



**PATIENT**

Sam Freedman

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Neutered male

**AGE**

9 years

**WEIGHT**

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Animal General  
Hudson

**REFERRING VET**

Dr. Freedman

**INVOICE**

42503

**DATE**

2/1/23

**PRESENTING CLINICAL SIGNS**

History: Recheck abdominal masses near splenic fossa and area of previously removed left kidney; assessing whether chemotherapy and radiation treatments are working.

**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 residual prostate measured 1.5 cm.

The **right kidney** 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 right kidney measured 5.62 cm. The right kidney was not visualized.

**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 right adrenal gland measured 3.07 x 1.05 cm at the cranial pole and 0.69 cm at the caudal pole. The left adrenal gland measured 3.21 x 0.7 cm at the caudal pole and 0.72 cm at the cranial pole.

**Spleen**

The region of the **splenic** fossa was unremarkable.

**Liver**

The **liver** revealed slightly coarse architecture with no overt evidence of masses or metastatic disease. The changes are expected for this age patient. The right cranial liver revealed nodules that measured 3.8 x 3.06 cm, yet the margins were ill-defined. The gallbladder and common bile duct were unremarkable.

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



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**Pancreas**

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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**Heart**

Rapid view of the heart revealed no evidence of pathology.

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**ULTRASONOGRAPHIC FINDINGS**

Right cranial liver nodules to monitor.

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9 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

This is most consistent with remission in this patient; however, the right cranial liver should be monitored in 3-4 weeks for any progression.

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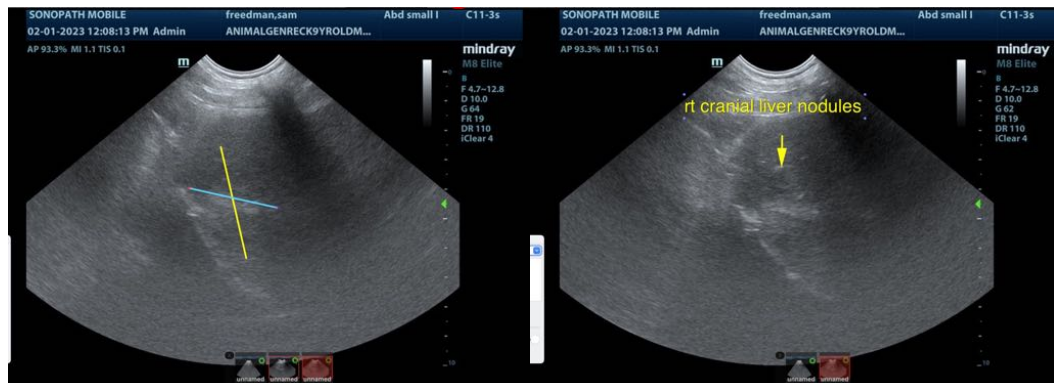
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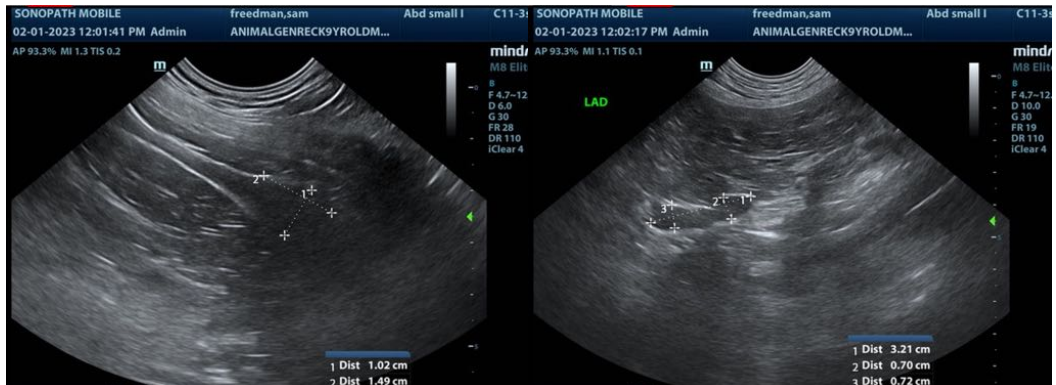
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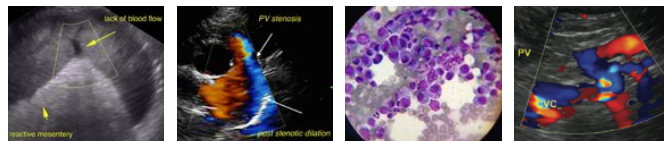
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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Info@SonoPath.com

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