



PATIENT PRESENTING CLINICAL SIGNS

Nym Denis Anorexic and lethargic 2 year history of chronic diarrhea. Chest x rays no abnormalities seen
Abnormal PE/Chem/CBC/UA Results: Neutrophilia chemistry non diagnostic

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Husky X

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.

SEX

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.6 cm. The left kidney measured 5.7 cm.

AGE

9 Years

Adrenal Glands

WEIGHT

23 kg

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 0.42 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Belan

Liver

HOSPITAL NAME

Alpine 24/7

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.

REFERRING VET

Dr. Zhao

Gastrointestinal

INVOICE

26776

Gastric stasis noted. Variable intestinal thickening noted with increased submucosal echogenicity and undulating contour. A mesenteric lymph node was enlarged, round and hypoechoic, measuring 0.91 cm. Other smaller lymph nodes were enlarged as well. Stasis noted in the cecum. Areas of hypertrophied muscularis also noted with reactive mesentery. The descending colon was also thickened.

DATE

10/29/21

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed.



PATIENT

Nym Denis

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Chronic GI changes with regional lymphadenopathy – subacute on chronic inflammatory bowel likely.

BREED

Husky X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full thickness GI and lymph node biopsies would be ideal in this patient. A clinical trial of Enrofloxacin/Metronidazole, hydrolyzed diet and anti-parasitic protocol could be considered. If the patient is improving clinically, recheck sonogram recommended in 7-10 days, earlier if clinical signs are worsening. Possibility of emerging GI/lymph node based lymphoma or other form of round cell neoplasia. Guarded prognosis.

AGE

9 Years

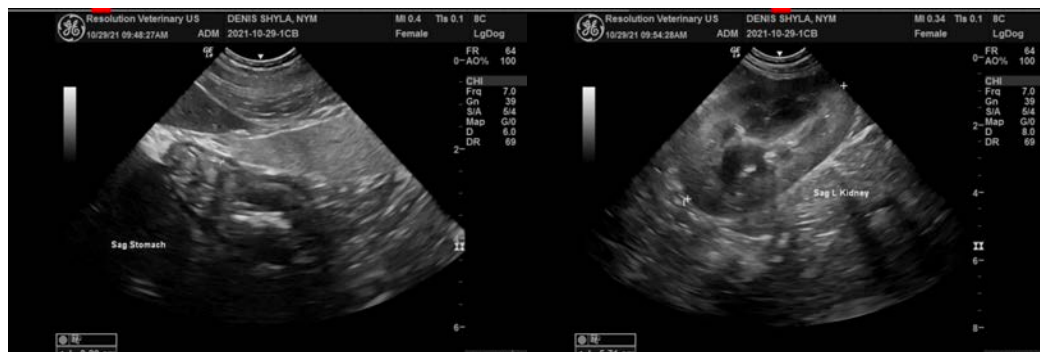


WEIGHT

23 kg

INTERPRETED BY

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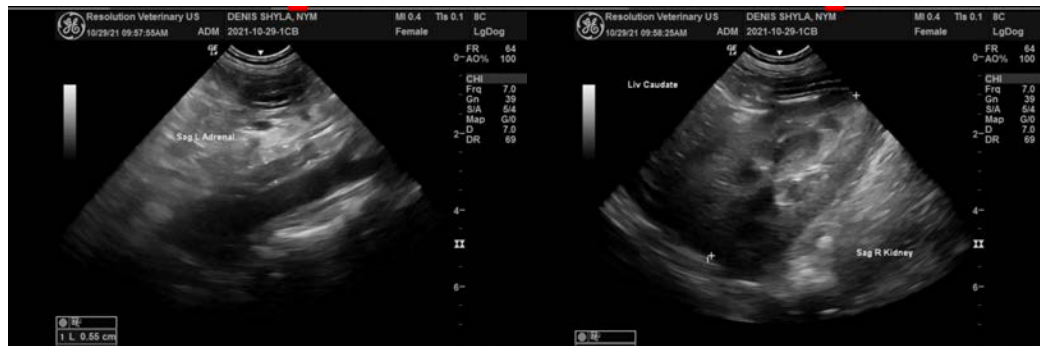
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HOSPITAL NAME

