

**DATE**

3/22/23

PATIENT

Ellie May Whitenack

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Intact female

AGE

12/6/17

WEIGHT

99 lbs

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**HOSPITAL NAME**

Airpark AH

REFERRING VET

Dr. Owens

INVOICE

43471

PRESENTING CLINICAL SIGNS

Examined for straining to urinate and/or defecate 3/21/23. On rads, there is a soft tissue opacity caudal to bladder, on ultrasound, there is a cystic structure filled with anechoic fluid caudal to bladder- R/O uterine/repro vs urethral vs other. Can palpate the mass on rectal in area that a prostate would be, is soft and fluid filled but does somewhat impinge the pelvic canal.

Current Medications: Amoxicillin 1000 mg PO BID started last night

Lab Results: See attached.

Radiographs: See attached.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: IV sedation.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

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 was noted. Ureteral papillae were normal.

The pelvis revealed a cystic structure that measured 7.7 x 5.4 cm. The exact origin is unclear.

The uterus was uniform and empty. There is no evidence of pathology. The right ovary was uniform and measured 1.6 x 1.13 cm. The left ovary measured 1.5 x 1.0 cm.

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 6.62 cm. The right kidney measured 6.83 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 3.02 x 0.8 cm at the caudal pole and 0.69 cm at the cranial pole. The right adrenal gland measured 3.42 x 0.66 cm at the cranial pole and 0.79 cm at the caudal pole.

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 was noted.

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.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

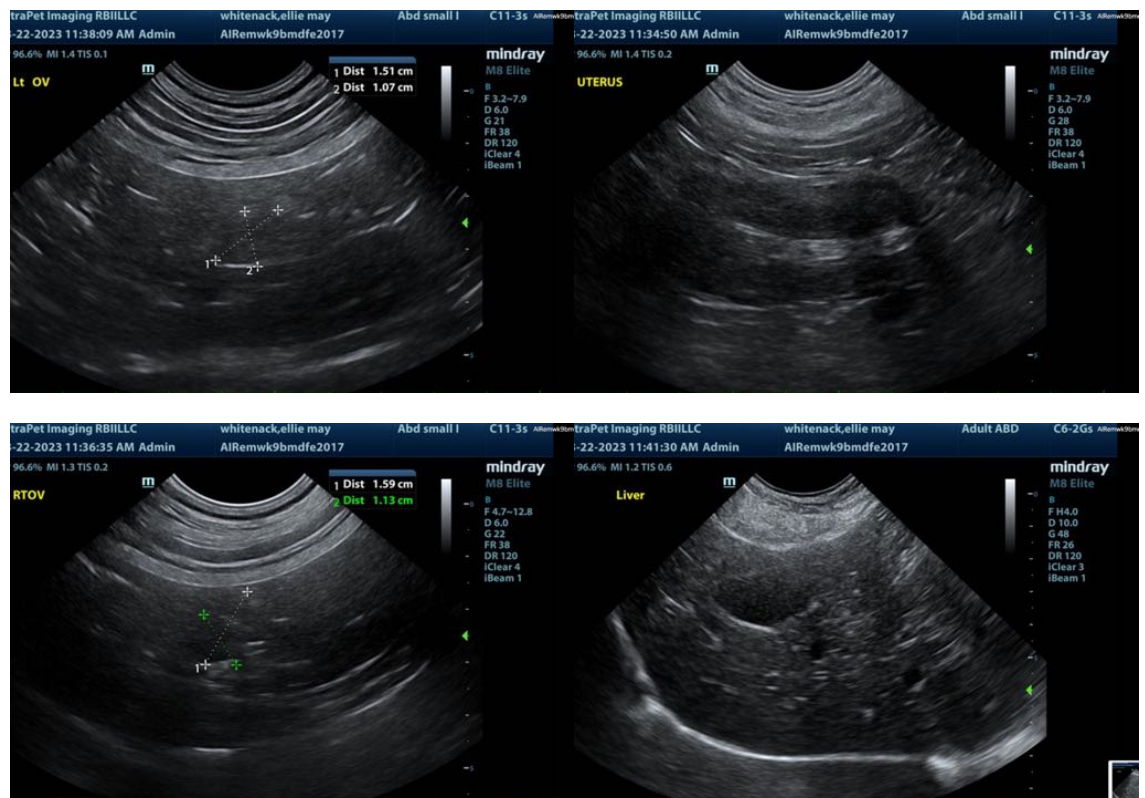
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

