



PATIENT

Otto Abelakovic

SPECIES

Canine

BREED

English Bulldog

SEX

Neutered male

AGE

11 years

WEIGHT

29 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Mortensen

INVOICE

96675

DATE

3/8/22

PRESENTING CLINICAL SIGNS

History: One day episode of profuse vomiting 2 weeks ago. Started on supportive medicine (Cerenia and famotidine with bland diet) while bloodwork was sent out. Significantly elevated liver enzymes, when called to discuss Otto was almost back to normal in the 24-36 hours after starting his medications. Abnormal PE/Chem/CBC/UA Results: AST (SGOT): 935 IU/L ALT (SGPT): 2,477 IU/L Alk Phosphatase: 484 IU/L GGT: 43 IU/L Total Bilirubin: 3.5 mg/dL Cholesterol: 341 ng/dL Chloride: 100 mEq/L HGB: 21.7 g/dL HCT: 61% Neutrophils: 12371 /uL

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 was 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 5.15 cm. The left kidney measured 5.1 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 0.59 cm at the caudal pole and 0.57 cm at the cranial pole. The right adrenal gland measured 0.94 cm at the cranial pole and 0.76 cm at the caudal pole.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The visible **liver** was unremarkable. The gallbladder and common bile duct were unremarkable.

Gastrointestinal and Pancreas

The stomach was over distended with chyme. The cranial abdomen revealed a mixed, echogenic mineralized mass that appeared to be deriving from the portion of small intestine, yet superimposes the pancreas and impinges upon the right liver and spleen.



PATIENT

Otto Abelakovic

SPECIES

Canine

BREED

English Bulldog

SEX

Neutered male

AGE

11 years

WEIGHT

29 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Mortensen

INVOICE

96675

DATE

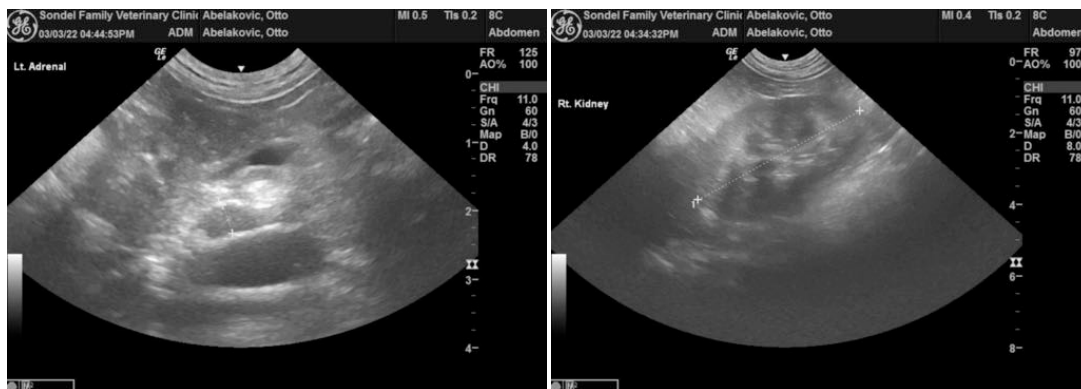
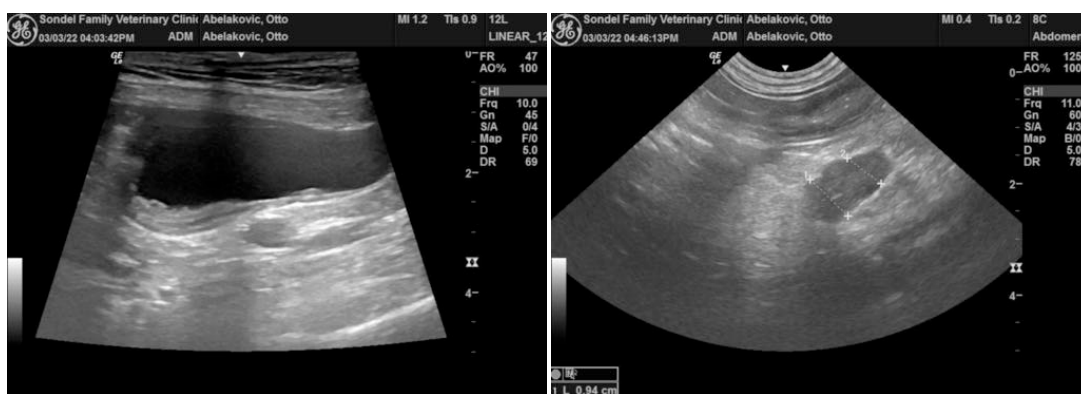
3/8/22

ULTRASONOGRAPHIC FINDINGS

Cranial abdominal mass, suspect intestinal origin, yet superimposes the pancreas and impinges upon the liver and spleen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery is indicated. This may be resectable. Otherwise, ultrasound-guided FNA is warranted for further definition. Chest radiographs are warranted. CT evaluation is recommended for surgical planning. However, the mass was undifferentiated and appears to be deriving from the intestinal loops, yet which portion was difficult to ascertain. Peripheral inflammation was also noted.





