

**DATE PRESENTING CLINICAL SIGNS**

4.20.2023 Blood in ejaculate. Physical exam within normal limits. Abdominal x-ray does not show an enlarged prostate. Cannot palpate prostate by digital rectal.

PATIENT

Mack Greenwood

Current Medications: Enrofloxacin 272mg SID.
 Radiographs: WNL.
 Date of Previous IntraPet Ultrasound: No previous.
 Sedation: IV sedation.
 Stat Report: Not requested.
 Imaging Performed By: Rachel Brillhart, RDMS.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**BREED**

Bernese Mt Dog

Urinary System

The urinary bladder mucosa, trigone, and visible urethra are normal in thickness and there is no evidence of mucosal irregularities. The bladder lumen is mildly distended with anechoic urine and bladder thickness is considered normal for volume of urine.

SEX

Intact Male

The prostate measures enlarged (9.26 cm long / 4.73 cm wide in the longitudinal axis and up to 6.16 cm wide in the transverse plane). The borders of the prostate are mildly irregular, and there are innumerable tiny cysts throughout the parenchyma (which otherwise appears normal). The prostate does not appear inflamed otherwise.

AGE

2/5/2018

The left kidney is normal in size, shape and architecture with smooth peripheral margins and measures 7.14 cm. There is normal corticomedullary distinction and normal echogenicity. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

105 lbs

The right kidney is normal in size, shape and architecture with smooth peripheral margins and measures 7.30 cm. There is normal corticomedullary distinction and normal echogenicity. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

INTERPRETED BY

Jessica Midence,
 DVM, DACVIM
 (SAIM)

Adrenal Glands

The left adrenal gland is normal in size (cranial pole 0.47 cm / caudal pole 0.64 cm). The left adrenal gland has normal shape and is normal in appearance and echogenicity.

HOSPITAL NAME

Madonna VC

The right adrenal gland is normal in size (cranial pole 0.73 cm / caudal pole 0.69 cm). The right adrenal gland has normal shape and it is normal in appearance and echogenicity.

REFERRING VET

Dr. Brockett

Spleen

The splenic echotexture is homogeneous with parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule is smooth with no irregularities. The splenic vasculature is normal without signs of congestion or thrombosis.

INVOICE

12811

Liver

The liver is subjectively normal in size with normal contours, structure, with smooth peripheral margins. The echogenicity appears normal with normal portal markings. No overt evidence of inflammatory, infiltrative or regenerative pathology is evident. The visible portions of the vasculature and biliary tract appear normal. No pathological hepatic lymphadenopathy observed.

The gallbladder lumen is moderately distended. The wall is a normal thickness and smooth. There is a small volume of dependent echogenic debris. The cystic and common bile ducts are normal/not visible.

Gastrointestinal Tract

The gastric lumen is empty. The stomach wall is of normal wall thickness with some variability due to rugal folds. There is normal gastric wall layering. There are no masses or focal lesions observed and the pyloric outflow tract appears normal.

The visualized areas of duodenum, jejunum and ileum appear normal in thickness. The duodenum is normal with distinct wall layering. The remainder of the small intestines are normal with normal wall layering. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. No focal lesions observed.

The sections of colon are visualized with formed fecal material and gas shadowing distally.

Pancreas

The area of the pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid. The visible pancreatic duct was normal.

Peritoneum

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The omentum is of normal uniform echogenicity.

Other

Both testicles were evaluated and appeared normal.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

