

PATIENT

Astin Wright

SPECIES

Canine

BREED

Golden Retriever

SEX

Female

AGE

2 Years

WEIGHT

64.5

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

HOSPITAL NAME

Balanced VC

REFERRING VET

Dr. Teri Sue Wright

INVOICE NUMBER

20235

DATE

12/23/22

PRESENTING CLINICAL SIGNS

History: Hard 3-inch cranial projecting abscess developed yesterday morning between her front legs. Checking vaginal swaps at apt. Can send results. At 1.5 years old her 4 inguinal nipples swelled and became hard and purple, this all resolved with herbal/nutritional thyroid support. Otherwise extremely healthy and athletic young dog. Has been 7 months since last heat. Heat was in May of 2022. Current Medications Herbal supplements -m including thyroid support. Primary Question/Differential to Be Answered in This Exam Are her ovaries/uterus normal. If not what is the suspect pathology.

Abnormal PE/Chem/CBC/UA Results: Low thyroid at first heat (1.5 years of age) treated with herbs successfully.

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 were noted. Ureteral papillae were normal.

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 7.21 cm. The left kidney measured 7.17 cm.

Adrenal Glands

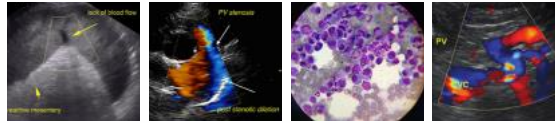
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.7 cm x 0.55 cm at the cranial pole and 0.69 cm at the caudal pole. The right adrenal gland measured 2.87 cm x 1.87 cm at the cranial pole and 1.19 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 were 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.



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Gastrointestinal

The **stomach** revealed multifocal shadowing structures, measuring up to 2.0 cm with chyme. This appears to be partially obstructive, especially if the patient was not NPO at the time of the sonogram. The small intestine and colon were unremarkable. No overt distal obstructive pattern noted, however, mucosal striations and fogging were noted in the small intestine, which may indicate underlying inflammatory disease.

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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.

BREED

Golden Retriever

Other

SEX

The right **ovary** was uniform, measuring 1.85 cm x 0.85 cm. The left ovary measured 1.34 cm x 0.93 cm. The uterus was uniform with no evident pathology.

Female

ULTRASONOGRAPHIC FINDINGS

AGE

- Gastric shadowing material, suspect small foreign body accumulation and mucosal fogging of the intestine possibly related to parasitic disease or underlying inflammation.

2 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

64.5

Endoscopy and retrieval of the foreign matter could be considered; however, oral medication history should be evaluated to assess if any of the structures are similar in size to any recent oral medication. Otherwise, if the patient was NPO at the time of the sonogram, then gastrotomy could be considered with GI biopsies. Ovariohysterectomy could occur at the same time if desired. Otherwise, recheck sonogram at complete NPO status if the patient was not NPO at the time of the sonogram. No active evidence of reproductive pathology noted at this time. Given the patient history, false pregnancy is likely the prior diagnosis.

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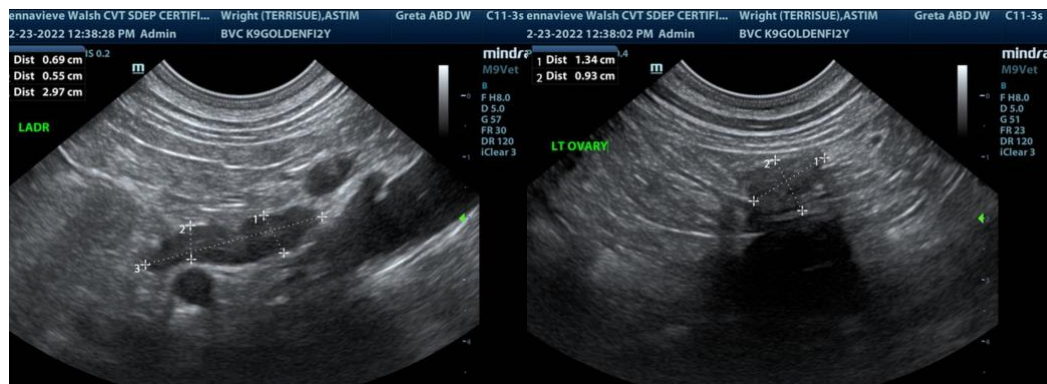
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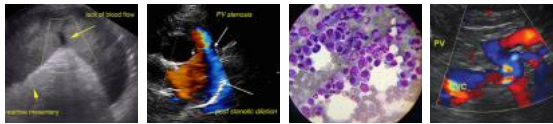


