



PATIENT

Sheba McGlew

SPECIES

Canine

BREED

Rottweiler

SEX

Spayed female

AGE

7 years

WEIGHT

67 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Christensen

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. Christensen

INVOICE

43318

DATE

3/15/23

PRESENTING CLINICAL SIGNS

History: Diagnosed with lymphoma of mesenteric lymph nodes. Responded well to Lomustine. Off Lomustine for past month. Started with vomiting and diarrhea. Suspect re-occurrence.
Abnormal PE/Chem/CBC/UA Results: WNL

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 left kidney measured 6.26 cm and the right kidney measured 7.0 cm.

Adrenal Glands

The left **adrenal gland** was 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 2.06 x 0.8 cm at the cranial pole and 0.66 cm at the caudal pole. The right adrenal gland was not visualized.

Spleen

The **spleen** was mildly enlarged with subtle, micronodular changes, yet unremarkable.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder revealed minor polyps.

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. Variable distal small intestinal thickening was noted without loss of mural detail.



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Pancreas

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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.

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Free Abdomen

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Mixed, hypoechoic, undifferentiated lymph nodes were noted in the mesenteric root in this patient. The lymph nodes are rounded, hypoechoic and peripherally inflamed. The largest grouping measured 5.8 x 3.7 cm. The largest mesenteric lymph node measured 8.0 x 2.9 cm.

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ULTRASONOGRAPHIC FINDINGS

Persistent mesenteric lymphadenopathy with regional inflammation.

AGE

7 years

Variable small intestinal thickening.

Reactive mesentery.

Largely unremarkable organ otherwise.

WEIGHT

67 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient is in partial remission. Oncological overview is recommended. The mesenteric lymph nodes appear particularly aggressive with mild to moderate peripheral inflammation.

