

PATIENT PRESENTING CLINICAL SIGNS

Sasha Demshock Diarrhea, hyporexia, lethargy, history of elevated pancreatic enzymes, wakes from sleep with strange pain or fear behavior Medication: i/d, Metronidazole, Entyce, Gabapentin

SPECIES ALP 225, GGT 16, Thrombocytosis, normal current pancreatic enzyme.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Dachshund

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Spayed Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint areas of medullary mineral present. The left kidney measured 5.2 cm.

AGE

2008

Adrenal Glands

WEIGHT

15.4 Pounds

Both adrenal glands were enlarged, exhibiting variably expansive, non-homogeneously hyperechoic nodular changes. Non-homogeneous cranial left adrenal mass present, measuring approximately 3.2 cm in diameter. The overall left adrenal gland measured 4.0 cm length x 3.2 cm at the cranial pole and 1.3 cm at the caudal pole. The overall right adrenal gland measured 2.8 cm length x 1.6 cm at the cranial pole and 1.3 cm at the caudal pole. Potential indistinct nodule in the area of the right phrenicoabdominal vein present measuring 1.0 cm in diameter.

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Liver

The liver was mildly enlarged. The liver exhibited generalized mild parenchymal remodeling. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

HOSPITAL NAME

White Haven VH

REFERRING VET

N/A

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was primarily empty with mild luminal gas. Gastric body wall measured 0.35 cm.

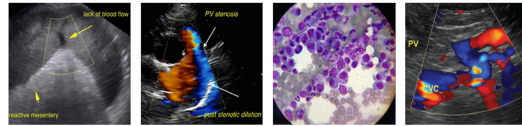
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The small intestine presented intact wall layering and maintained 1:3 muscularis/mucosa ratio with intermittent to indistinct duodenojejunal mucosal speckling. Jejunum wall measured 0.36 cm. Duodenum wall measured 0.48 cm. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

DATE

3/9/22



PATIENT Normal visible colon wall layers were present with semiformal to soft feces.

Sasha Demshock **Pancreas**

SPECIES The parenchyma of the pancreas was hyperechoic to adjacent omental fat with diffuse parenchyma remodeling. The capsule of the pancreas was mildly asymmetrical in contour without evidence of peripancreatic inflammation. These changes may suggest chronic inflammation, fibrosis, or saponification if previous history of pancreatitis. No overt signs of pancreatic neoplasia.

Canine

BREED **Free Abdomen**

Dachshund No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- SEX**
- Bilateral nodular adrenomegaly with cranial left adrenal mass, possible vascular involvement of the right phrenicoabdominal vein.
 - Mild to moderate chronic renal changes
 - Hepatopathy – subjectively benign.
 - Mild gastroenterocolitis pattern, potential inflammatory bowel
 - Chronic pancreatitis/fibrosis
- Spayed Female
- AGE**
- 2008

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT Both adrenal glands are abnormal with potential considerations including functional/non-functional adenomatous change, hyperplasia, or possible bilateral adrenal tumors (i.e., pheochromocytoma, adenocarcinoma, or other). The cranial left adrenal gland is suspected to be neoplastic, although no overt evidence of left vascular invasion was definitively evident. The right adrenal gland exhibited potential for early phrenicoabdominal vein invasion, although not definitive.

15.4 Pounds

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(Canine and Feline)

Although the clinical signs and hepatic presentation are not overtly suggestive of adrenal hyperfunctionality, full adrenal workup including LDDST as well as screening blood pressure to evaluate for systemic hypertension that may elude to underlying pheochromocytoma. Overt evidence of intraabdominal metastasis was not definitively evident. Further evaluation with thoracic radiographs and ideally abdominal CT could be considered. Medical management for gastroenterocolitis and chronic pancreatitis is reasonable. Correlation with a GI panel to include PLI, TLI, cobalamin and folate could also be considered.

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HOSPITAL NAME

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N/A

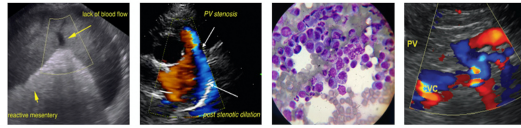


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PATIENT

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SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

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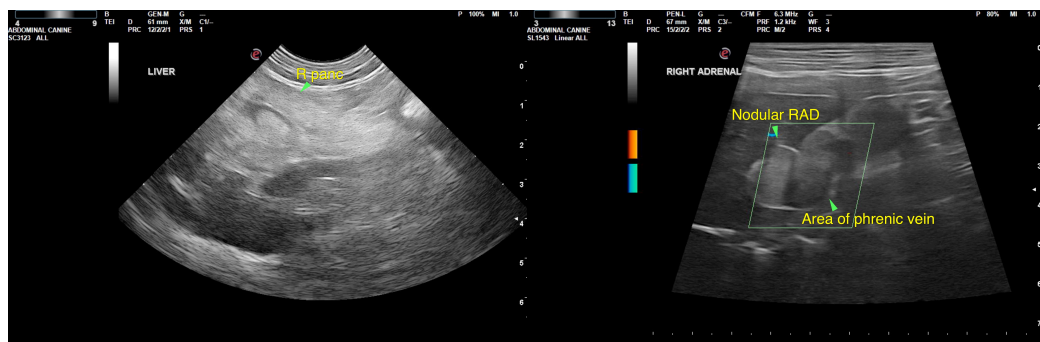
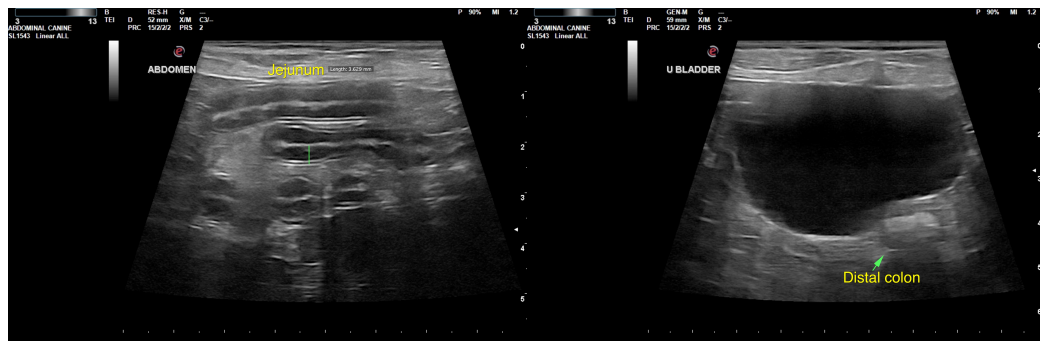
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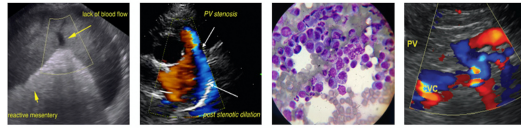
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PATIENT

Sasha Demshock

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

BREED

Dachshund

SEX

Spayed Female

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