

PATIENT

Lola Manfra

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

15 Years 11 Months

WEIGHT

14.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Katie Freson

HOSPITAL NAME

Kings VH

REFERRING VET

Dr. Katie Freson

INVOICE

17058

DATE

8/26/22

PRESENTING CLINICAL SIGNS

History: Hepatomegaly, dental disease, heart disease, and osteoarthritis.

Abnormal PE/Chem/CBC/UA Results: ALT 388, AST 72, ALP 2,137

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented a small amount of sand, nonobstructive. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

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. Nonobstructive mineralization was present in the kidneys. The right kidney measured 5.0 cm. The left kidney measured 5.0 cm.

Adrenal Glands

The **left adrenal gland** was swollen and irregular. The left adrenal gland was visualized obliquely. The left adrenal gland measured 0.5 cm. Further imaging of the left adrenal gland would be ideal.

The **right adrenal gland** was enlarged, measuring 1.2 cm at the cranial pole and 0.8 cm at the caudal pole.

Spleen

The **spleen** was enlarged and irregular.

Liver

The **liver** was enlarged and irregular with swollen contour. The liver was hypoechoic to falciform fat. Isoechoic nodular changes were noted. Slight amounts of free fluid were noted adjacent to the liver lobe. Variable lobar swelling was noted with capsular expansion.

Gastrointestinal

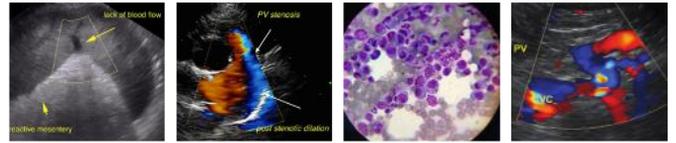
The **gastric** wall was mildly thickened with some early loss of mural detail in the pyloric outflow. The small intestine and colon were unremarkable.

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.

ULTRASONOGRAPHIC FINDINGS

- Swollen and irregular left adrenal gland- Further imaging of the left adrenal gland would be ideal.
- Enlarged right adrenal gland
- Enlarged and irregular spleen



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- Enlarged and irregular liver
- Mild thickened gastric wall with some early loss of mural detail in the pyloric outflow

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the patient appears Cushingoid, then work up for either pituitary dependent or possible left adrenal dependent Cushings. FNA if the liver is indicated. Inflammatory hepatopathy versus emerging round cell neoplasia of the liver is possible.

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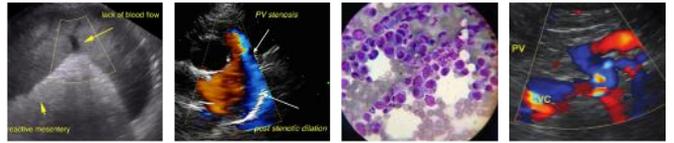
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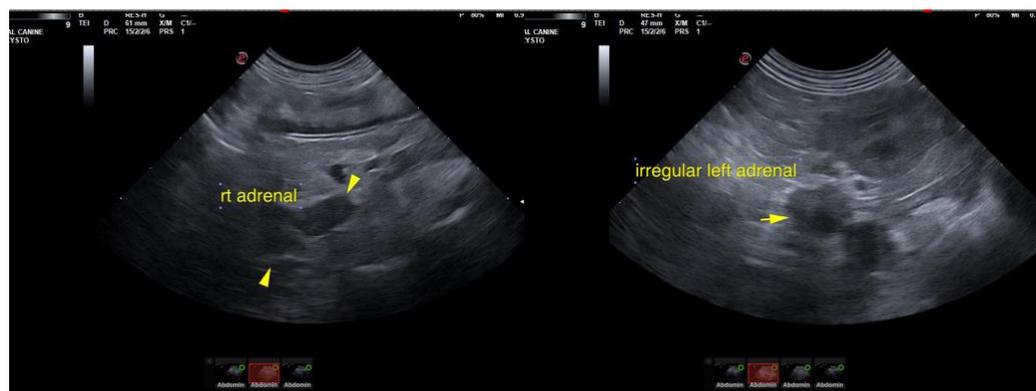
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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