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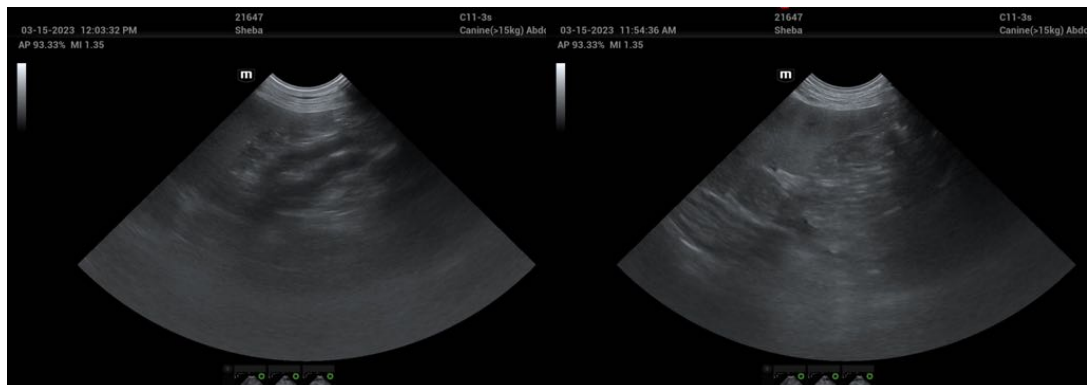
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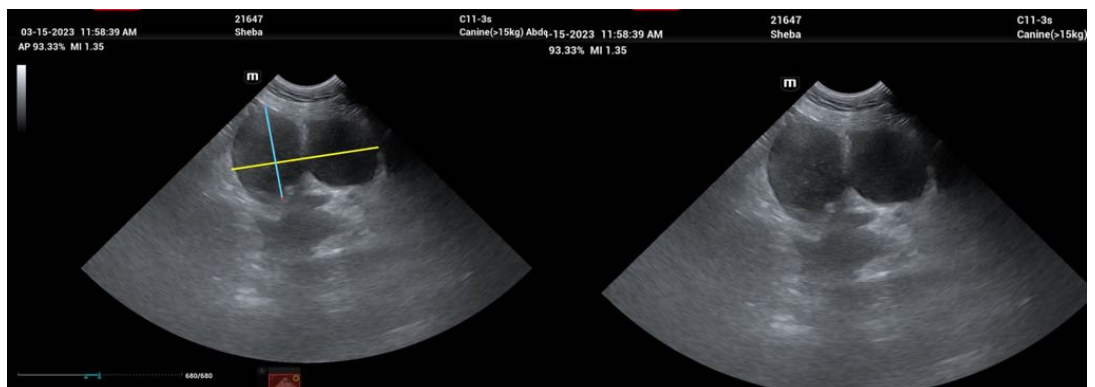
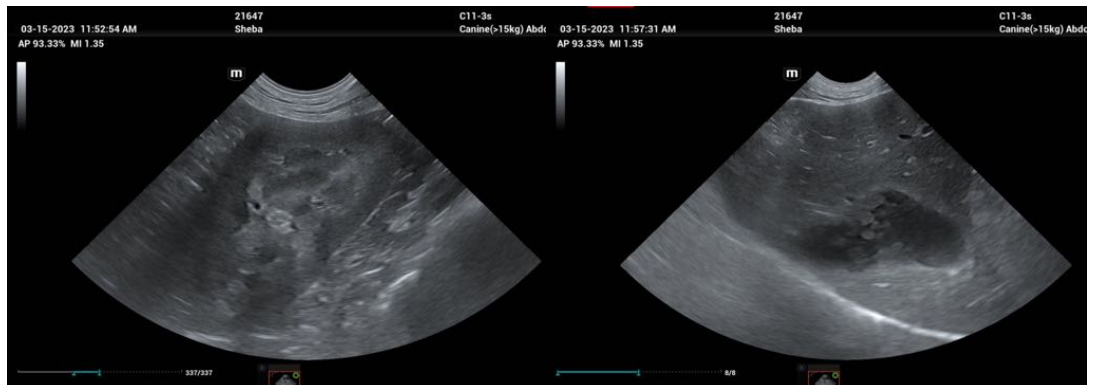
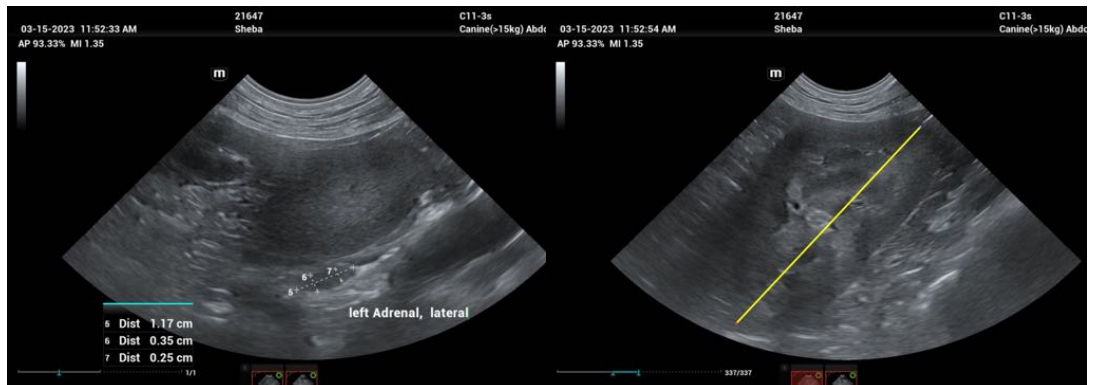
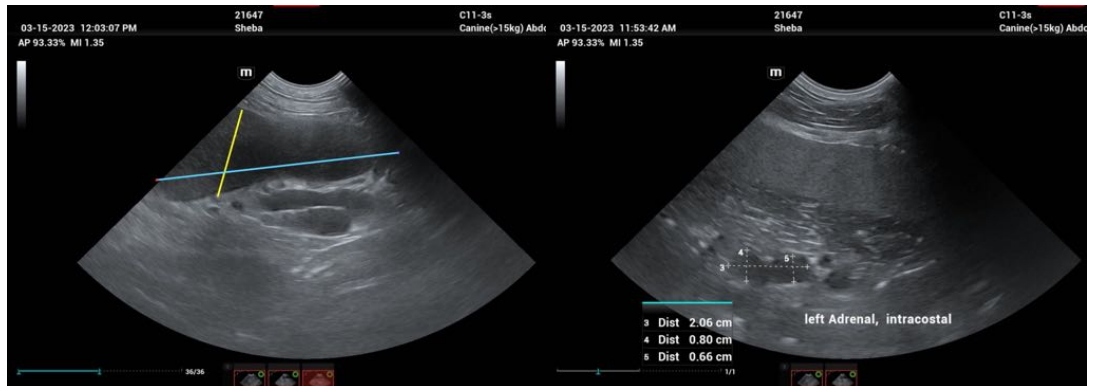
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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info@SonoPath.com

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