



PATIENT

Diesel Turner

SPECIES

Canine

BREED

Border Collie

SEX

Neutered Male

AGE

11 Years

WEIGHT

25.1 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Laura de Cordon

HOSPITAL NAME

Mason Dixon Animal
Emergency Hospital

REFERRING VET

Dr. Laura de Cordon

INVOICE

42351

DATE

10/26/22

PRESENTING CLINICAL SIGNS

intermittent vomiting and diarrhea, anorexia and lethargy started about 2 weeks ago

Abnormal PE/Chem/CBC/UA Results: CBC: stress leukogram CHEM12: moderate elevation of TP and globulin, severe hypercholesterolemia, mild elevation of ALT (123), marked elevation ALP LYTES: mild hypokalemia CPLI: Abnormal PCV 46 TS 9

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 7.1 cm. The right kidney measured 6.5 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 1.57 cm x 0.37 cm.

Spleen

The **spleen** was enlarged and micronodular with swollen contour.

Liver

The **liver** was mildly swollen. The gallbladder and common bile duct were unremarkable. Free fluid noted between the liver lobes.

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. Spastic bowel noted in the upper duodenum. The colon was unremarkable.

Pancreas

The **pancreas** was hypoechoic with irregular tissue throughout the cranial abdomen. Extensive hyperechoic reactive mesentery noted throughout the pancreatic region and upper gastrointestinal tract.



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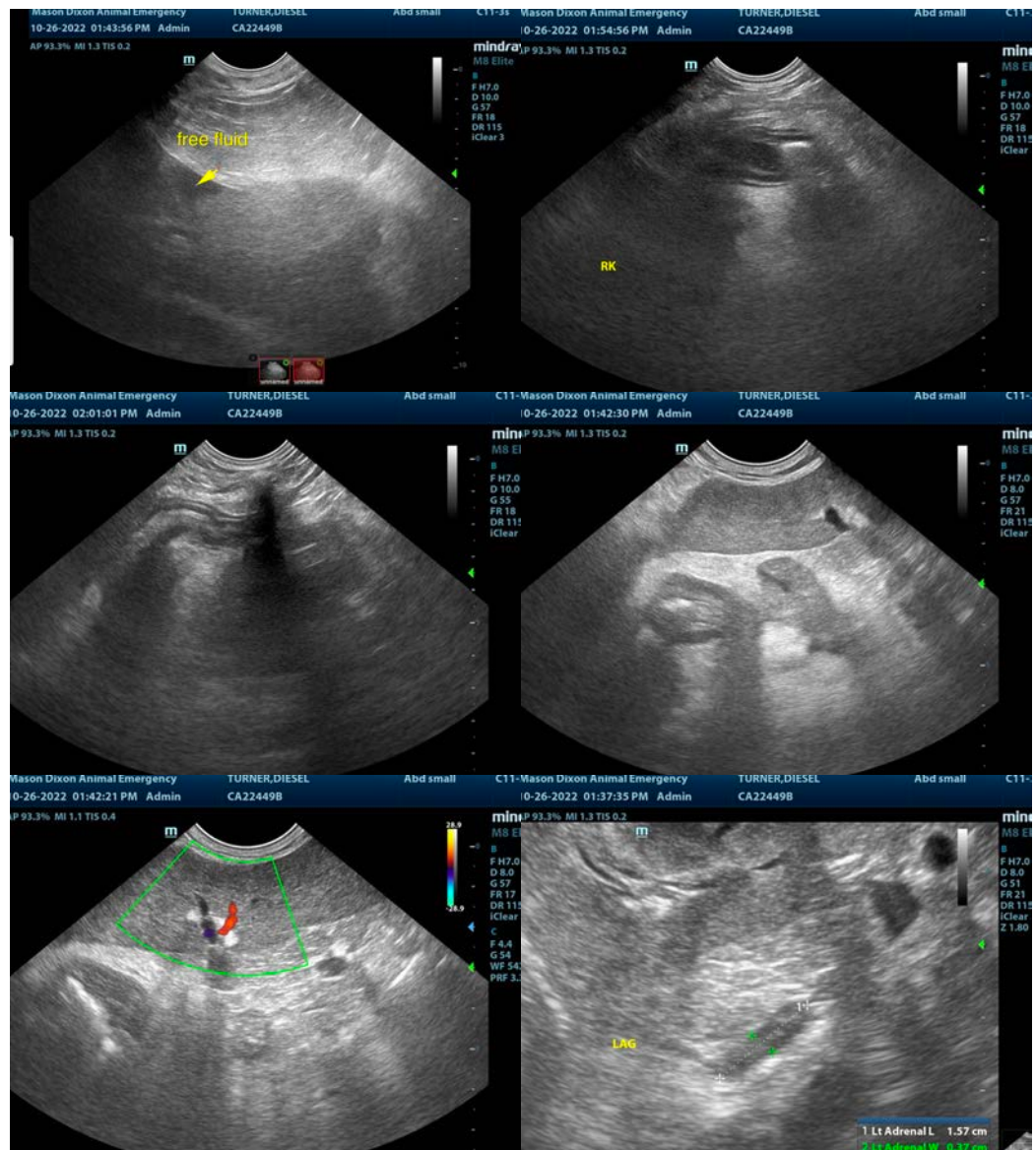
10/26/22

ULTRASONOGRAPHIC FINDINGS

- Extensive pancreatitis/gastroenteritis
- Swollen irregular spleen and liver
- Free fluid
- Age related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend FNA spleen, liver, and ideally the pancreatic tissue for further definition, as underlying round cell neoplasia may be an issue in this patient along with pancreatitis/gastroenteritis. Prognosis is guarded.





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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

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