

PATIENT PRESENTING CLINICAL SIGNS

Myster Bivans

SPECIES

Canine

BREED

Rottweiler

SEX

Intact male

AGE

11 months

WEIGHT

78 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Hollomon

INVOICE

91035

DATE

8/7/21

History: History from rDVM from 7/30: History- presents in to the ER today for having vomiting and diarrhea for the past 24 hours, not wanting to eat (ate a small amount yesterday morning) but is drinking, every time he drinks water he vomits. Poop was normal yesterday morning but progressed to diarrhea last night and water today. Pet has vomited at least 10 times including after drinking - usually 20 minutes later. Vomit was initially foamy and is now brown/yellow. Was adopted from a family member a while back and O does not have proof of vaccine history, lives on 4 acres of land and there could be a possibility of eating some thing he shouldn't have Diet:Diamond Naturals chicken and rice dry food Lifestyle: Indoor and Outdoor - owner has land and he loves to eat things outside - sticks, rocks, grass etc NexGard monthly, Parvo test negative X-rays demonstrated gastroenteritis given SQF, cerenia, proviable, metronidazole History from rDVM from 8/7: History- Myster presented for still vomiting, diarrhea, and anorexia. P was seen 8 d ago for 24h hx of acute v/d. Owner said that he stopped vomiting after the Cerenia injection for about 36 hours. Then he continued to vomit and still having diarrhea. He has not had anything to eat since being seen, except for the evening of the visit. It was difficult for O to give the metronidazole that was sent home. P has lost 9lbs in 8 d.

Abnormal PE/Chem/CBC/UA Results: See attached - BW from rDVM: WBC 22,000, neutrophils 18,000, glucose 121 See attached radiographs from 8/7 (we have 7/30) rads if you want them - 8/7 are the newest rads available. See attached radiology report for both sets of films.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI.

The prostate was uniform and measured 2.86 cm with no evidence of pathology.

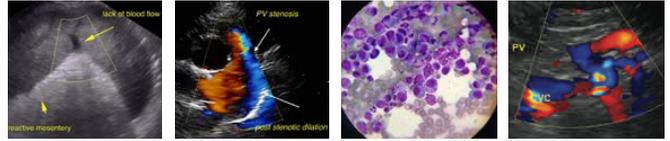
The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 7.14 cm. The left kidney measured 6.41 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 right adrenal gland measured 2.73 x 0.95 cm at the cranial pole and 0.56 cm at the caudal pole. The left adrenal gland measured 2.98 x 0.65 cm at the cranial pole and 0.59 cm at the caudal pole.

Spleen

The **spleen** revealed minor, heterogenous, parenchymal changes, yet was normal in size and contour. Enhanced mesentery was present because of the free fluid.



PATIENT

Liver

Myster Bivans

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.

SPECIES

Canine

BREED

Rottweiler

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The stomach revealed retention of chyme and fluid. The small intestine was dilated and followed by empty small intestine. This is consistent with an obstructive pattern. A portion of small intestine revealed an accumulation of progressively shadowing material such as ribbon or similar. This was localized just cranial to the urinary bladder. A significant amount of reactive mesentery was noted.

SEX

Intact male

AGE

11 months

Pancreas

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.

WEIGHT

78 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Free Abdomen

A mild amount of free fluid was noted.

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified Clinical
Sonographer

ULTRASONOGRAPHIC FINDINGS

Obstructive gastrointestinal pattern with ribbon type foreign body or similar.
Peritonitis pattern.

HOSPITAL NAME

Rivers Edge Pet
Medical Center

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Immediate exploratory surgery with expectation of enterotomy and abdominal lavage is recommended. Intestinal perforation is suspected given the amount of free fluid. I cannot rule out an intestinal impaction by roundworms or similar; however, I would not expect peritonitis in that scenario.

