



PATIENT

Vadim Vespalov

PRESENTING CLINICAL SIGNS

History: spayed 3 days ago the day after didnt eat, was not feeling well today started vomiting
Abnormal PE/Chem/CBC/UA Results: hi WBC count low RBC count hi creatinine

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shar Pei

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.

SEX

Spayed female

Both ovarian fossae revealed heterogenous, mixed echogenic fat consistent with post surgical granuloma. It appears mildly excessive. The right ovarian region measured 2.64 x 1.65 cm. the left ovarian region measured 2.2 x 1.9 cm. The uterine stump was thickened and irregular with reactive mesentery and slight free fluid. The uterine stump extended to the level of the cystourethral junction and measured 1.8 x 2.89 cm. Mild, excessive reactive mesentery was noted in the uterine stump.

AGE

9 months

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.

WEIGHT

13 kg

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The left **adrenal gland** was 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 1.61 x 0.3 cm. The region of the right adrenal gland was unremarkable.

IMAGING PERFORMED BY

Dr. Benoiel

Spleen

HOSPITAL NAME

Field Univeristy

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.

REFERRING VET

Dr. Benoiel

Liver

INVOICE

42807

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.

DATE

11/30/22



PATIENT

Gastrointestinal

Vadim Vespalov

The **gastrointestinal tract** revealed gastric stasis with patent pylorus. A minor amount of chyme was present with spastic bowel and reactive mesentery. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. Some soft stool was noted in the colon. There was no evidence of foreign body. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

BREED

Pancreas

Shar Pei

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.

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

AGE

9 months

Gastric stasis with spastic bowel. There was no evidence of foreign body. Metabolic ileus is likely with GI irritation.

WEIGHT

13 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The majority of the small intestine was empty. It is possible that a small foreign matter could be trapped within the chyme; however, this is not evident. I recommend medical management over the next 24-48 hours. The regions of ovariohysterectomy such as the ovarian fossae and uterine stump appear to have excessive tissue reactivity. Underlying suture reaction may be playing a role. Broad spectrum antibiotics, IV fluid support, GI Protectants, and anti-parasitic protocol is all indicated as well as fecal test is recommended. A recheck sonogram is recommended in 24 hours to assess any progression or regression.

IMAGING PERFORMED BY

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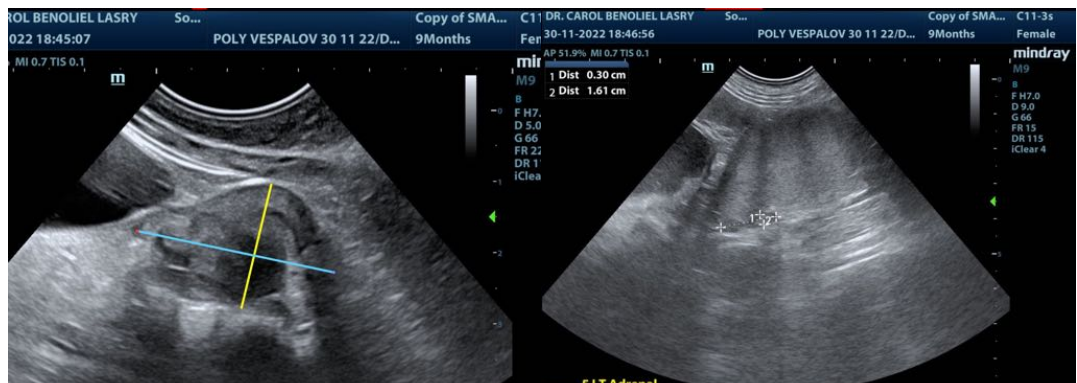
Dr. Benoiel

