



PATIENT

Twinkle Toes Zalewski

PRESENTING CLINICAL SIGNS

History: Weight loss, elevated liver value and chronic skin issues
Abnormal PE/Chem/CBC/UA Results: ALT 199

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Domestic Shorthair

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI.

SEX

Neutered male

AGE

7 years

The **kidneys** revealed generalized enlargement. The right kidney measured 4.05 cm. The left kidney measured 5.72

WEIGHT

10 lbs

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 0.42 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** was enlarged and irregular with scalloping contour.

IMAGING PERFORMED BY

JK

Liver

HOSPITAL NAME

Hamburg VC

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. Martens

INVOICE

97072

Gastrointestinal

DATE

3/22/22

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropy" 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 concerning lymphadenopathy was visible. 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



PATIENT

ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility.

Twinkle Toes Zalewski

SPECIES

Pancreas

Feline

The **pancreas** was enlarged, irregular with hypoechoic parenchyma with enhanced mesentery.

BREED

ULTRASONOGRAPHIC FINDINGS

Domestic Shorthair

- Enlarged spleen and kidneys.
- Prominent, irregular pancreas.

SEX

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

FNA of the spleen and kidneys are recommended to rule out underlying lymphoma. Treatment for pancreatitis is warranted in the meantime. The prognosis is guarded.

7 years

WEIGHT

10 lbs

INTERPRETED BY

Eric Lindquist, DMV
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JK

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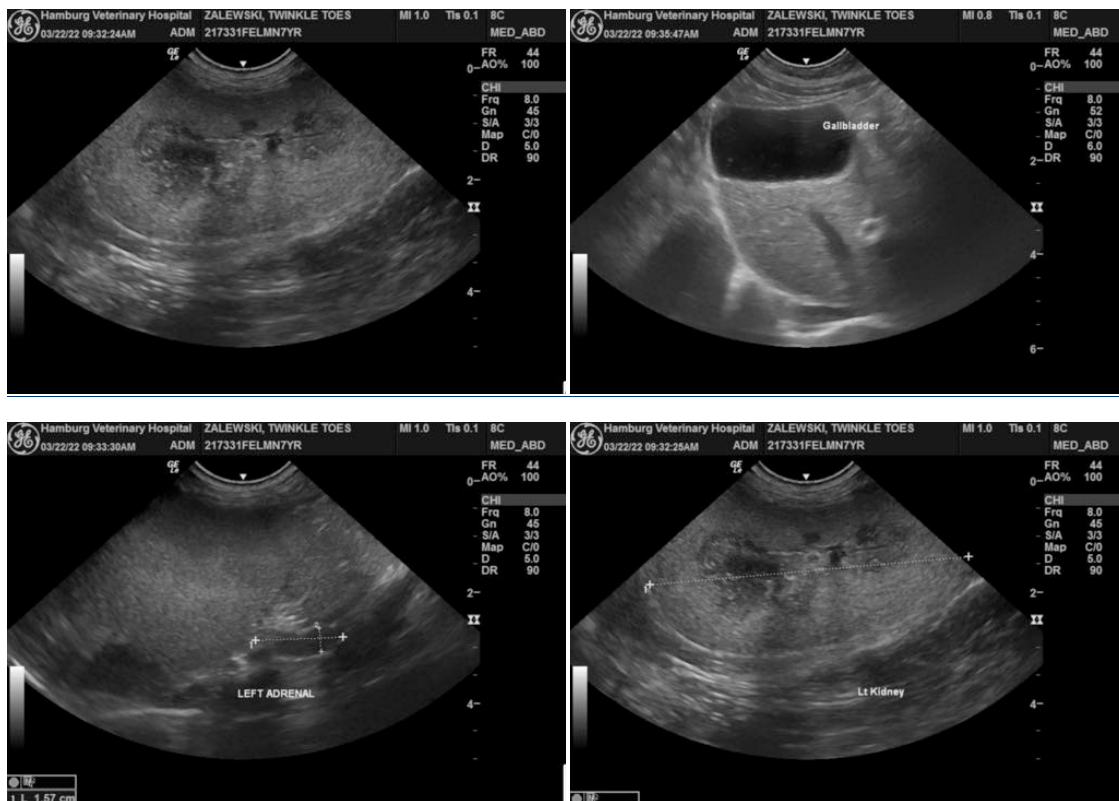
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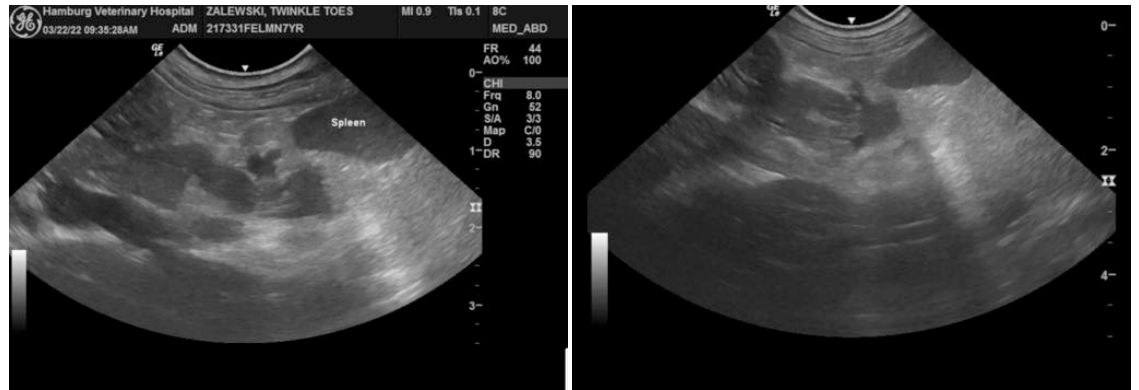
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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