



PATIENT PRESENTING CLINICAL SIGNS

Indy Wolf
Chronic history of intermittent vomiting and diarrhea despite prescription bland diet and famotidine. Abnormal PE/Chem/CBC/UA Results: Low grade fever, significant weight loss, tense on abdominal palpation BW: CHEM: decreased ALB (2.4), slightly low magnesium CBC: neutrophilia (11,174), monocytosis (1057); high normal WBC (15.1) Urinalysis performed 1/3/22 was negative for proteinuria

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Shnoodle

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.

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 6.5 cm. The left kidney measured 5.6 cm.

AGE

7 Years

WEIGHT

79.8 Pounds

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 3.25 cm x 0.60 cm. The right adrenal gland measured 2.6 cm x 0.46 cm at the cranial pole and 0.47 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Spleen

The **spleen** was enlarged, granular and hypoechoic with swollen irregular parenchyma. Enhanced surrounding mesentery noted.

IMAGING PERFORMED BY

Dr. Jessica Baiels

Liver

The **liver** was also swollen with increased portal markings noted. The gallbladder was unremarkable. Irregular contour and enhanced surrounding mesentery noted.

HOSPITAL NAME

All Creatures Great & Small
Corvallis

Gastrointestinal

The **stomach** itself was unremarkable. A 5.0 + cm small intestinal mass was noted in this patient deriving from the intestinal wall. Slight free fluid and regional inflammation noted. Variable intestinal thickening noted elsewhere. A large, undifferentiated adjacent mass was noted measuring approximately 5.0 cm, likely of lymph node origin or may be a continuation of the intestinal mass. This does not appear to be resectable. I fear intestinal, lymph node, splenic and hepatic enlargement.

REFERRING VET

Dr. Jessica Baiels

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Pancreas

The **pancreas** presented minor heterogeneous parenchymal changes with enhanced surrounding mesentery, suggestive for pancreatitis.

DATE

3/3/22



PATIENT

Indy Wolf

ULTRASONOGRAPHIC FINDINGS

- Multicentric neoplasia initiating in the intestine and regional lymph nodes likely involving the spleen and liver. Round cell neoplasia pattern.

SPECIES

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the intestinal mass, presumed lymph node mass, spleen and liver warranted with oncological intervention.