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SPECIES

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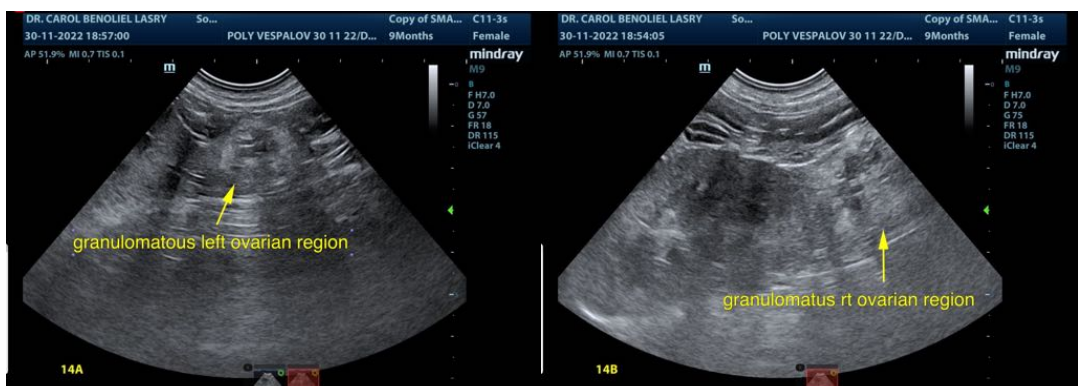
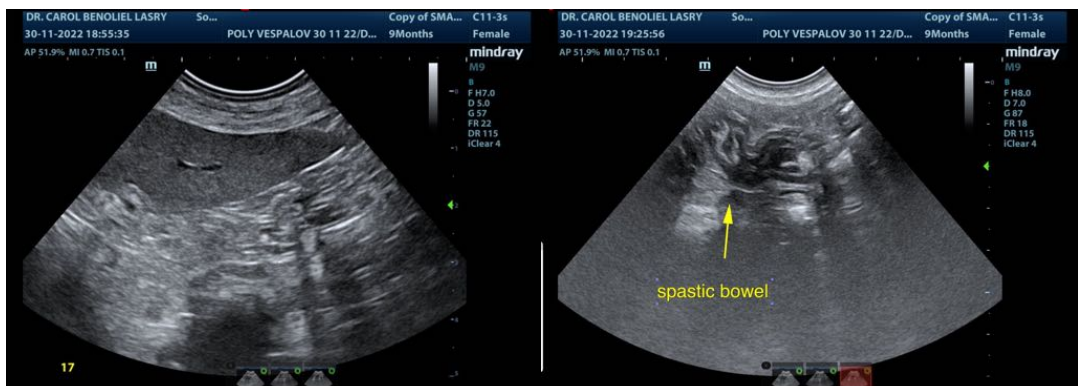
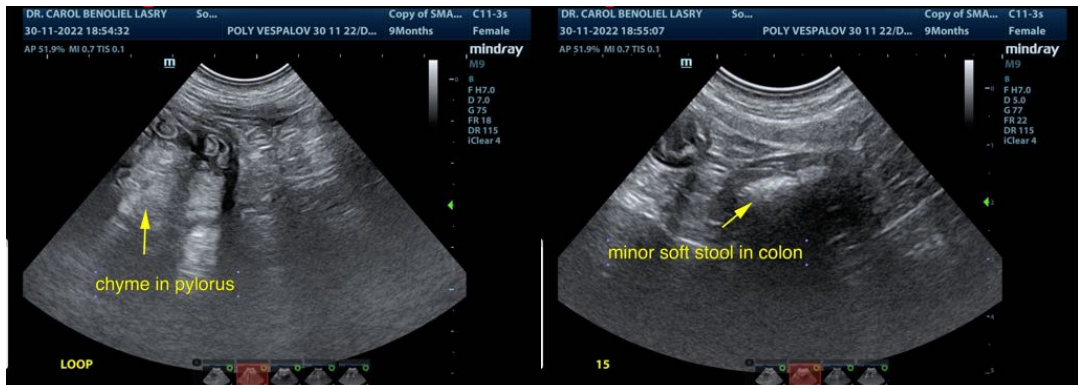
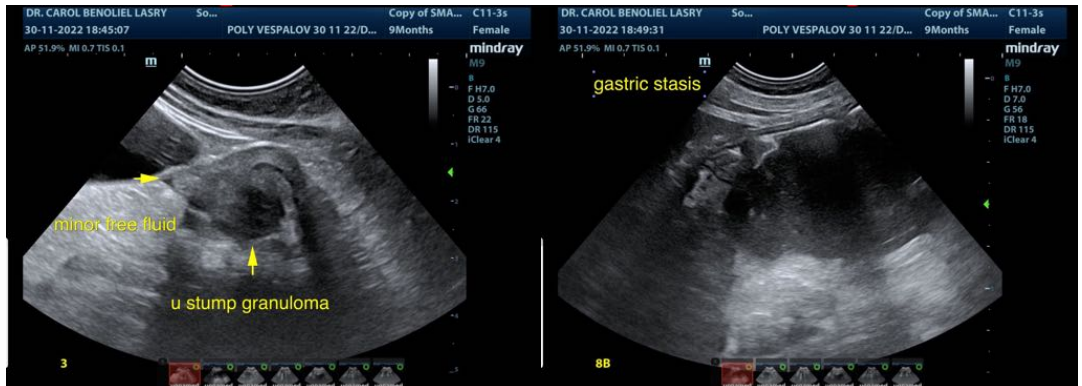
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Shar Pei

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Spayed female

AGE

9 months

WEIGHT

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