

**DATE PRESENTING CLINICAL SIGNS**

8/4/23

Referral from Greenbrier. Seen yesterday (8/2) - Lethargic, decreased appetite, urinating in the basement. Mon/Tues found vomit with grass but unsure which dog did it. 4Dx neg x 4, Sedivue UA - USG 1.004, pH 8.0, prot 500, blood 10. cocci suspected - Tx: Cefpoderm 100 mg - 1 po SID for 7 days & Galliprant 60 mg - 1/2 po SID # 2 (just in case of renal impairment). Recheck Today - Not improving and V+. O states that patient is now vomiting grass and rice from last night's meal. Walking oddly still. Received Cefpoderm and Galliprant last night. CBC WBCs (22k neu, 1.7 mono), HCT 35.7%, platelets low 119k (likely clump)
- Chem Na 138 (L), Cl 107 (L) - x-rays show no sign of obstruction, liver small, spleen looks large, left hip has very poor coverage and right femoral head flat (hip dysplasia)

PATIENT

Moxie Davidson

SPECIES

Canine

BREED

German Shepherd x

SEX

Spayed Female

Current Medications: Unasyn, Cerenia, Ondansetron.
Lab Results: See attached.
Date of Previous IntraPet Ultrasound: No previous.
Sedation: Not required to complete full diagnostic ultrasound.
Stat Report: Not requested.
Imaging Performed By: Rachel Brillhart, RDMS.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**AGE**

8/3/21

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 were noted. Ureteral papillae were normal.

WEIGHT

36 Pounds

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 6.06 cm. The right kidney measured 6.01 cm.

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**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 left adrenal gland measured 2.72 cm x 0.61 cm at the caudal pole and 0.57 cm at the cranial pole. The right adrenal gland measured 2.73 cm x 0.76 cm at the caudal pole and 0.87 cm at the cranial pole.

HOSPITAL NAMEAnimal Emergency
Hospital**REFERRING VET**

Dr. Hicks

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

INVOICE

44506

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 presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy

was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

Pancreas

The **pancreas** was heterogeneous and hypoechoic with undulating contour, measuring up to 1.5 cm on the left limb.

Other

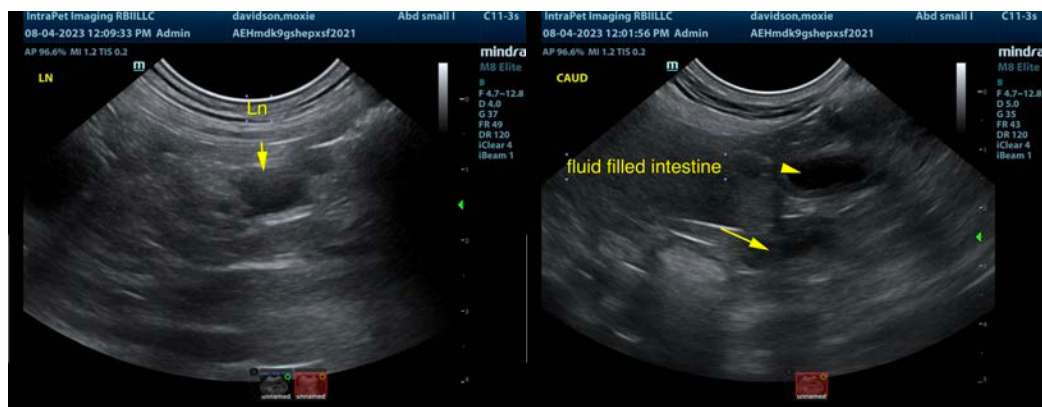
Reactive mesenteric lymph node noted at 1.03 cm.