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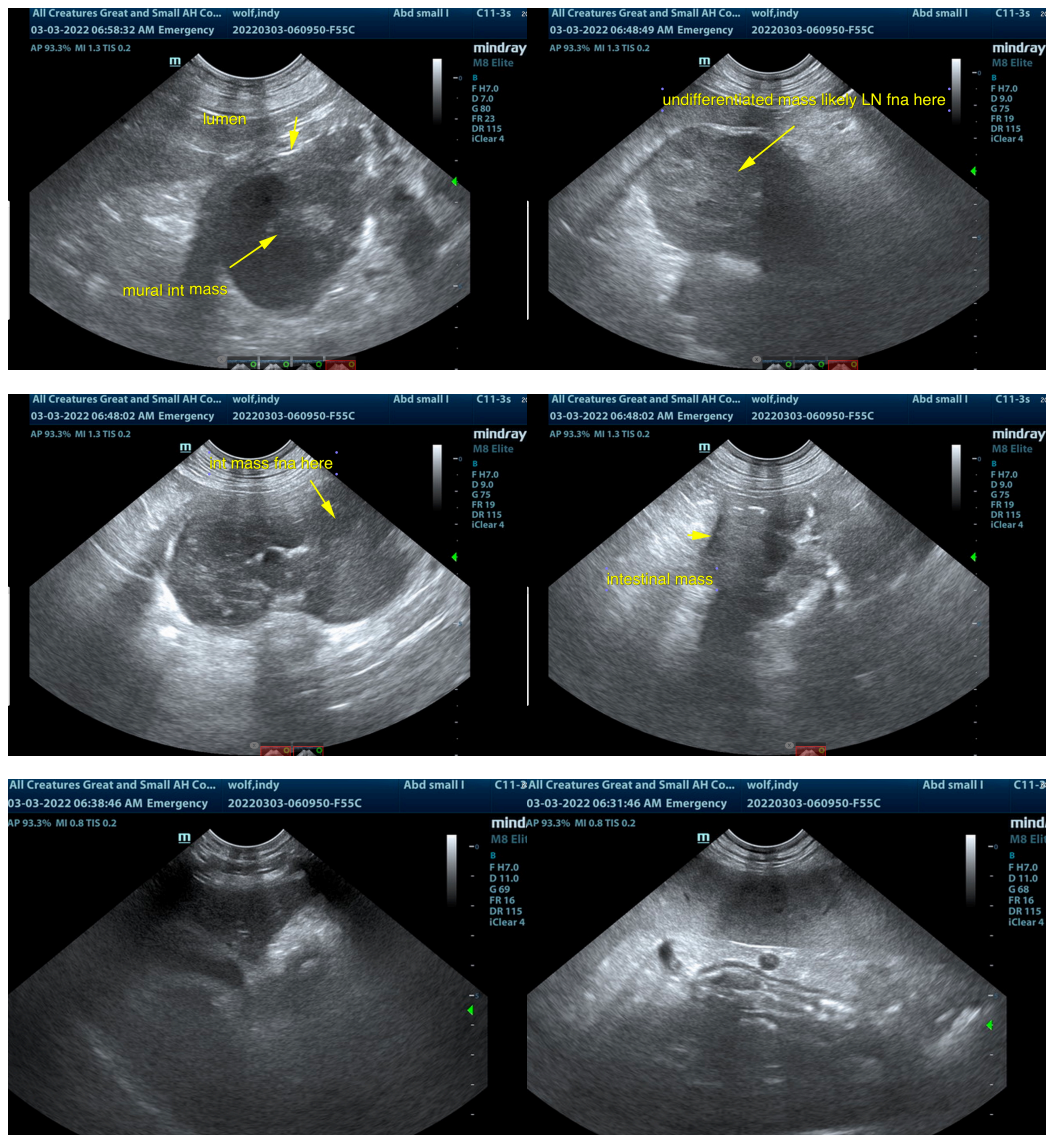
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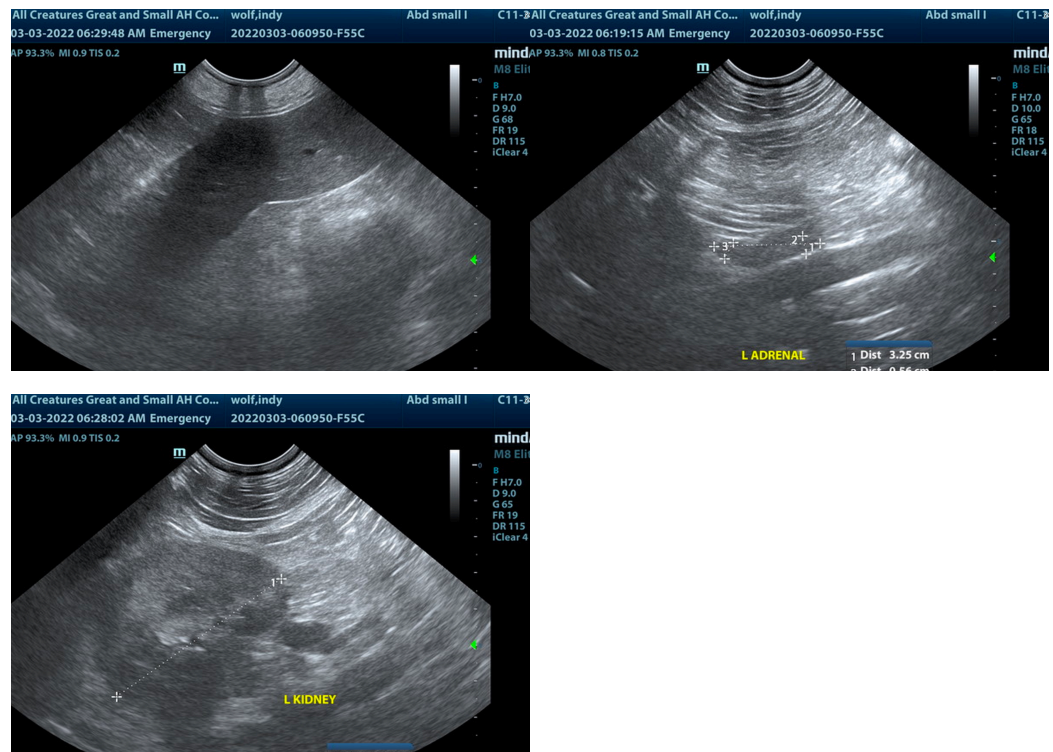
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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