



PATIENT

Mina Munch Markovic

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed Female

AGE

2 Years

WEIGHT

Not Provided

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP(CFM), Cert.
 IVUSS

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

Branchville Country
 Vet Clinic

REFERRING VET

Dr. Sherri Talbot-
 Valerio

INVOICE

16131

DATE

05/12/26

PRESENTING CLINICAL SIGNS

Suspect ovarian remnant? Spayed Nov 2025 still acts like in heat, male dogs follow her, smelling and licking. Purulent vulvar disch. Epith cells + RBCs in urine sample-no bacteria. Progesterone .4. Current Medications: Clavamox 312.5 mg bid

UA: most recent-trace protein, no cells, no bacteria, USG: 1.054 Bloods-NSF

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 **uterus** measured 0.84 cm and appeared mildly thickened. The right ovary was persistently present measuring 1.56 cm x 0.94 cm. The uterus appeared elongated at least the length of the urinary bladder. The uterine thickening is consistent with hormonal solicitation. The region of the left ovarian fossa was unremarkable. No residual ovaries were present. The right ovarian remnant measured 1.9 cm 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 6.3 cm in length. The right kidney measured 6.4 cm in length.

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 0.48 cm width at the cranial pole and 0.47 cm width at the caudal pole. The right adrenal gland measured 1.2 cm width at the cranial pole and 0.48 cm width 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



PATIENT
Mina Munch Markovic

pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

SPECIES

Canine

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.

BREED

German Shepherd

Pancreas

SEX

Spayed Female

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.

AGE

2 Years

ULTRASONOGRAPHIC FINDINGS

- Ovarian remnant on the right ovarian fossa with prominent uterus.

WEIGHT

Not Provided

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The uterine horns were not visualized, however, cannot rule them out. Recommend exploratory surgery with reduction and removal of the remainder of the uterus down to the cervix as well as the right ovarian remnant.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

