



PATIENT

Cici Hilliard

PRESENTING CLINICAL SIGNS

P has hx of eating a wooden doorframe, lethargic, now has been anorexic with bloody liquid stool and vomiting

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Cortisol 1.1 TP 3.7 Ca 8.4 Alb 2.2 Glob 1.5 Tcho 104 Hgb 21.1
Normal stim test

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Husky X

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.

SEX

Spayed Female

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 6.23 cm. The right kidney measured 6.51 cm.

AGE

9 Months

Adrenal Glands

WEIGHT

12.5 kg

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 measures 2.64 cm x 0.43 cm at the cranial pole and 0.46 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV

Spleen

DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Hayley Heindel, CVT

Liver

HOSPITAL NAME

Mason Dixon Animal
Emergency Hospital

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.

REFERRING VET

Dr. Parr

Gastrointestinal

INVOICE

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The upper **gastrointestinal tract** was empty. However, the distal small intestine revealed areas of small intestinal dilation with passive linear structures without accordion pleating. Some reactive mesentery noted and trace amounts of free fluid.

DATE

12/3/22



PATIENT

Pancreas

Cici Hilliard

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Worm burden or possible intestinal foreign body

BREED

Husky X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This would be most consistent with worm burden. However, small linear foreign matter with minor partial obstruction cannot be completely ruled out. Recommend fecal test, worm burden supportive care, and recheck sonogram in 24-48 hours if not responding. Small pieces of wood material possible, given the patient history. However, this is not fully obstructive. The material should pass with supportive care, yet daily sonogram, mainly in the mid abdomen, is essential to ensure no further regression is occurring.

AGE

9 Months

WEIGHT

12.5 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Hayley Heindel, CVT

HOSPITAL NAME

Mason Dixon Animal
Emergency Hospital

REFERRING VET

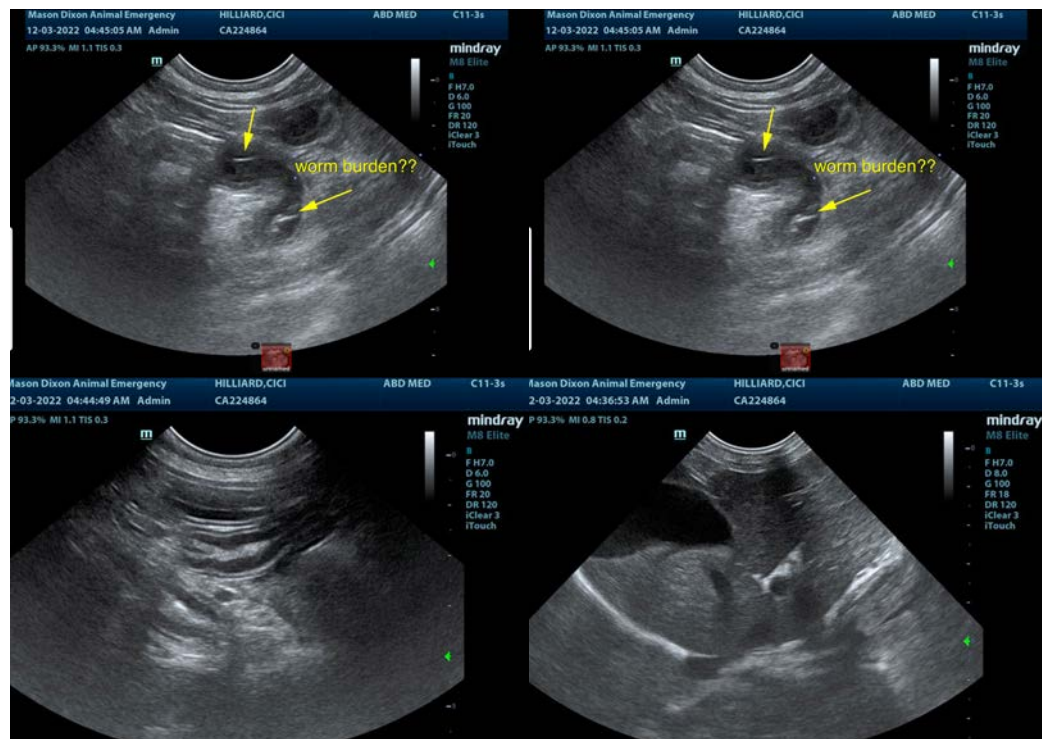
Dr. Parr

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PATIENT

Cici Hilliard

SPECIES

Canine

BREED

Husky X

SEX

Spayed Female

AGE

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WEIGHT

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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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