



**PATIENT**

Zoe Whitmer

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

Spayed Female

**AGE**

11 Years

**WEIGHT**

21.81 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Erin Wicks

**HOSPITAL NAME**

Shores VEC

**REFERRING VET**

Dr. Zippay

**INVOICE**

13147

**DATE**

12/26/21

**PRESENTING CLINICAL SIGNS**

History: Presented at our hospital for collapsing this am/seizure. O heard a loud thump, found her against the wall, stiff. Zoe has not been feeling well for the last week. O has only filled the food bowl once in a week. She will eat treats. Sr wellness workup normal 6 mo ago Previous Health Concerns: none

Abnormal PE/Chem/CBC/UA Results: Abdominal: non-reactive abdominal palpation, no obvious mass noted; foul smelling gas during exam Radiographs: loss of detail cranial abdomen; difficult to visualize stomach margins or rule out mass; empty small intestines, small amount of stool within colon, significant LS spondylosis, mild along cranial lumbar spine, unremarkable thoracic radiographs Chemistry: Globulin 4.1 H, Cholesterol 361 H, Amylase 1764 H CBC: WBC 20.58 H, PMN 18.73 H, stress leukogram, HCT 35.6% Normal EPOC: pH 7.483 H, HCT 37% Normal cPL: normal Flex 4: negative x 4

**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 were 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 left kidney measured 6.37 cm. The right kidney measured 6.18 cm.

**Adrenal Glands**

The **left adrenal gland** was 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 0.5 cm.

The region of the **right adrenal gland** revealed no evident pathology.

**Spleen**

The **spleen** revealed a 5 cm x 4 cm irregular mass with other nodular changes occupying the mid cranial spleen. No evidence of rupture or hemorrhage. A separate splenic mass was noted deriving from the caudal pole superimposed upon the pancreas.

**Liver**

The right lateral **liver** revealed a hyperechoic 4.17 cm mass without deviation of regional structure. Slight scalloping contour to the liver and minor coarse architecture were noted. The gallbladder wall was slightly echogenic.

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



**PATIENT**

Zoe Whitmer

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**Pancreas**

**SPECIES**

Canine

The **pancreas** was hypoechoic and irregular with heterogeneous parenchymal changes.

**BREED**

Pitbull

**ULTRASONOGRAPHIC FINDINGS**

- Splenic masses
- Right cranial liver nodule/mass, however, may be unrelated and benign
- Heterogeneous pancreas

**SEX**

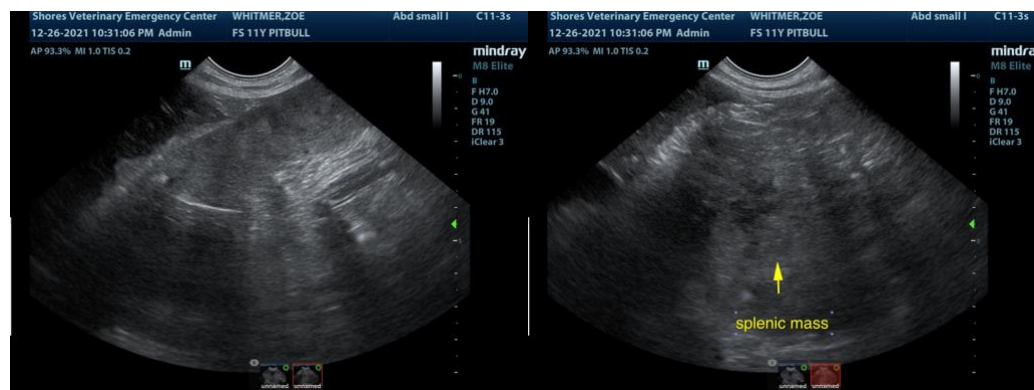
Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I recommend exploratory surgery. Chest radiographs and rapid echocardiogram were unremarkable. Hemangiosarcoma suspected. Hematoma possible yet less likely. Round cell neoplasia less likely.

**AGE**

11 Years

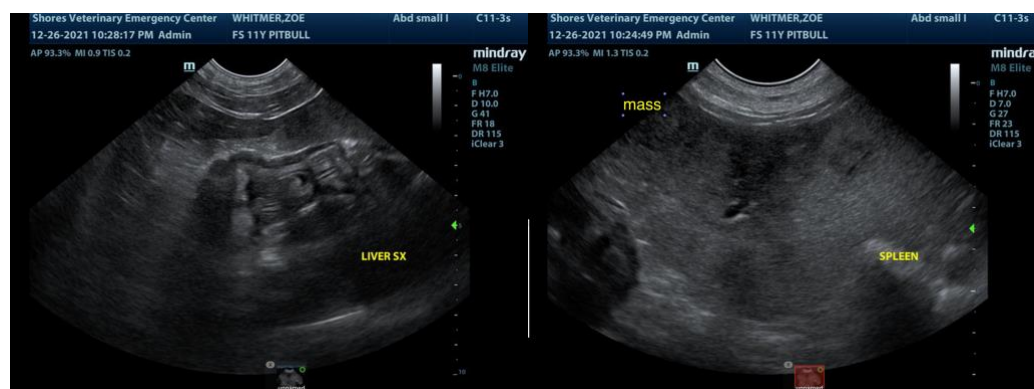


**WEIGHT**

21.81 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS



**IMAGING PERFORMED BY**

Erin Wicks

**HOSPITAL NAME**

Shores VEC

**REFERRING VET**

Dr. Zippay

**INVOICE**

13147

**DATE**

12/26/21



## PATIENT

Zoe Whitmer

## SPECIES

Canine

## BREED

Pitbull

## SEX

Spayed Female

## AGE

11 Years

## WEIGHT

21.81 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Erin Wicks

## HOSPITAL NAME

Shores VEC

## REFERRING VET

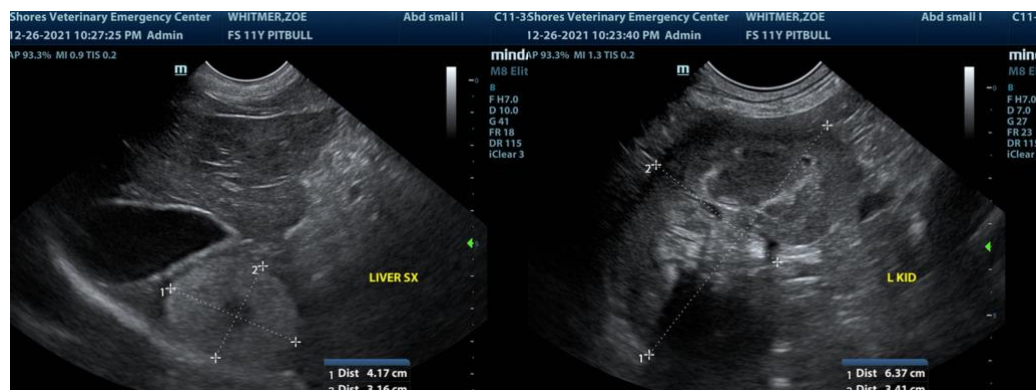
Dr. Zippay

## INVOICE

13147

## DATE

12/26/21



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.

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