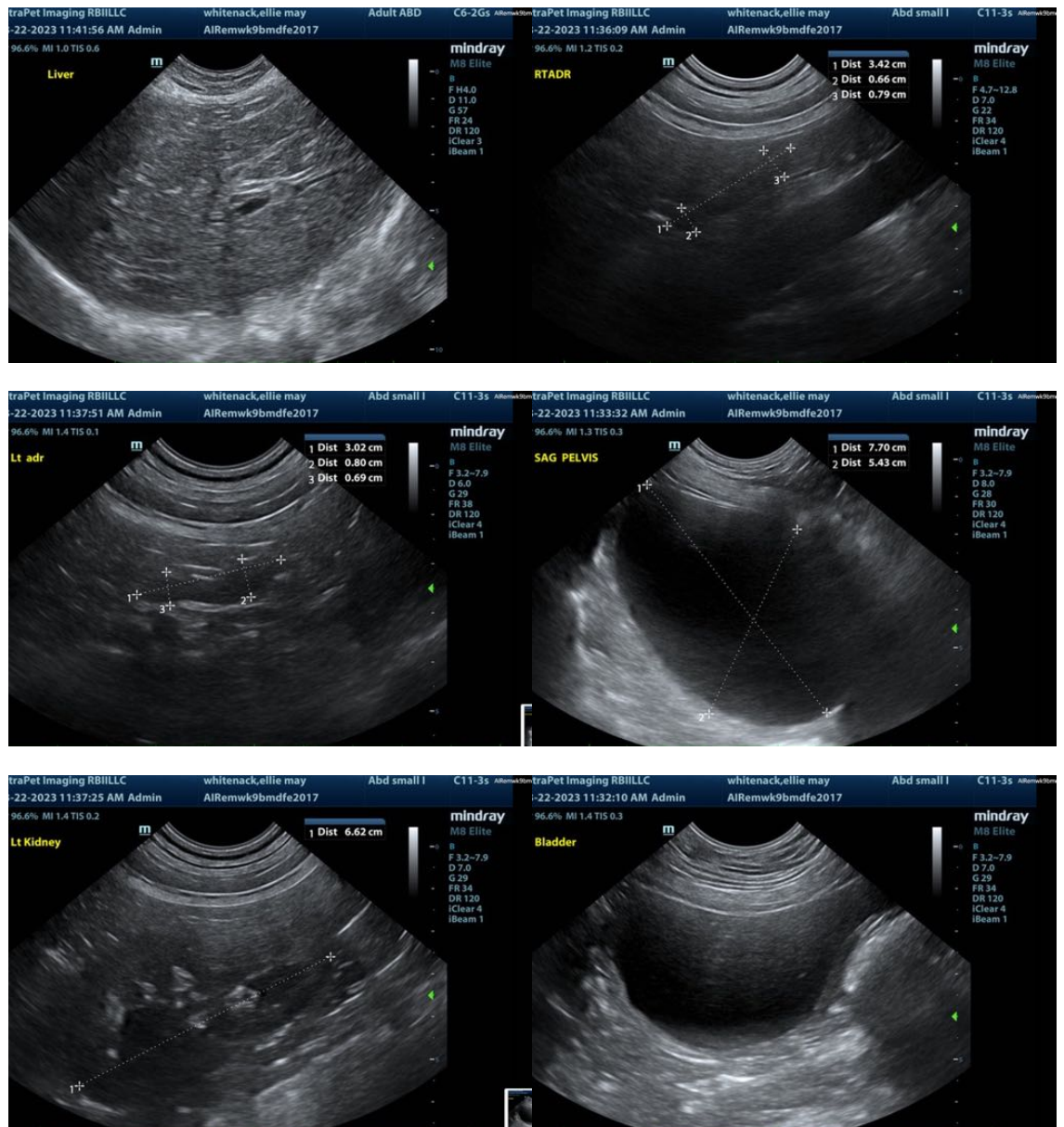
ULTRASONOGRAPHIC FINDINGS

Undefined cystic structure between the uterus, bladder and colon. Exact source is unclear and subjectively appears benign, but is space occupying. This may be reproductive remnant.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ovariohysterectomy appears resectable. If ovariohysterectomy is to be performed in this patient then inspection and removal of the cystic structure can also be considered. Otherwise, pelvic CT with contrast would be indicated. Contrast would be indicated.





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.

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