PATIENT

Otto Abelakovic

SPECIES

Canine

BREED

English Bulldog

SEX

Neutered male

AGE

11 years

WEIGHT

29 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC

REFERRING VET

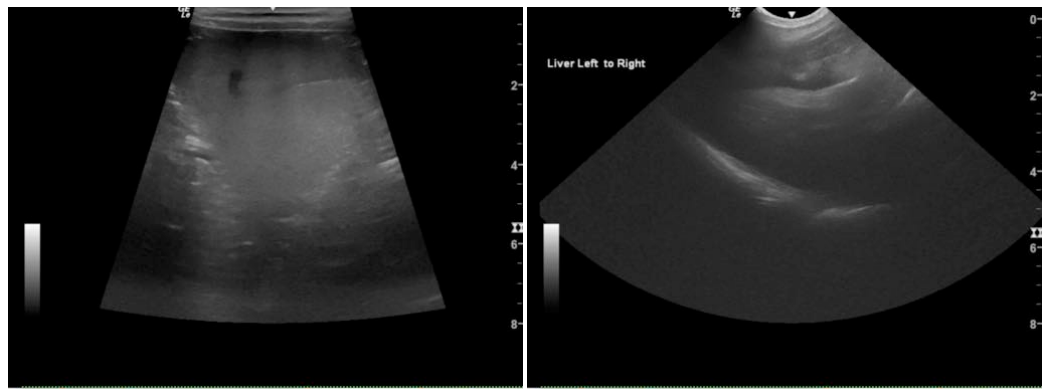
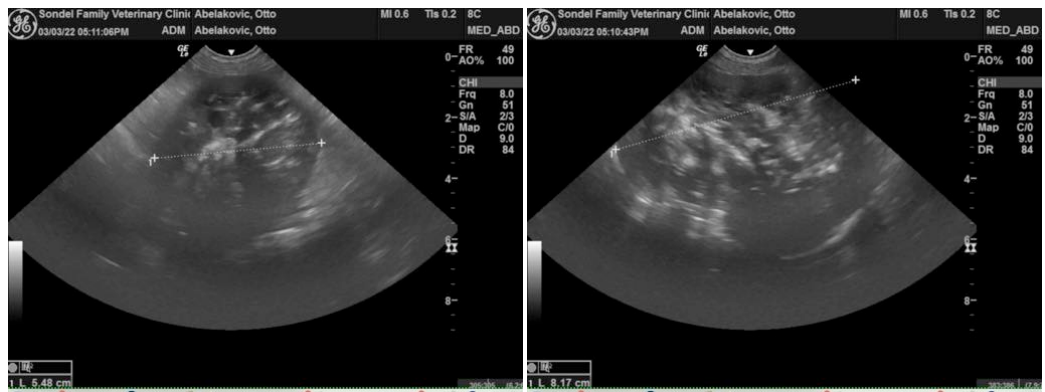
Dr. Mortensen

INVOICE

96675

DATE

3/8/22





PATIENT

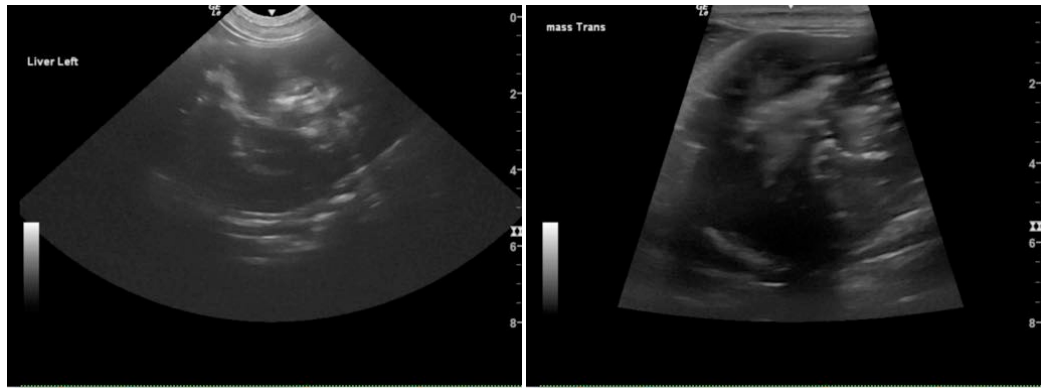
Otto Abelakovic

SPECIES

Canine

BREED

English Bulldog



SEX

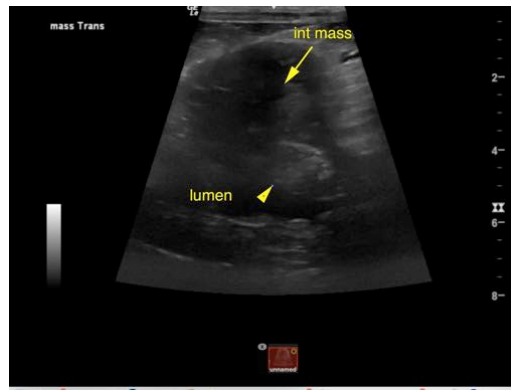
Neutered male

AGE

11 years

WEIGHT

29 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Mortensen

INVOICE

96675

DATE

3/8/22

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, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com