REFERRING VET

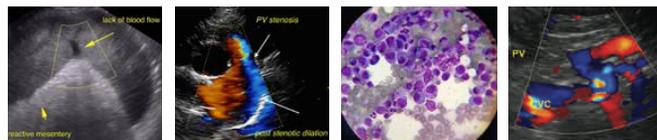
Dr. Hollomon

INVOICE

91035

DATE

8/7/21



PATIENT

Myster Bivans

SPECIES

Canine

BREED

Rottweiler

SEX

Intact male

AGE

11 months

WEIGHT

78 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

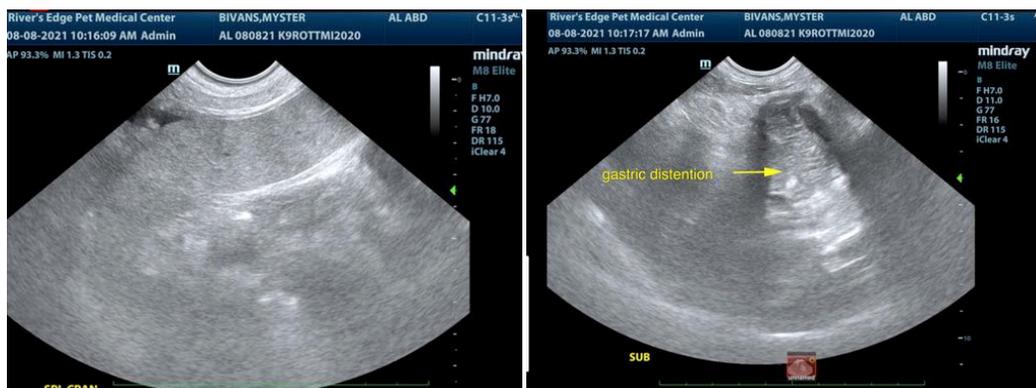
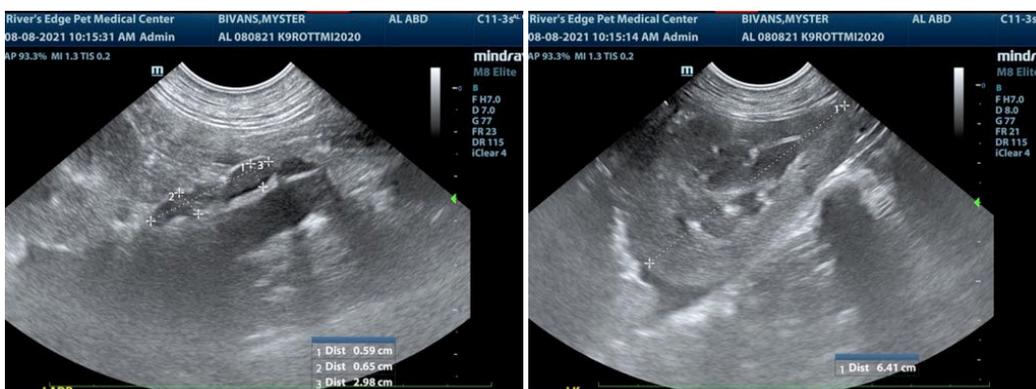
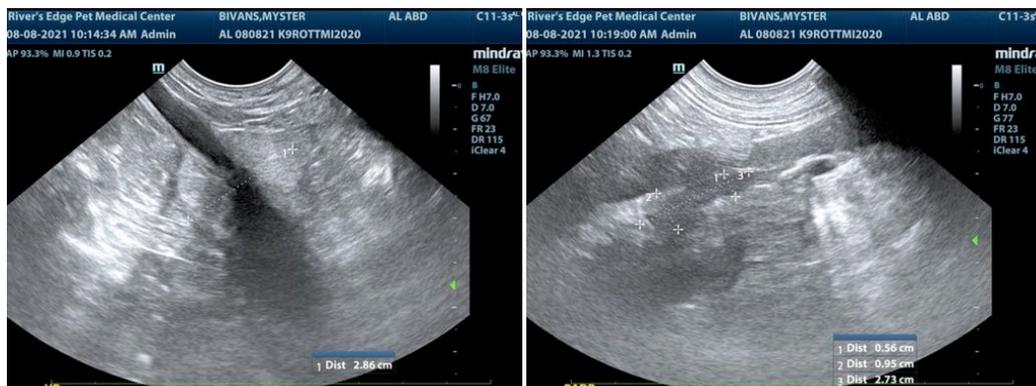
Dr. Hollomon

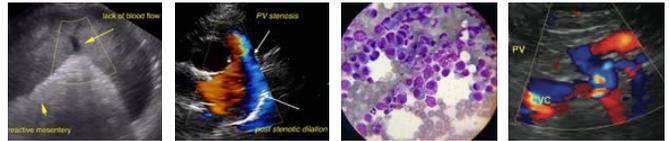
INVOICE

91035

DATE

8/7/21





PATIENT

Myster Bivans

SPECIES

Canine

BREED

Rottweiler

SEX

Intact male

AGE

11 months

WEIGHT

78 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified Clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Hollomon

INVOICE

91035

DATE

8/7/21



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