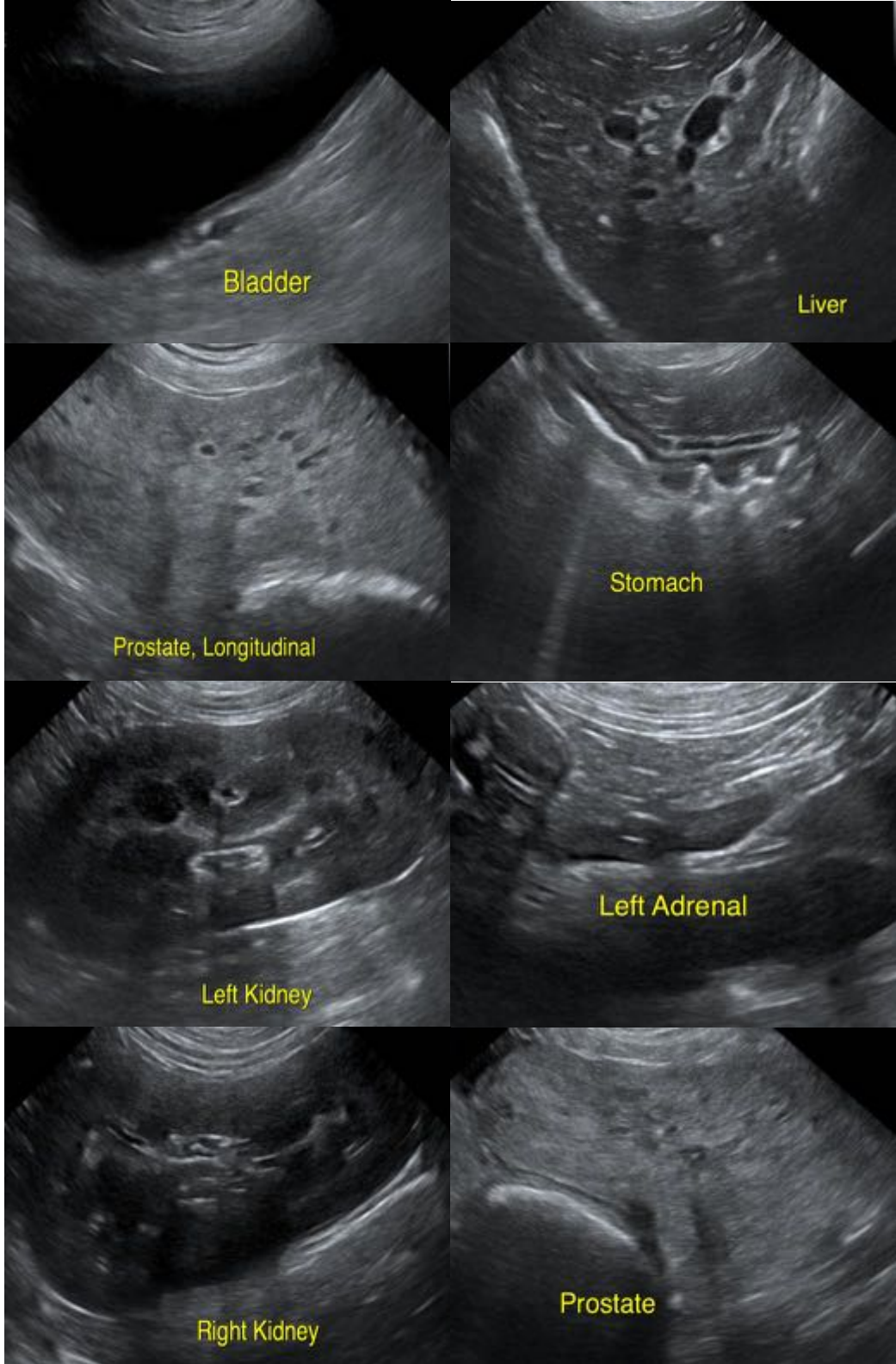
- Benign cystic prostatic hyperplasia

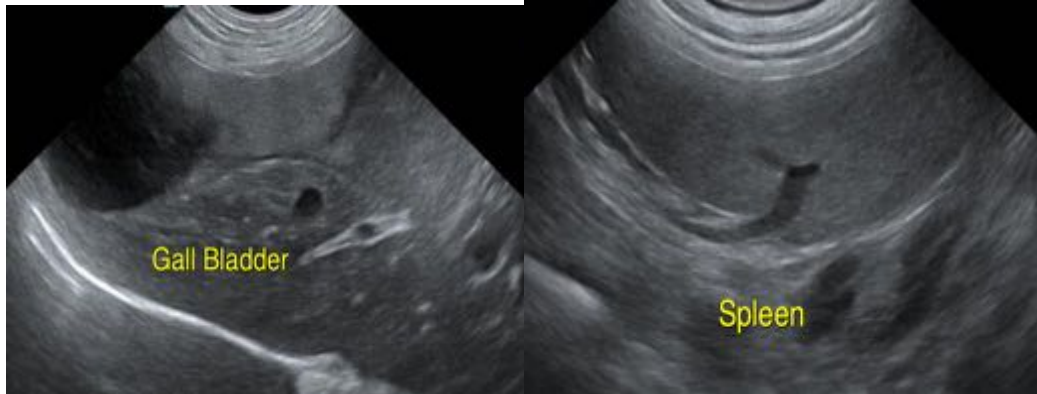
Secondary Findings

- Gall bladder sludge

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the prostate is consistent with benign prostatic hyperplasia. The prostate contains innumerable tiny cystic changes throughout (which would also be supportive of benign prostatic hyperplasia). Based on this sonographic examination, prostatitis is not suspected, but a traumatic prostatic catheterization and wash could be considered for cytology and culture. Fine-needle aspirates could also be considered to obtain samples. Benign prostatic hyperplasia would explain the reported clinical signs. Treatment of choice would be castration.





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.

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