



PATIENT

Hans Moak

SPECIES

Canine

BREED

German Shepherd

SEX

Intact Male

AGE

9 Years

WEIGHT

93

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack/Griffin

HOSPITAL NAME

Northside Vet Clinic

REFERRING VET

Dr. Mack

INVOICE

25008

DATE

8/27/21

PRESENTING CLINICAL SIGNS

Anorexic past week, no vomiting, no diarrhea Hospitalized past 48 hours IV Fluids, Buprenex, Pen, cerenia, Pepcid SC, Panacur PO
Abnormal PE/Chem/CBC/UA Results: CPL Abn

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 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. The left kidney measured 7.0 cm. The right kidney measured 7.0 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 left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.6 cm.

Spleen

The **spleen** was uniformly enlarged with relatively uniform parenchyma without evidence of masses. The capsule was mildly swollen. This is most consistent with hypersplenism (typical for the breed) and reactive hyperplasia deriving from splenic white or red pulp. The spleen was folded upon itself cranially.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

Some retention of ingesta was noted in the **stomach**. Hyperperistalsis noted in the small intestine. The cecum and colon were dilated. The distal aspect of the colon revealed fluid filled dilation or possible tissue, it could not be differentiated.

Pancreas

Minor heterogeneous changes noted in the area of the **pancreas**.

Other

Visibility was poor in the right cranial abdomen owing to artifact.



PATIENT

Hans Moak

SPECIES

Canine

BREED

German Shepherd

SEX

Intact Male

AGE

9 Years

WEIGHT

93

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack/Griffin

HOSPITAL NAME

Northside Vet Clinic

REFERRING VET

Dr. Mack

INVOICE

25008

DATE

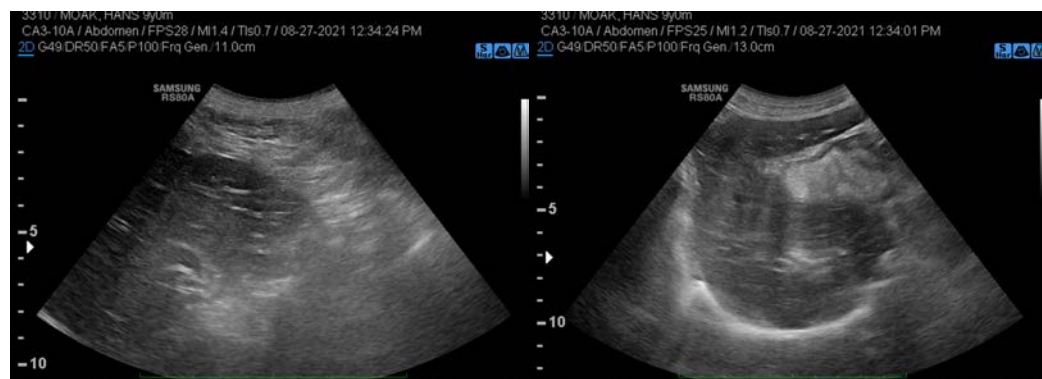
8/27/21

ULTRASONOGRAPHIC FINDINGS

- Gastroenteritis, possible colitis/typhilitis
- Hypersplenism
- Heterogeneous pancreas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mid abdominal palpation recommended to assess for any discomfort suggestive for typhilitis. Supportive care should prove effective. I recommend a fresh fecal smear and fecal floatation analysis. The gastrointestinal tract is the primary issue in this patient. Recheck sonogram in 24 hours if not responding. If the patient is not defecating or passing fluid, recheck sonogram with power doppler of the pelvic inlet in this patient. There is a large amount of gas and artifact in this image set that impedes complete visualization of all structures. After medical therapy over the next 24 hours, further visualization should prove effective.





PATIENT

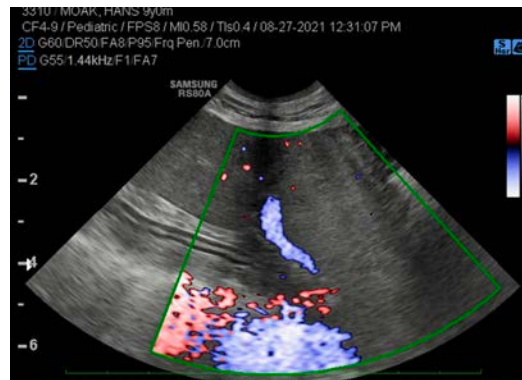
Hans Moak

SPECIES

Canine

BREED

German Shepherd



SEX

Intact Male

AGE

9 Years

WEIGHT

93

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Mack/Griffin

HOSPITAL NAME

Northside Vet Clinic

REFERRING VET

Dr. Mack

INVOICE

25008

DATE

8/27/21

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