



PATIENT

Max Ensminger

SPECIES

Canine

BREED

Boxer

SEX

Neutered Male

AGE

14 Years

WEIGHT

35.6 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Nelson

INVOICE

37577

DATE

5/11/22

PRESENTING CLINICAL SIGNS

Presented at our hospital for transfer from rdvm. Lethargy, anorexia, fever. Last week diagnosed with aspiration pneumonia (cough, panting, increased respiratory effort). Seen yesterday, diagnosed pancreatitis; in hospital day treatment at rdvm yesterday and today. Previous Health Concerns: arthritis hips, aspiration pneumonia, heart murmur, skin lumps/cysts, pancreatitis Current Medications: carprofen 100 mg 1 tab am and ½ tab pm; doxycycline (4 doses given last week); 5/6 started Cerenia and propectalin; in hospital treatment (iv fluids, Cerenia iv 8:30 am, ondansetron 1 pm, Lasix 3:30 pm, ampicillin 3:30 pm, metronidazole po 8:30 am, buprenorphine 8:30 am) Appetite/When did they eat last: not eating well for 7 days, few times bland diet

Abnormal PE/Chem/CBC/UA Results: Respiratory: increased rate and effort, no crackles ausculted Abdominal: soft, no reaction to palpation 1) Epop: pCO2 26.5 L, bicarbonate 15.3 L, TCO2 16.2 L, BUN 39 H, creatinine 2.17 H 2) Radiographs: cardiomegaly (VHS 12.75), mild-moderate peri-hilar pulmonary edema

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** were swollen and irregular. Hypoechoic nodular changes noted on the caudal pole of the right kidney, and micronodular changes on the cortex of the left kidney. The left kidney measured 7.18 cm. The right kidney measured 8.15 cm. Reactive mesentery noted around the kidneys.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed a 5.0 cm mixed hypoechoic mass at the caudal body with reactive mesentery noted around the spleen.

Liver

The **liver** presented swollen, irregular contour and coarse architecture. Enhanced surrounding mesentery noted. Subtle micronodular parenchymal changes and multiple expansive masses noted. Hepatic lymph nodes were enlarged and irregular. The gallbladder was unremarkable.

Gastrointestinal

Variable **gastrointestinal** thickening noted with regional free fluid. Much of the upper GI was obscured by reactive mesentery.

Pancreas

Reactive mesentery was noted throughout the cranial abdomen, obscuring portions of the **pancreas**.

ULTRASONOGRAPHIC FINDINGS

- Aggressive multicentric neoplasia involving the spleen, liver and kidneys – sarcoma pattern.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Humane euthanasia should be considered in this patient.

SPECIES

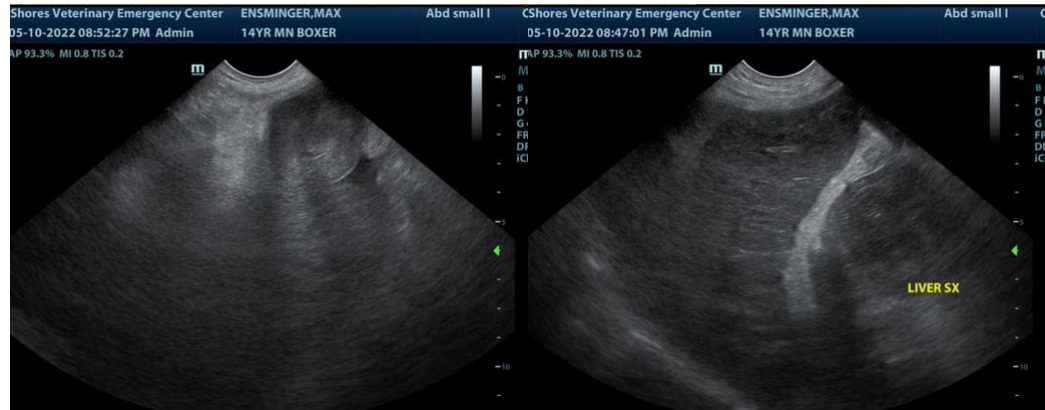
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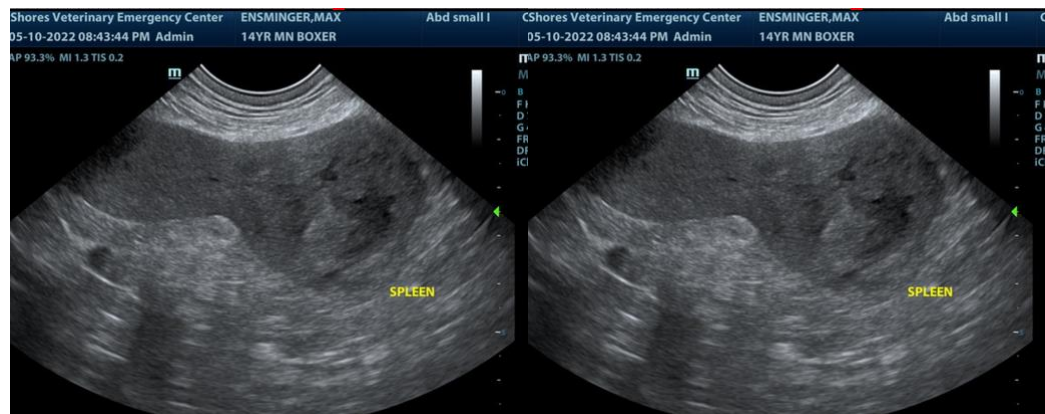


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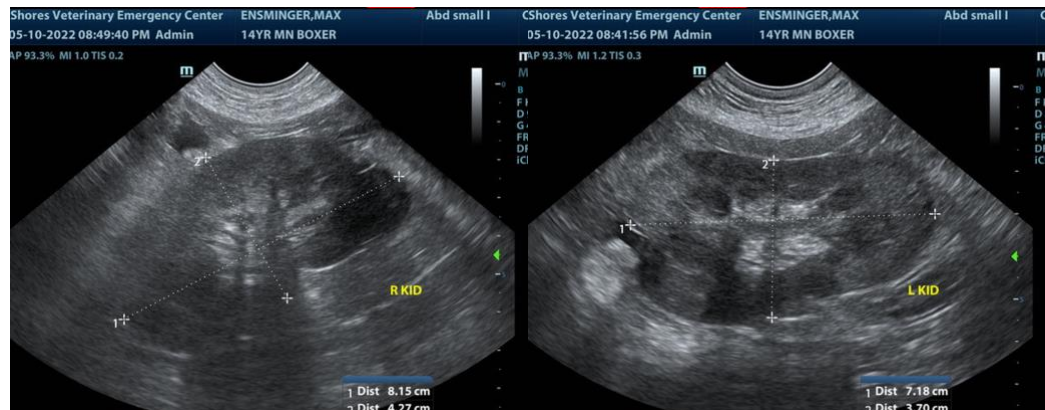
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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