

**DATE**

4/29/22

PRESENTING CLINICAL SIGNS

Blood coming out from rectum since yesterday. Licking excessively. Decreased appetite since yesterday. Also not drinking. Urinating a less than normal amount. O adds "she has a terrible odor coming from her that she didn't have before". ATO- Rescued from BARCs in January "Spay scar" seen so she was NEVER spayed at barcs- just assumed she was spayed. Presented for lethargy, not eating 2 days, not drinking, blood from hind end (O originally thought from rectum). Licking vaginal area excessively. Not urinating much. No vomiting Has received vaccines from rockspring.

PATIENT

Joy Gallagher

Current Medications: Ampicillin/Sulbactam, Buprenorphine, Maropitant, Entyce.

SPECIES

Canine

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Imaging Performed By: Rachel Brillhart, RDMS.

Chihuahua Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Female

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.

AGE

4/27/18

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

10.5 lbs

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 3.65 cm. The left kidney measured 3.94 cm.

INTERPRETED BYEric 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 right adrenal gland measured 2.06 cm x 0.62 cm at the caudal pole and 0.53 cm at the cranial pole. The left adrenal gland measured 1.42 cm x 0.51 cm at the caudal pole and 0.48 cm at the cranial pole.

HOSPITAL NAMEAnimal Emergency
Hospital**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.

REFERRING VET

Dr. Kalwa

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.

INVOICE

14970

Gastrointestinal

The **stomach** presented a minor amount of luminal fluid without evidence of obstruction or mural disease. The small intestine and colon were unremarkable, other than minor soft stool noted in the colon.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

Other

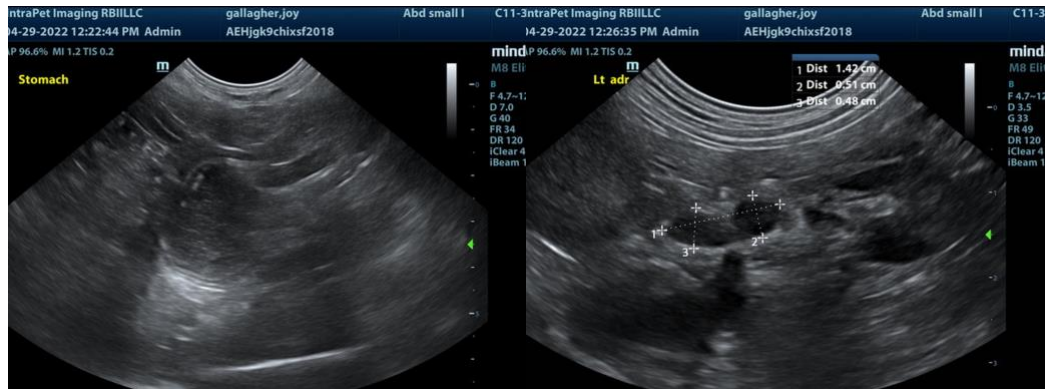
The **uterus** was thickened in this patient with a minor amount of luminal fluid, measuring up to 1.5 cm in width. The right ovary was uniform, measuring 1.24 cm x 0.89 cm. The left ovary was mildly cystic, measuring 1.0 cm.

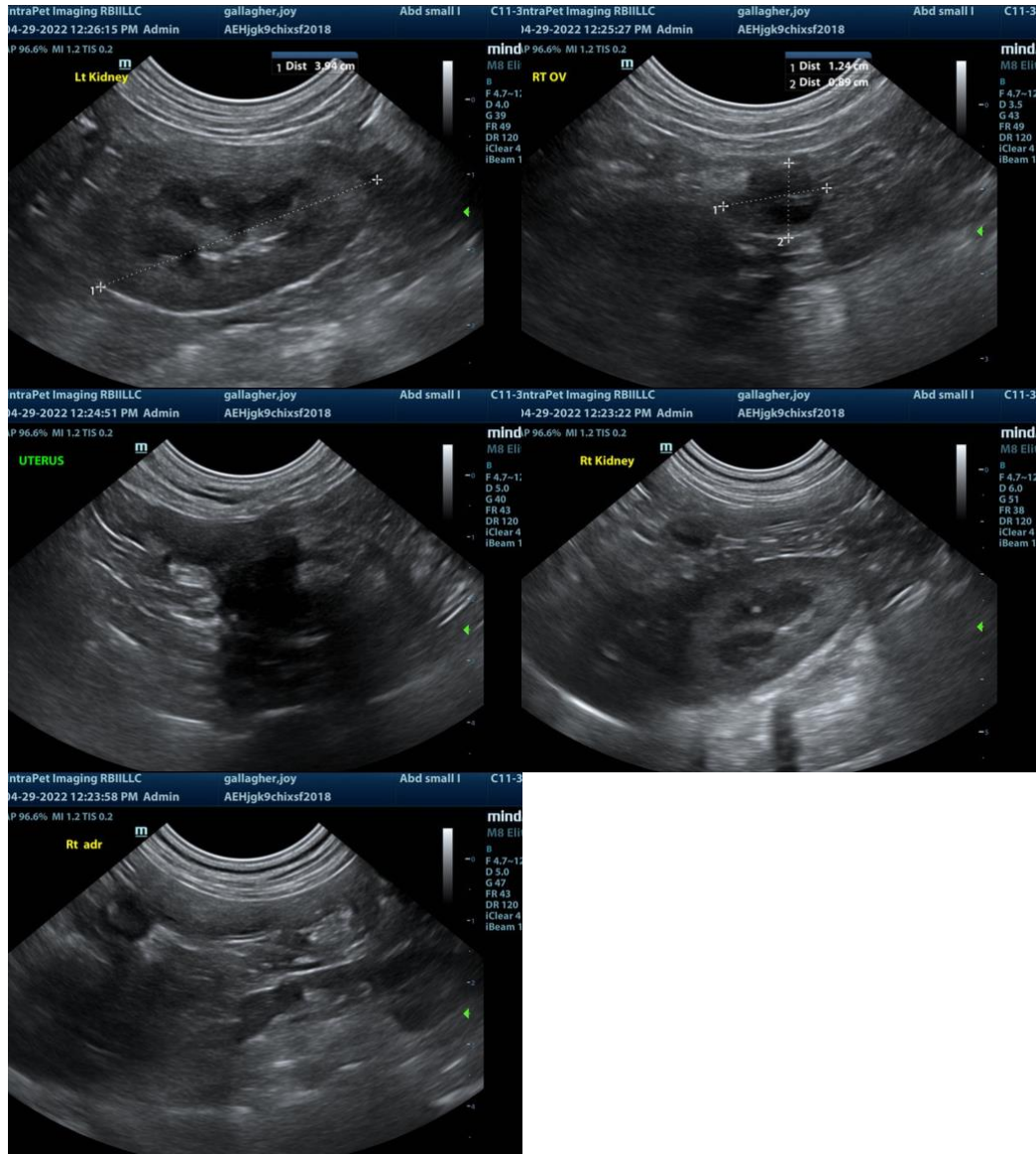
ULTRASONOGRAPHIC FINDINGS

- Thickened uterus
- Minor gastric stasis, may be owing to effector organ issue owing to systemic disease
- Open pyometra or metritis suspected
- Age-related pancreatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ovariohysterectomy recommended. Active heat cycle also technically possible.





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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