



**PATIENT**

Jax Hicks

**SPECIES**

Canine

**BREED**

German Shorthair  
 Pointer

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

94.6 pounds

**INTERPRETED BY**

Eric Lindquist, DMV,  
 DABVP(CFM), Cert.  
 IVUSS

**IMAGING PERFORMED BY**

Chloe Rowe

**HOSPITAL NAME**

Animal General  
 Veterinary Hospital

**REFERRING VET**

Dr. Pileci

**INVOICE**

13631

**DATE**

02/06/26

**PRESENTING CLINICAL SIGNS**

- “Swollen abdomen”
- lethargic
- 10lb weight gain in <1 month
- mm pink
- CRT>2 sec
- Temp 99
- increased respiratory effort
- abdomen tense

Abnormal PE/Chem/CBC/UA Results: Anaplasma + ALT 216

**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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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. Cortical infarcts were noted in the right kidney. The left kidney measured 7.1 cm in length. The right kidney measured 7.1 cm in length.

**Adrenal Glands**

Both **adrenal glands** were not visualized owing to extensive ascites.

**Spleen**

The **spleen** presented with minor hypoechoic nodular changes.

**Liver**

The **liver** in this patient was riddled with multiple mixed echogenic masses measuring up to 8.0 cm. The gallbladder and common bile duct were unremarkable. The liver masses occupied both the right and left liver with areas of cavitation in the liver masses.

**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.

**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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**Free Abdomen**

A large amount of echogenic ascites were noted in this patient.

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Pericardial effusion was noted throughout the diaphragm extending approximately 3.0 cm with tamponade effect.

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**ULTRASONOGRAPHIC FINDINGS**

- Age-related renal changes with right kidney cortical infarcts.
- Multifocal hepatic neoplasia and ascites.
- Pericardial effusion.
- Nodular splenic changes.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Multicentric neoplasia with likely metastatic disease to the heart. Prognosis is poor. Humane euthanasia should be considered in this patient.

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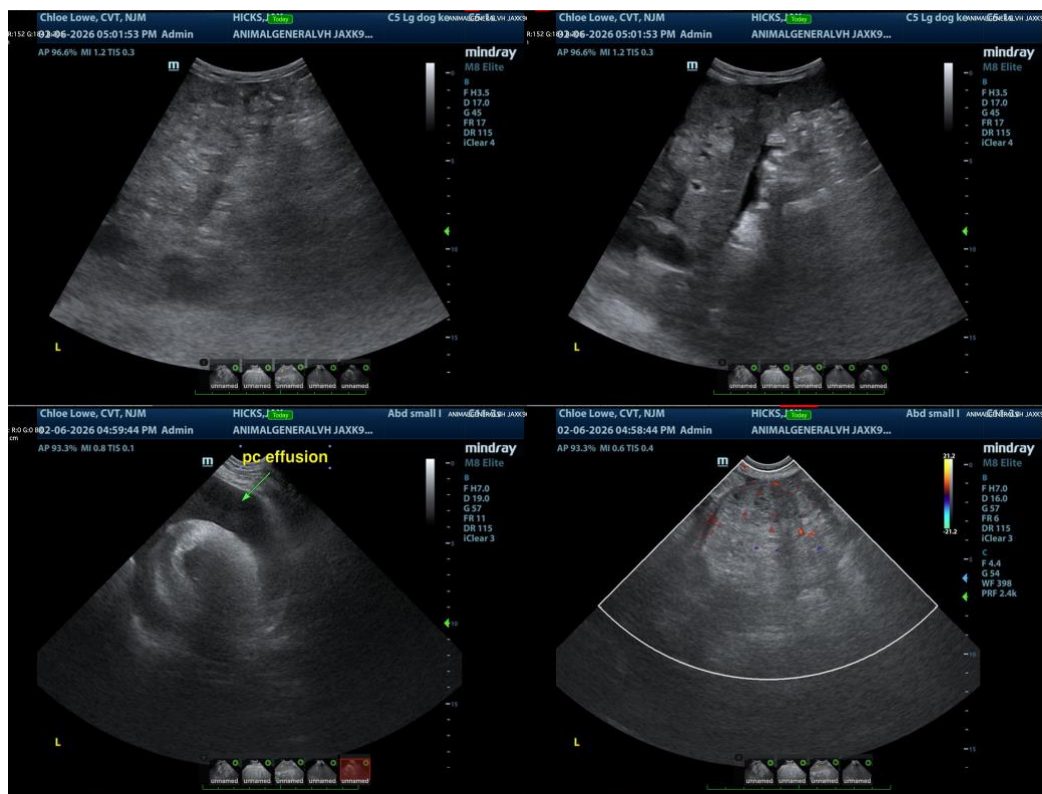
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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(CFM), Cert. IVUSS,**

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