Although sampling is required for further clarification, the hepatosplenic presentation and mesenteric lymphadenopathy is highly suggestive of multicentric round cell neoplastic criteria. Assuming normal clotting status and using a 25g needle, a hepatosplenic and accessible lymph node FNA for screening cytology in conjunction with effusion analysis is recommended for further assessment and possible definitive diagnosis. Early gastric or gastrointestinal involvement if neoplastic process is confirmed would be suspected.

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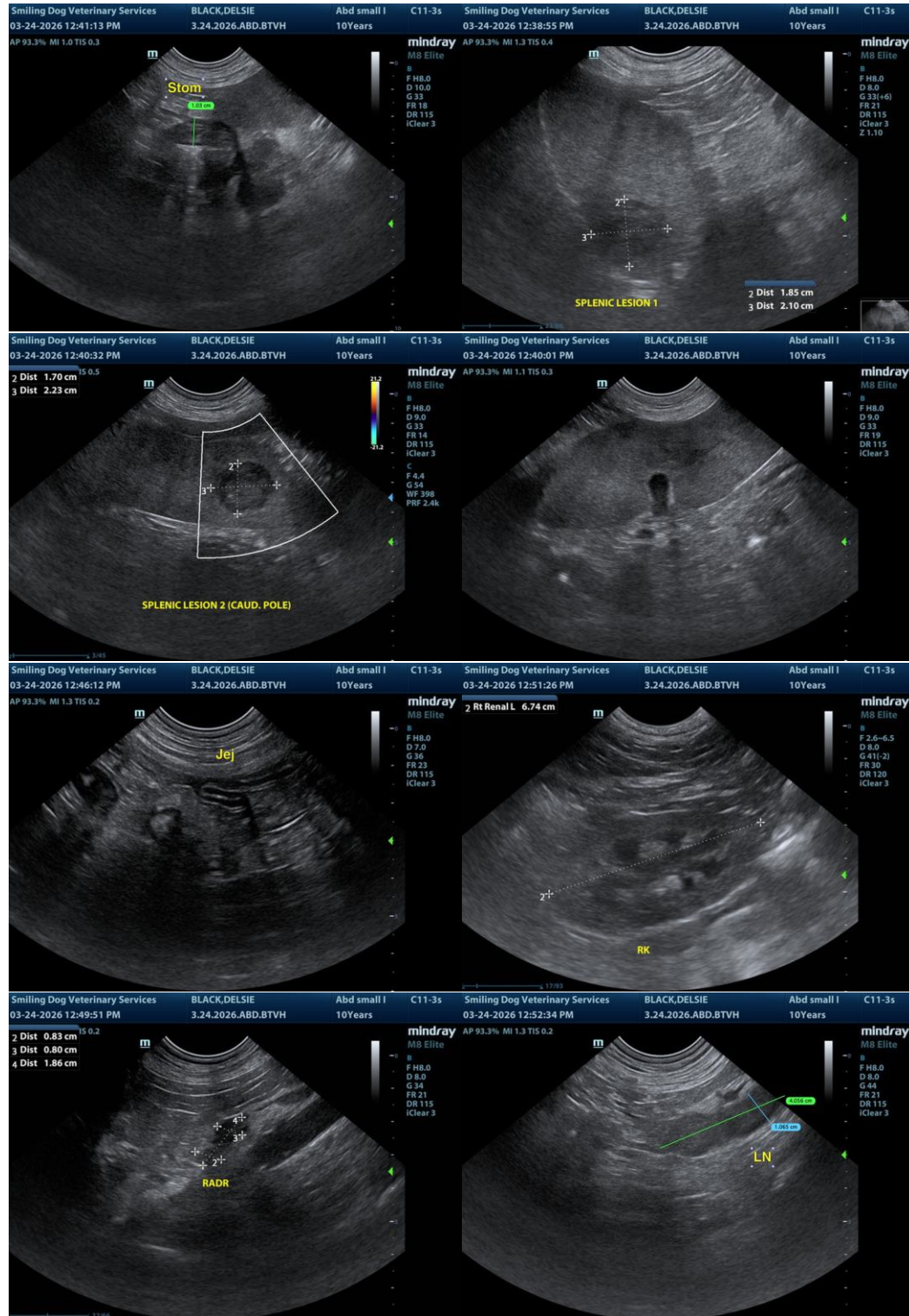
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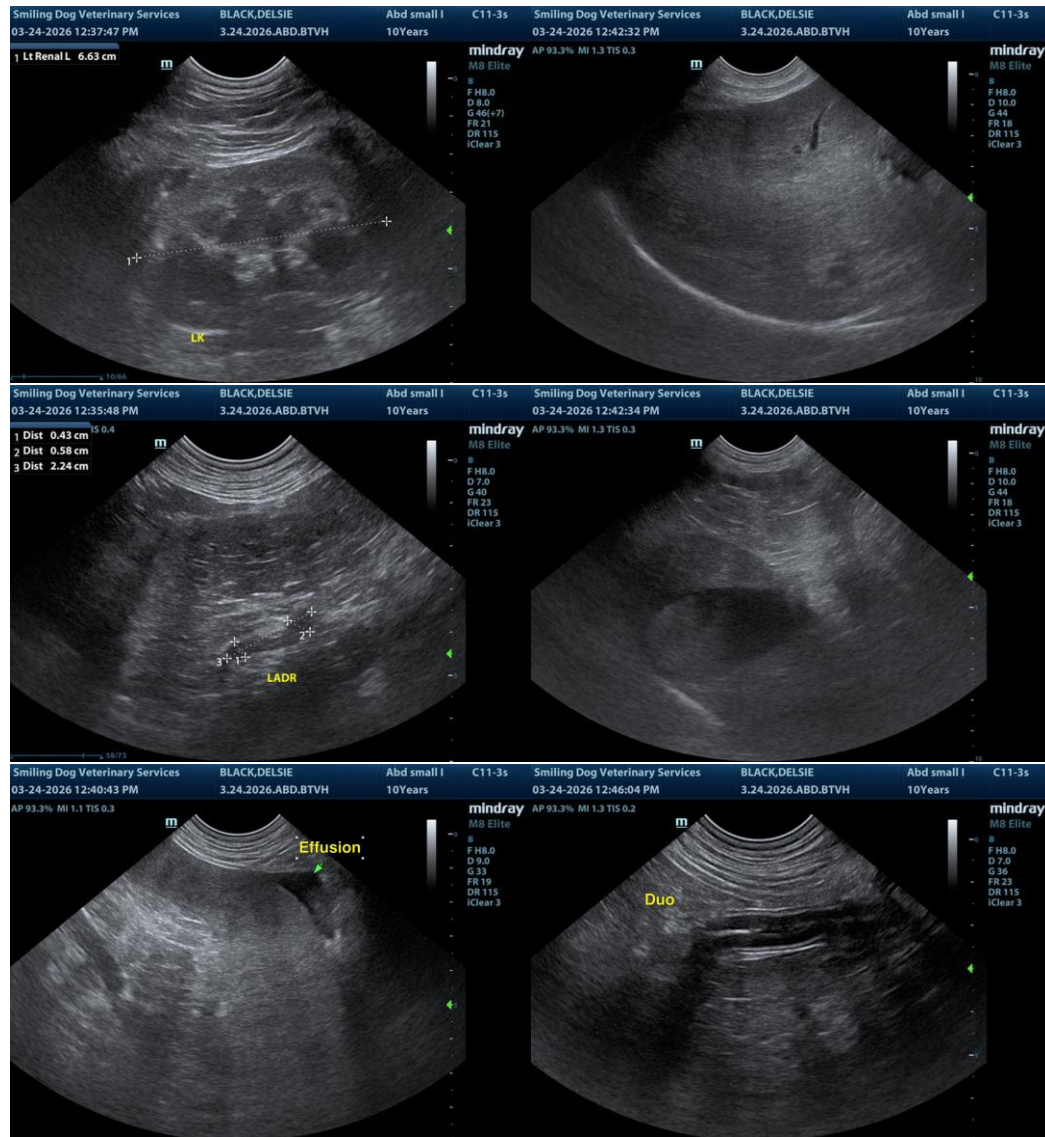
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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