



**PATIENT**

Madison Stine

**PRESENTING CLINICAL SIGNS**

History: tumor spleen.

**SPECIES**

Canine

**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 was noted. Ureteral papillae were normal.

**BREED**

Englisih Black Lab

**SEX**

Spayed female

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. The left kidney measured 7.0 cm with slight pyelectasia.

**AGE**

8 years

**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 0.88 cm at the cranial pole and 0.67 cm at the caudal pole. The right adrenal gland measured 0.9 cm at the cranial pole and 0.5 cm at the caudal pole.

**WEIGHT**

110 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

An extensive 14 cm, moderately complex, parenchymal and microcystic mass was noted and occupied the cranial abdomen. The mass was deriving from the cranial body of the spleen.

**IMAGING PERFORMED BY**

Dr. Leal

**Liver**

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

**HOSPITAL NAME**

North Warren AH

**REFERRING VET**

Dr. Carrado

**INVOICE**

46709

**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

**DATE**

8/22/23



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

## SPECIES

Canine

## 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.

## BREED

English Black Lab

## Free Abdomen

A trace amount of free fluid was noted between the liver lobes.

## SEX

Spayed female

## Heart

Rapid view of the heart revealed no evidence of pathology in the right auricle or pericardium.

## AGE

8 years

## ULTRASONOGRAPHIC FINDINGS

### WEIGHT

110 lbs

Extensive splenic mass.

Trace free fluid.

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUS

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Three view chest radiographs followed by exploratory surgery is indicated. There was no overt evidence of metastatic disease at the time of the sonogram. Hemangiosarcoma is likely, round cell neoplasia or benign hematoma are possible.

## IMAGING PERFORMED BY

Dr. Leal

## HOSPITAL NAME

North Warren AH

## REFERRING VET

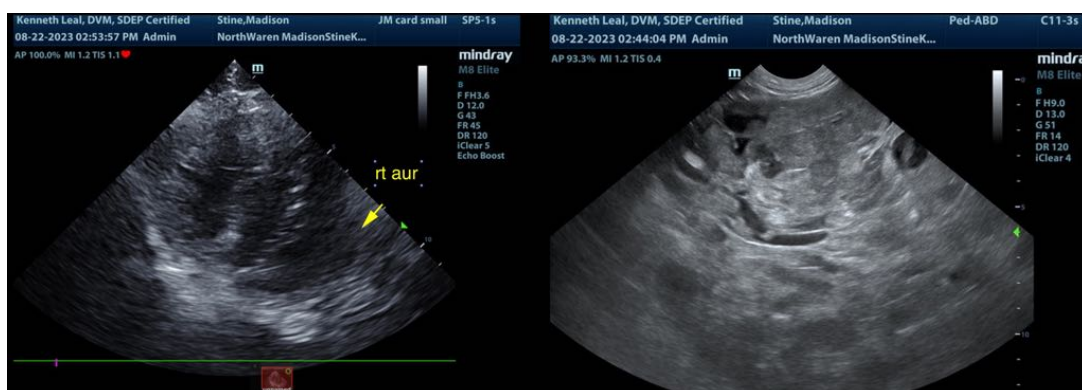
Dr. Carrado

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Madison Stine

**SPECIES**

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**BREED**

English Black Lab

**SEX**

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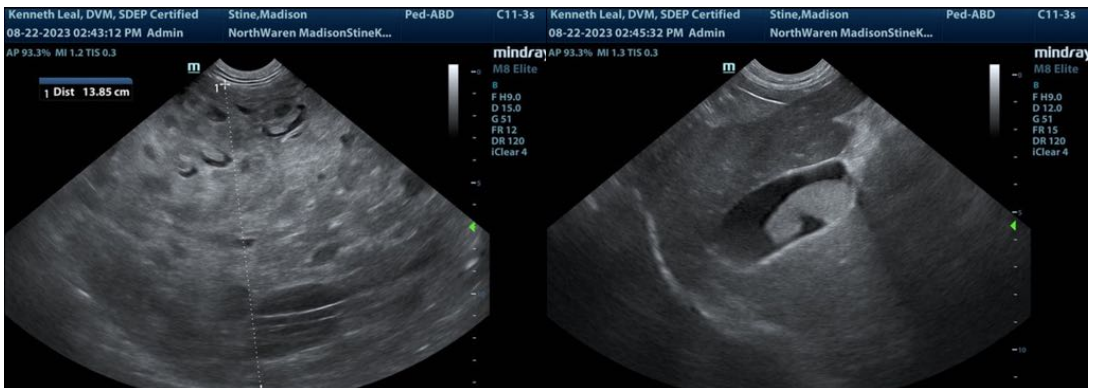
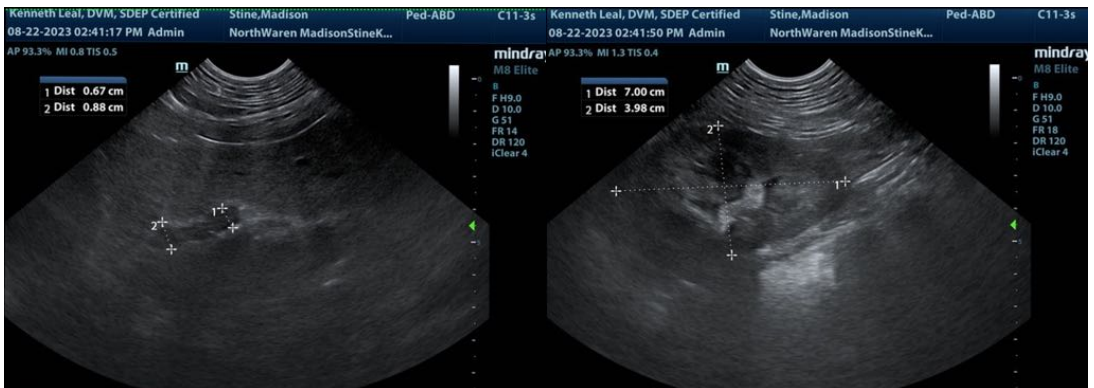
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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.

**BREED**

Englisih Black Lab

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

**SEX**

Spayed female

**AGE**

8 years

**WEIGHT**

110 lbs

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