



PATIENT

Fern Pierson

SPECIES

Canine

BREED

Mix

SEX

Spayed female

AGE

14 years

WEIGHT

52 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chelsea Pastor

HOSPITAL NAME

Fredon AH

REFERRING VET

Dr. Grau

INVOICE

40093

DATE

10/17/22

PRESENTING CLINICAL SIGNS

History: Weakness, seen for bloody growth on lip
Abnormal PE/Chem/CBC/UA Results: PE: organomegaly cranial ventral abd Rads: irregular appearance to spleen

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.95 cm. The right kidney measured 4.0 cm. Corticomedullary mineralization was noted in both kidneys and was non-obstructive.

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.

Spleen

The **spleen** was riddled with multiple, target lesions and surrounding free fluid with overt mass deriving from the cranial pole.

Liver

The **liver** revealed multi-focal nodules and masses occupying the left liver with nodular cavitations noted in the right liver. 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.

Gastrointestinal

The **gastrointestinal tract** is encompassed by adhesions, omentum and neoplastic spread.



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Pancreas

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Diffuse seeding was noted throughout the abdomen and encompassed the **pancreas**.

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ULTRASONOGRAPHIC FINDINGS

Abdominal neoplasia with mesenteric seeding. Hemangiosarcoma is likely.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Humane euthanasia should be considered in this patient.

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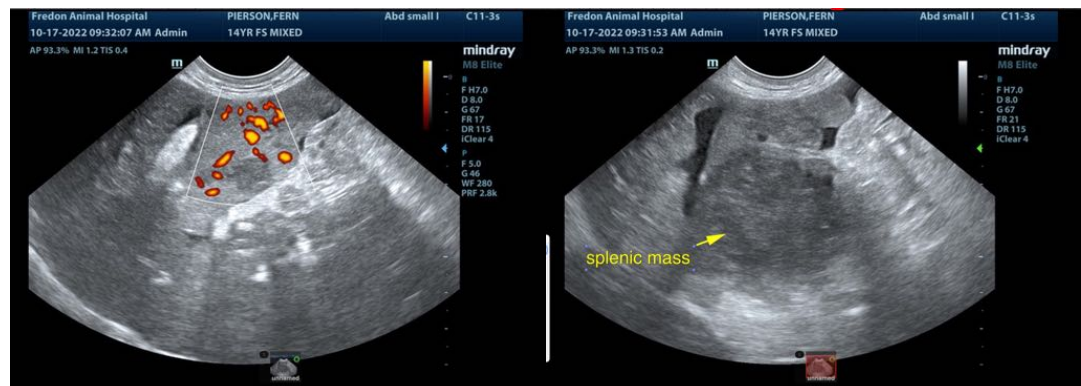
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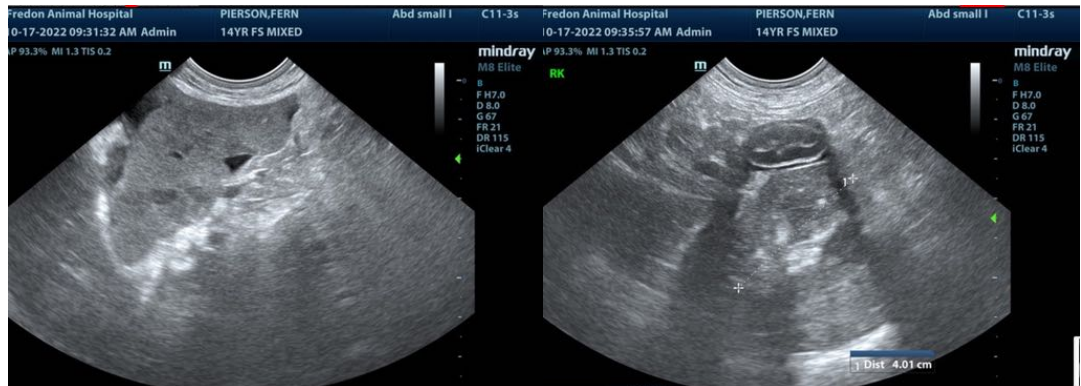
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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