



PATIENT

Tank Schjei

PRESENTING CLINICAL SIGNS

Anorexia, Moderate hematochezia

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: mild hypoproteinemia Stomach - possible intraluminal gastric FB (?) Intestines - focal area of gas dilated SI (proximal right abdomen) Liver - normal shape and size Spleen - normal shape and size Bladder - normal shape, probable enlarged prostate at neck of bladder Kidneys - normal shape and size

BREED

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Male

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.

AGE

6 Years

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.

WEIGHT

45.8

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 7.25 cm. The right kidney measured 7.44 cm.

INTERPRETED BY

Eric 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 2.0 cm x 0.50 cm.

IMAGING PERFORMED BY

Dr. Laura de Cordon

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.

HOSPITAL NAME

Mason Dixon Animal
Emergency Hospital

REFERRING VET

Dr. Lara de Cordon

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.

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DATE

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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 cecum was dilated with fluid. Reactive mesentery noted associated with the small intestine. No overt foreign body. The colon was unremarkable.



PATIENT

Pancreas

Tank Schjei

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

BREED

- Gastroenteritis pattern – enterotoxins, parasitic disease or similar should be considered.

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Fecal test, 24-hour NPO, treatment for enterotoxins, plasma expanders all indicated. Recheck sonogram in 24-48 hours if the clinical signs persist. This patient may be predisposed to intussusception, yet no obstruction noted at the time of the sonogram.