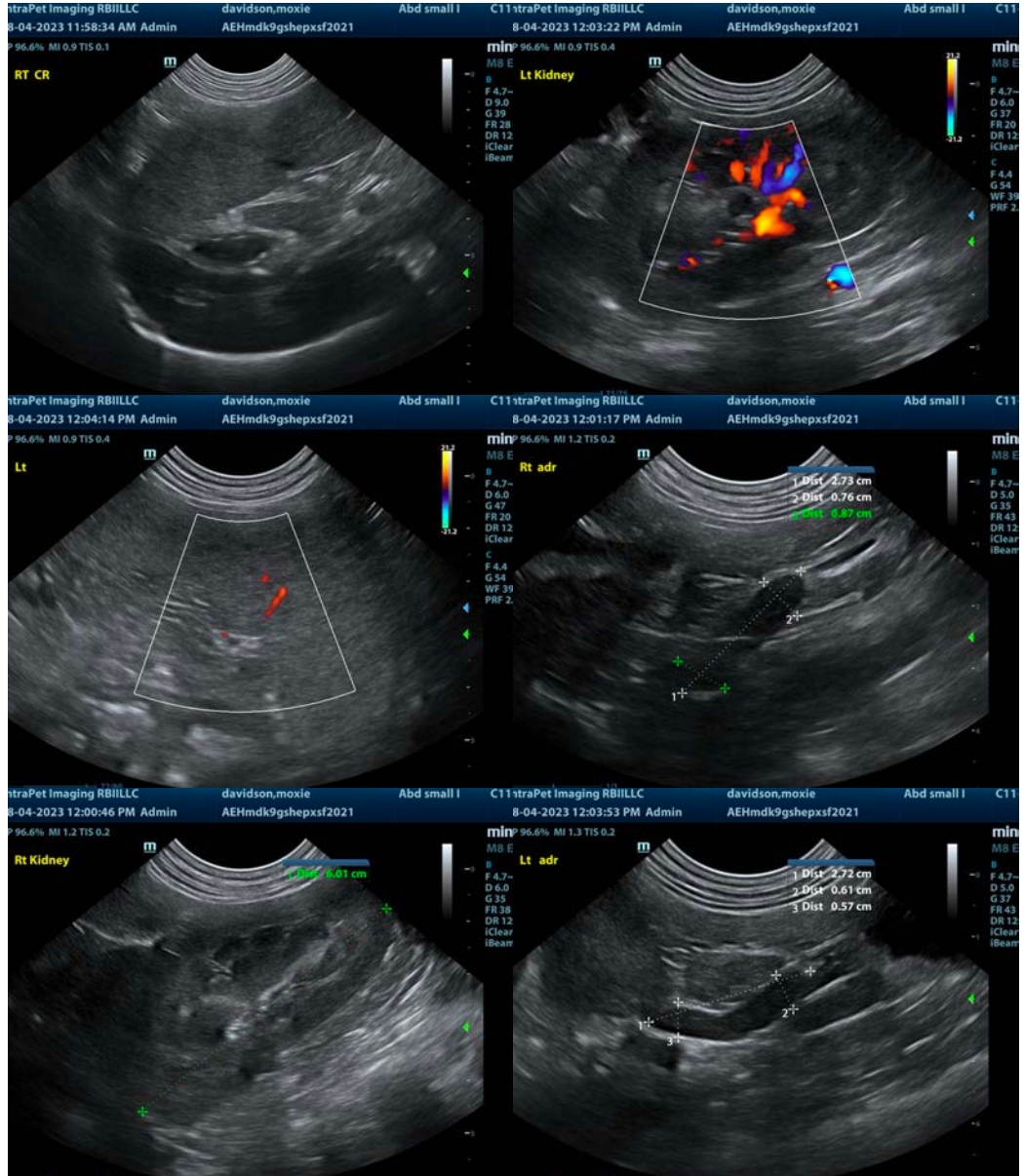
ULTRASONOGRAPHIC FINDINGS

- Gastroenteritis pattern with reactive lymph nodes
- Heterogeneous, hypoechoic pancreas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No structural evidence of urinary tract disease. Underlying UTI should be ruled out if not already done. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.







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.

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