

PATIENT

Tallulah Schmidt

SPECIES

Canine

BREED

Belgian Malinois

SEX

Spayed female

AGE

2012

WEIGHT

76 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Farview Animal Clinic

REFERRING VET

Dr. Mosaad

INVOICE

31908

DATE

6/21/22

RESENTING CLINICAL SIGNS

History: Not eating, not acting like herself - suspect mass Labs + Radiographs attached

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.

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. The right kidney measured 7.16 cm. The left kidney measured 7.25 cm.

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 right adrenal gland measured 3.45x 0.68 cm at the caudal pole and 0.55 cm at the cranial pole. The left adrenal gland measured 3.21 x 0.67 cm at the caudal pole and 0.86 cm at the cranial pole.

Spleen

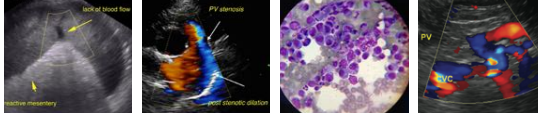
The **spleen** revealed multiple, mixed, hypoechoic parenchymal masses. The largest of which measured 11 x 9.4 cm with regional inflammation. There were slight areas of free fluid noted. Some heterogenous parenchymal changes were noted deriving from the splenic pathology.

Liver

The **liver** was enlarged with increased portal markings and heterogenous parenchymal changes. Mild, irregular swelling was noted. Hyperechoic nodules were noted in the liver. The gallbladder was mildly echogenic with slight free fluid noted between the gallbladder and left liver. Minor excessive debris was noted.

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.



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Pancreas

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The **pancreas** itself was unremarkable.

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ULTRASONOGRAPHIC FINDINGS

Multiple splenic masses.

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Hepatic remodeling and hyperechoic nodules.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious hepatic metastatic lesions, yet some remodeling is present. Micrometastasis is a potential. Screening FNA of the parenchymal portions of the splenic masses and liver could be considered or direct exploratory splenectomy, liver inspection and biopsy as long as chest radiographs and rapid echocardiogram do not reveal any metastatic pathology.

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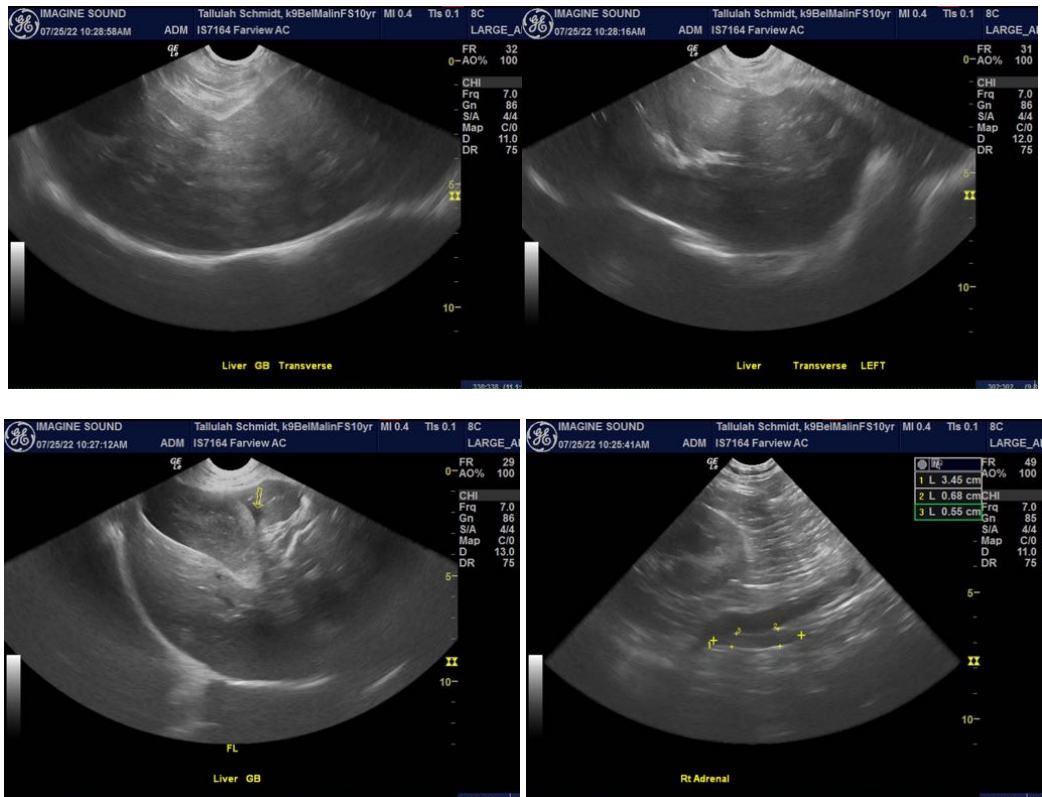
Dr. Mosaad