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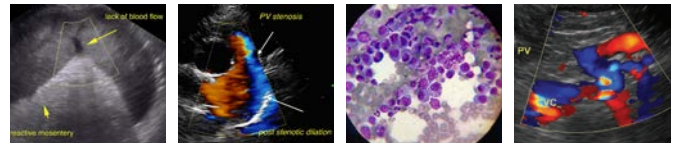


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PATIENT

Nym Denis

SPECIES

Canine

BREED

Husky X

SEX

Spayed Female

AGE

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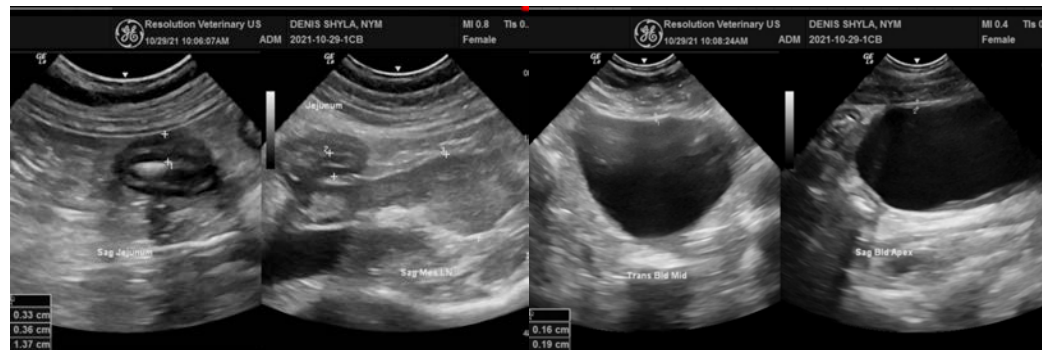
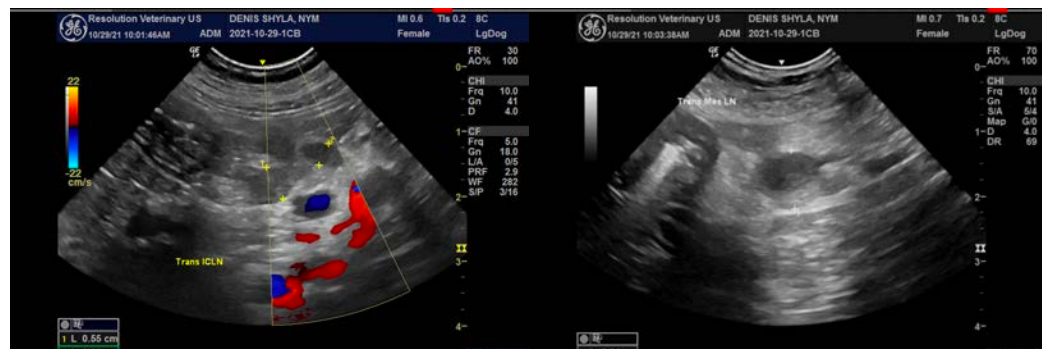
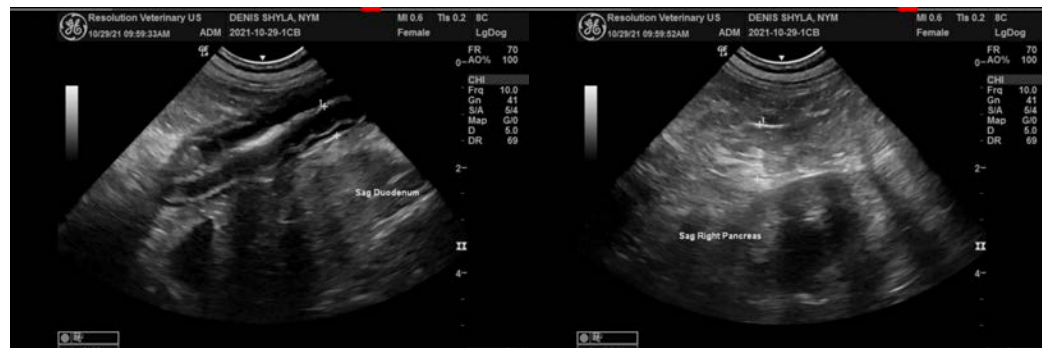
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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