



PATIENT PRESENTING CLINICAL SIGNS

Cami Awl Anorexia and Icteric.
Abnormal PE/Chem/CBC/UA Results: Elevated liver enzymes. ALT 550U/L ALKP 262U/L GGT 23U/L TBIL 5.8U/L TT4: 19.4

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DML

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 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 kidneys measured 4.0 cm each.

AGE

~11 Years

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

WEIGHT

6 Pounds

Spleen

The **spleen** was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour. This is consistent with reactive spleen owing to immune stimulus or early infiltrative disease such as mast cell disease or lymphoma. 25-gauge FNA would be ideal if weight loss is an issue to differentiate early round cell neoplasia versus splenitis or reactive spleen all of which can present in this manner.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Dr. Mack

The **liver** was mildly swollen with slight coarse architecture. The gallbladder and common bile duct were unremarkable. No evidence of post-hepatic obstruction. FNA warranted to assess acute insult/hepatitis versus lymphoma.

HOSPITAL NAME

Northside Vet Clinic

Gastrointestinal

REFERRING VET

Dr. Mack

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility. Reactive mesenteric lymph nodes measured 1.0 cm x 0.5 cm.

INVOICE

24817

Pancreas

DATE

8/18/21

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. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain



PATIENT

Cami Awl

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.

ULTRASONOGRAPHIC FINDINGS

SPECIES

Feline

- Reactive spleen and acute hepatitis versus underlying round cell neoplasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA spleen and liver essential in this case. Guarded prognosis. Salmonella or similar infectious agent should be considered.

BREED

DML

SEX

Spayed Female

AGE

~11 Years

WEIGHT

6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mack

HOSPITAL NAME

Northside Vet Clinic

REFERRING VET

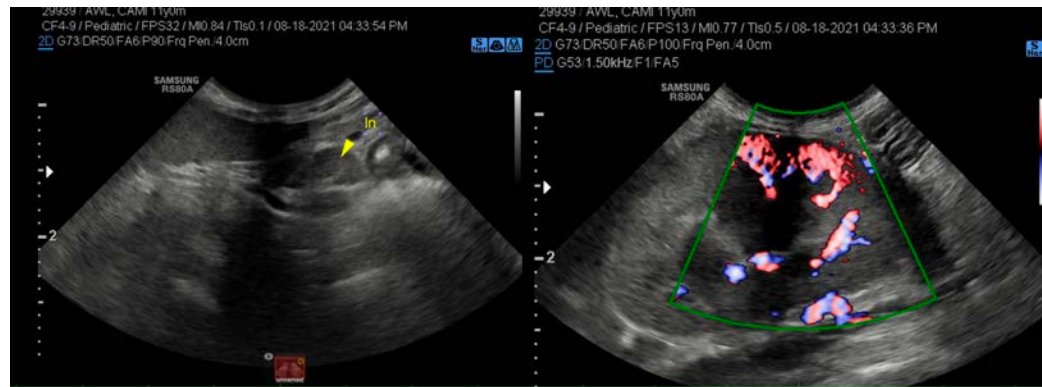
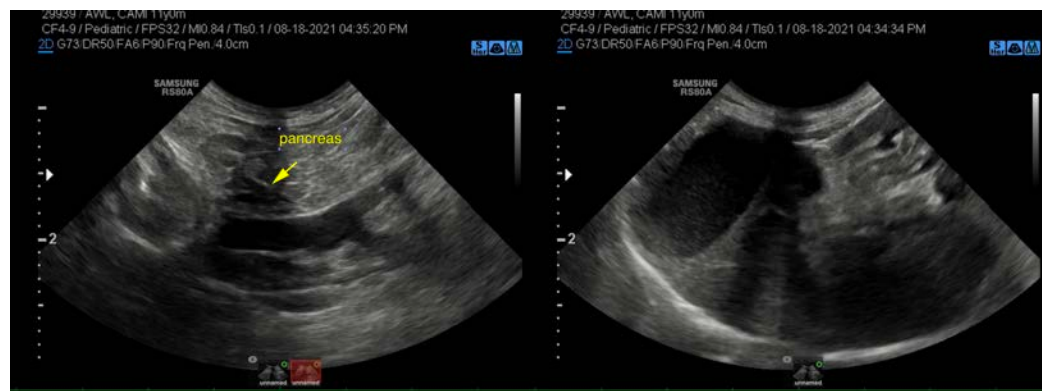
Dr. Mack

INVOICE

24817

DATE

8/18/21





PATIENT

Cami Awl

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.

SPECIES

Feline

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

DML

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

info@SonoPath.com

SEX

Spayed Female

AGE

~11 Years

WEIGHT

6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Mack

HOSPITAL NAME

Northside Vet Clinic

REFERRING VET

Dr. Mack

INVOICE

24817

DATE

8/18/21