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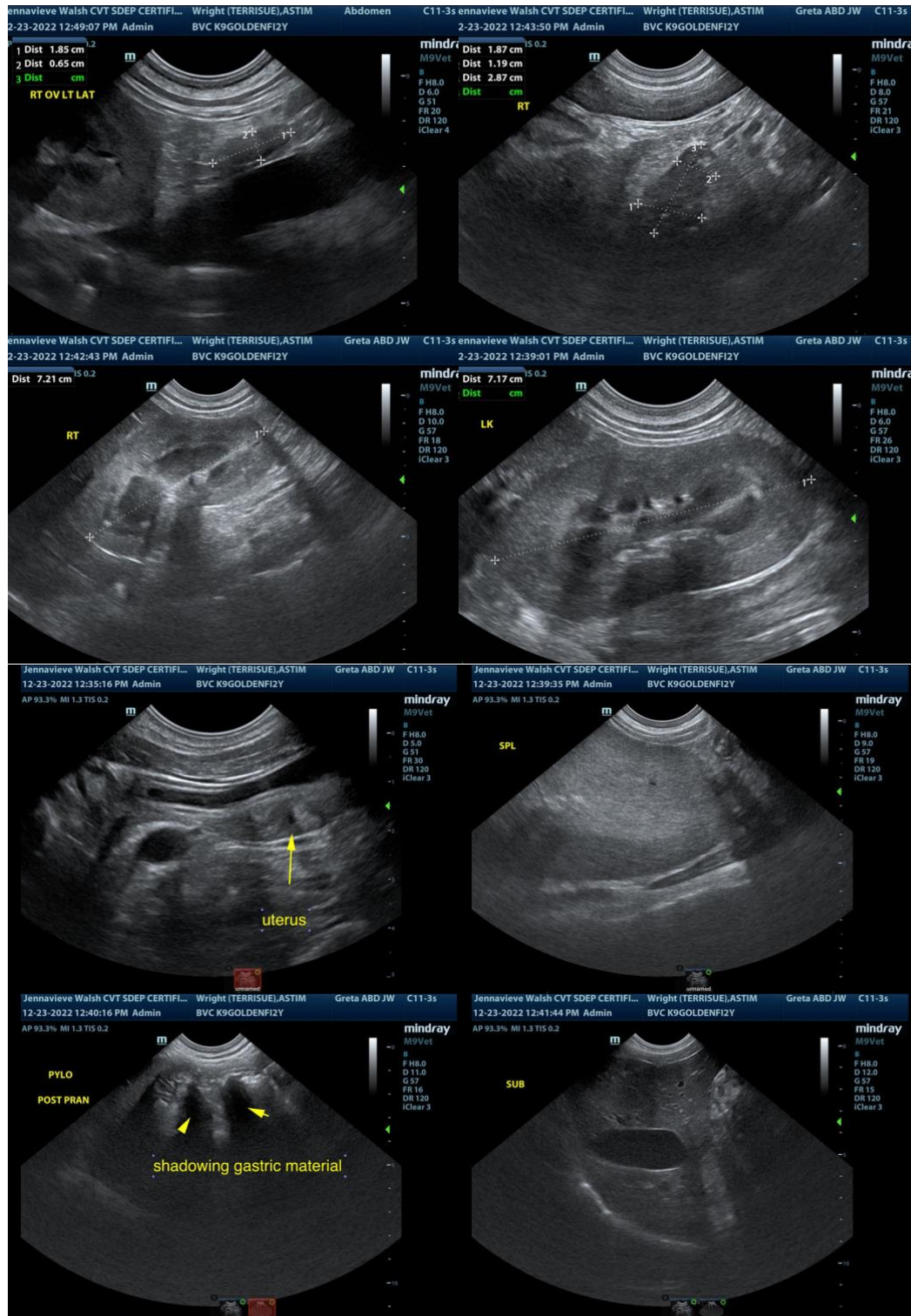
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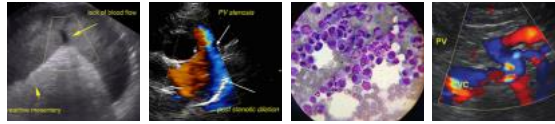
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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