Male

AGE

6 Years

WEIGHT

45.8

INTERPRETED BY

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HOSPITAL NAME

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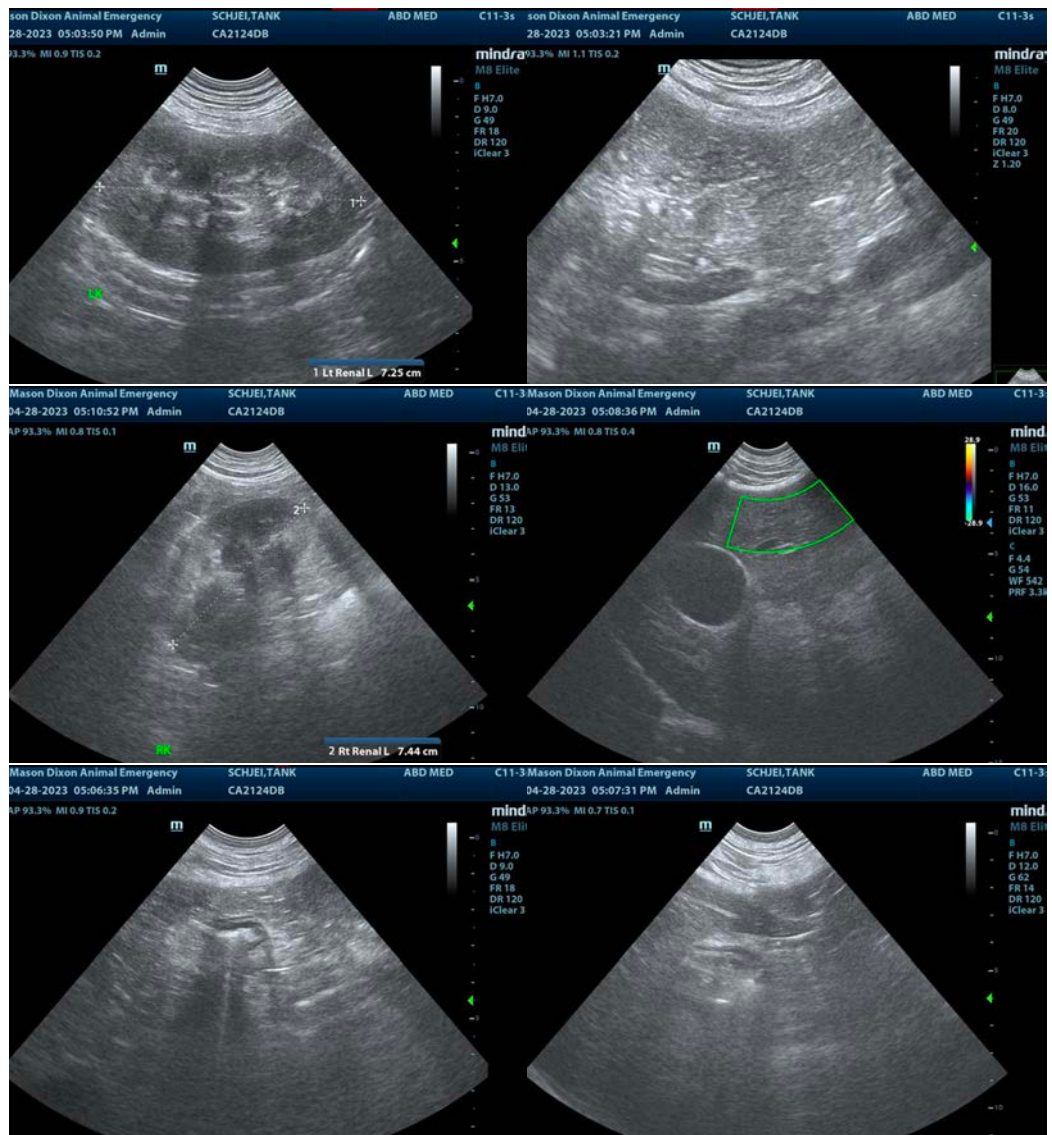
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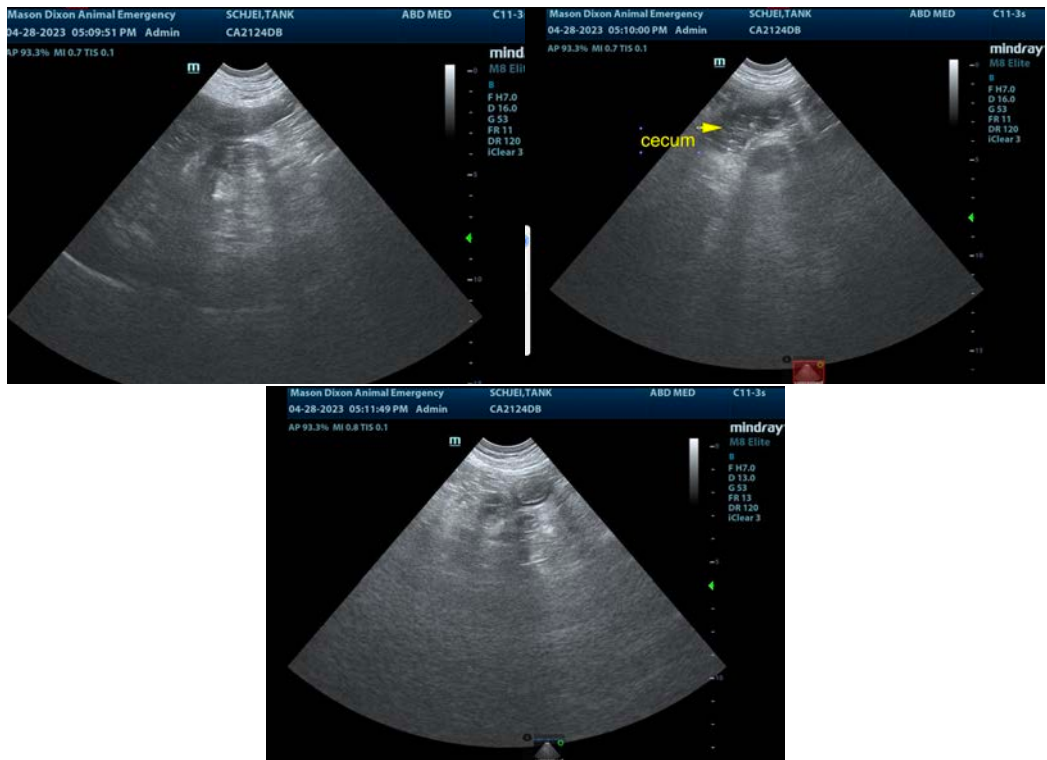
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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