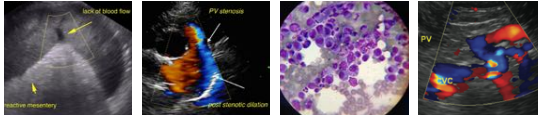
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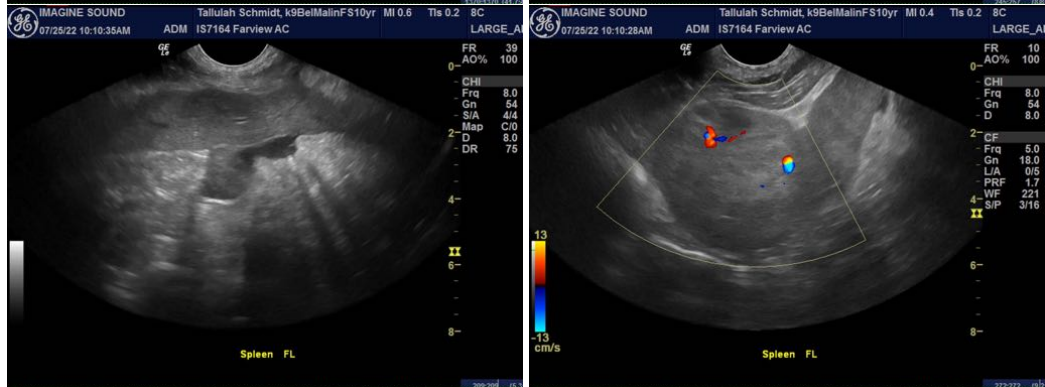
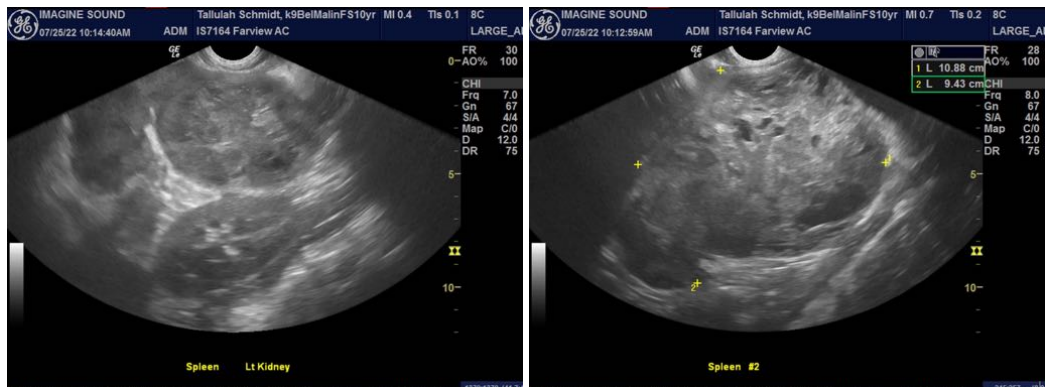
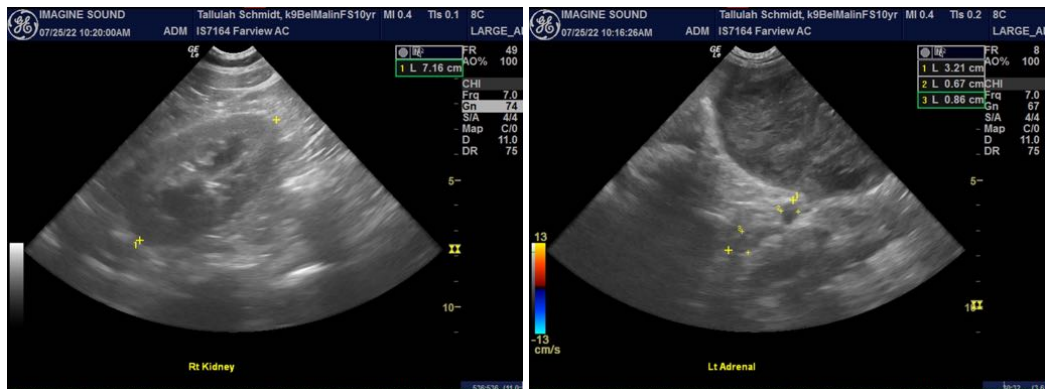
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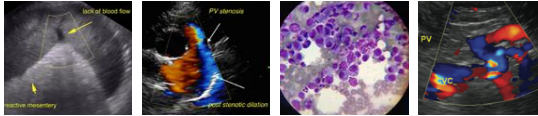
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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Eric.Lindquist@SonoPath.com

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