Branchville Country
Vet Clinic

REFERRING VET

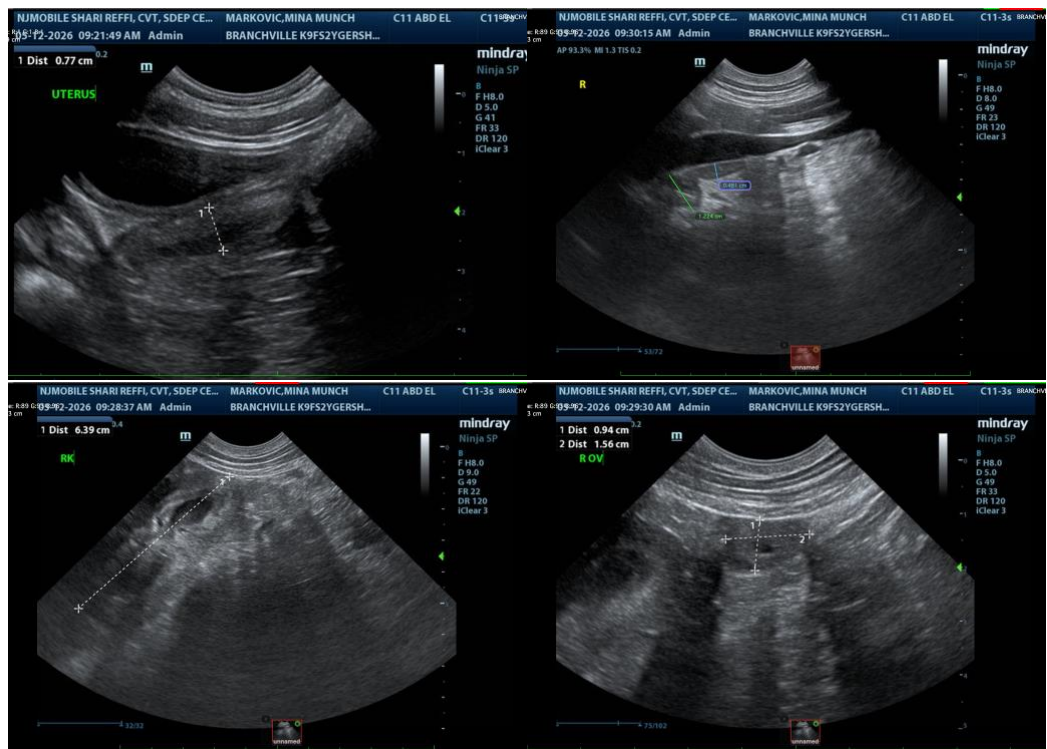
Dr. Sherri Talbot-
Valerio

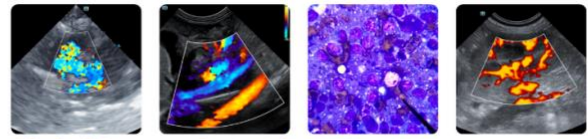
INVOICE

16131

DATE

05/12/26





PATIENT

Mina Munch Markovic

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed Female

AGE

2 Years

WEIGHT

Not Provided

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP(CFM), Cert.
 IVUSS

IMAGING PERFORMED BY

Shari Reffi CVT

HOSPITAL NAME

Branchville Country
 Vet Clinic

REFERRING VET

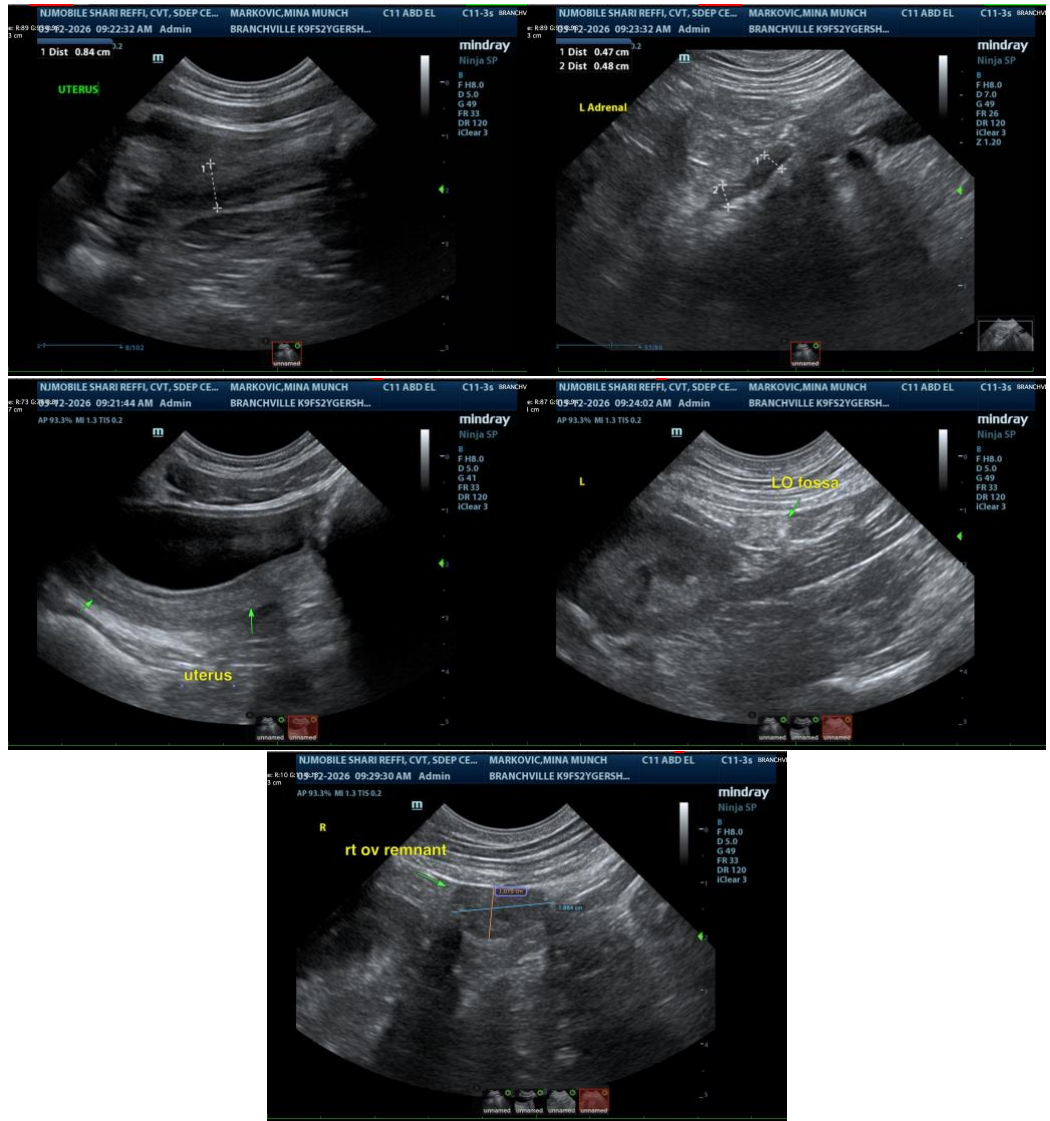
Dr. Sherri Talbot-
 Valerio

INVOICE

16131

DATE

05/12/26



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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com