

PATIENT

Sofie Grover

SPECIES

Canine

BREED

Morkie

SEX

Spayed Female

AGE

2011

WEIGHT

17.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Brooklyn Heights VH

REFERRING VET

Dr. Thomson

INVOICE

95925

DATE

02/08/22

PRESENTING CLINICAL SIGNS

History: ^ ALT – on Denamarin
Evaluate for hepatitis, mass, other

Labs 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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.45 cm with minor pyelectasia and echogenic debris. The left kidney measured 5.33 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 2.0 x 0.47 cm at the caudal pole and 0.37 cm at the cranial pole. The left adrenal gland revealed a slight, hyperechoic nodule at the caudal pole and measured 0.76 cm, 0.51 cm at the cranial pole and 2.39 cm in length.

Spleen

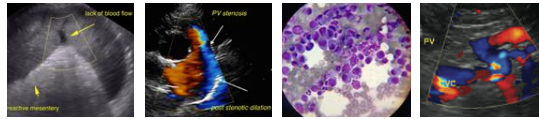
The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** was non-specific with mild, coarse architecture and increased portal markings. The gallbladder and common bile duct were unremarkable with minor uniform enlargement.

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



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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.

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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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ULTRASONOGRAPHIC FINDINGS

SEX

Non-specific, mild chronic inflammatory hepatopathy.

Spayed Female

Pyelectasia and possible pyelonephritis in the left kidney.

Left adrenal adenoma.

AGE

Age related abdominal changes.

2011

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

FNA of the liver could be considered for further definition. Urinary work-up is warranted if not already performed to assess for any inflammatory sediment given the debris and left renal pelvis. There was no evidence of neoplasia. Bile acid profile could be justified to assess if any early hepatic dysfunction is an issue.

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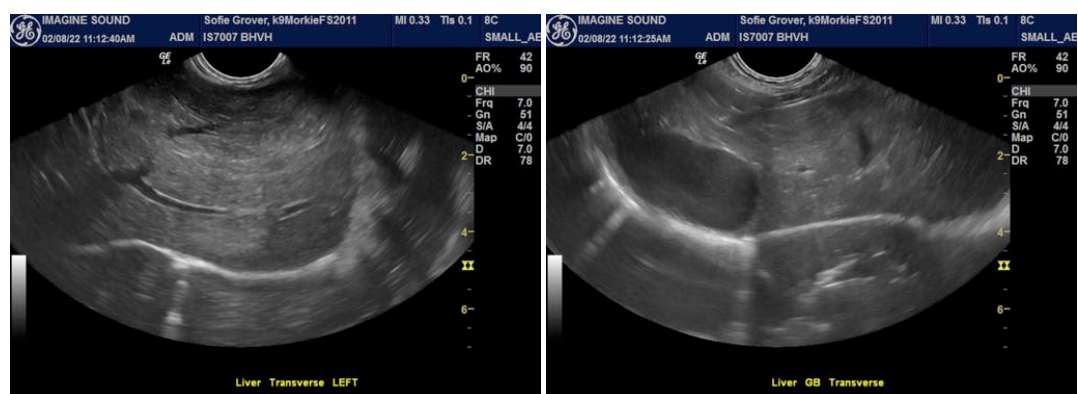
Dr. Thomson

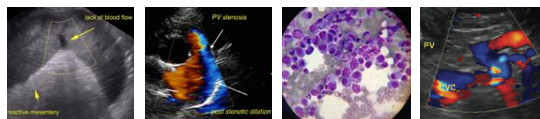
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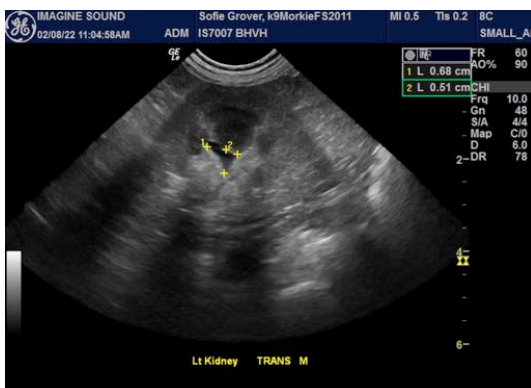
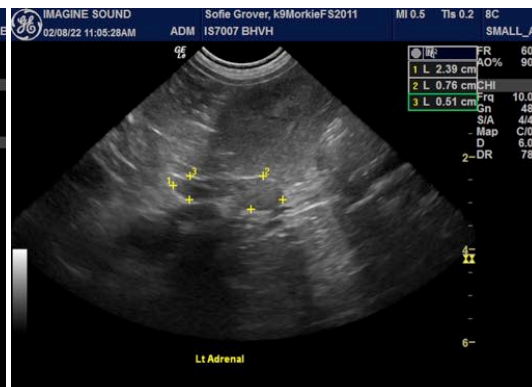
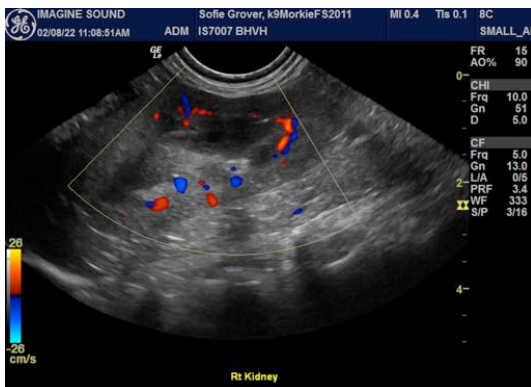
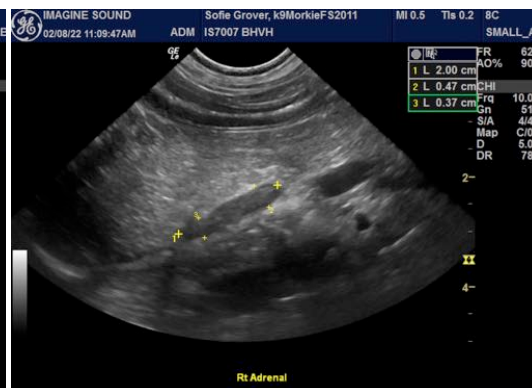
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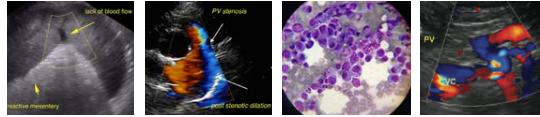
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veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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