



PATIENT

Bailey Divis

PRESENTING CLINICAL SIGNS

Coughing - one episode of coughing up blood. chest rads nsf. Hx of panting- pain vs intermittent anemia
Abnormal PE/Chem/CBC/UA Results: Anaplasma positive since 3/2020; HCT 42%, increased retics 272; USPG 1.031

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Golden Retriever

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.

SEX

Spayed Female

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.

AGE

12 years

The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.88 cm. The left kidney measured 6.5 cm.

WEIGHT

74.5 lbs

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 left adrenal gland measured 3.03 x 0.67 cm at the caudal pole and 0.47 cm at the cranial pole. The right adrenal gland measured 3.4 x 1.09 cm at the cranial pole and 0.66 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

HOSPITAL NAME

Wantage VH

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Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Mild, hypoechoic, heterogenous changes were noted in the liver. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable. Transdiaphragmatic view revealed comet tail lung pattern. This is consistent with bronchoalveolar lung pattern.

DATE

12/20/21



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Gastrointestinal

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. There was retention of ingesta noted in the stomach. 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.

SPECIES

Canine

BREED

Pancreas

Golden Retriever

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.

SEX

Spayed Female

Free Abdomen

AGE

12 years

An abdominal lipoma was noted measuring approximately 6.0 cm.

WEIGHT

74.5 lbs

Heart

Rapid view of the heart revealed pericardial effusion and 2.0 cm right auricular nodule.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

ULTRASONOGRAPHIC FINDINGS

Comet tail lung pattern.

Right auricular nodule with slight pericardial effusion, strongly consistent with early hemangiosarcoma.

IMAGING PERFORMED BY

Minor heterogenous hepatic changes.

Otherwise, unremarkable abdomen.

Diane McFadden, RVT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If any weight loss is noted or if the patient has elevated liver enzymes then FNA would be indicated. Chest CT is recommended to assess alveolar disease. Prognosis is guarded.

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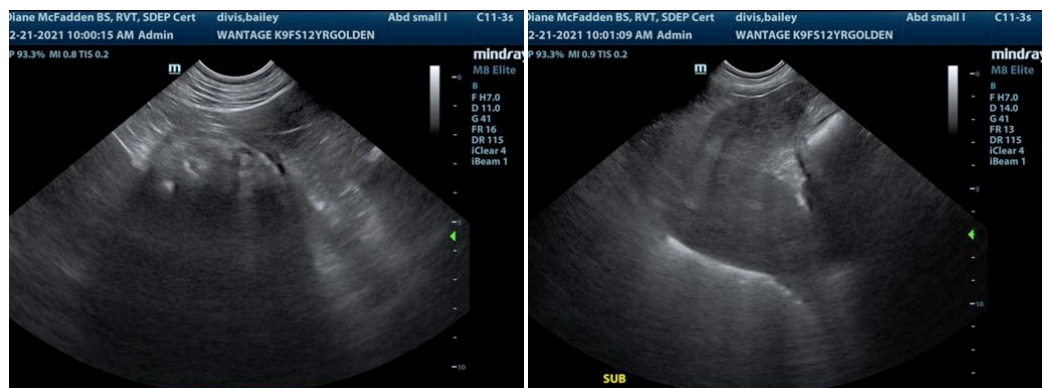
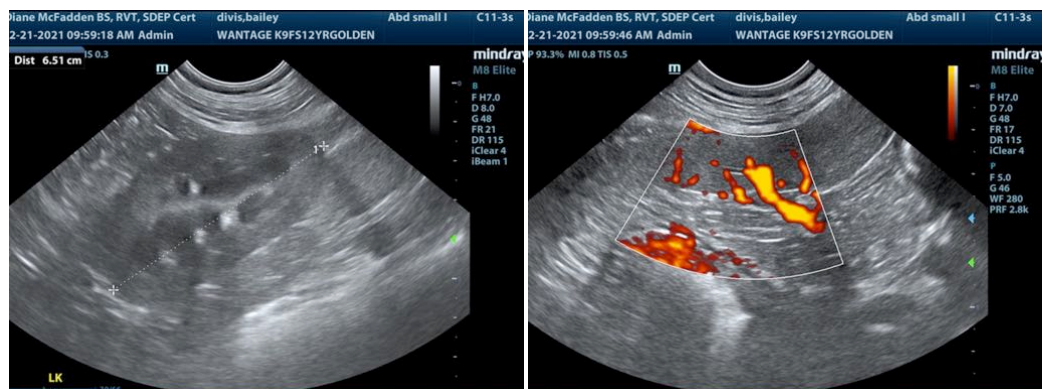
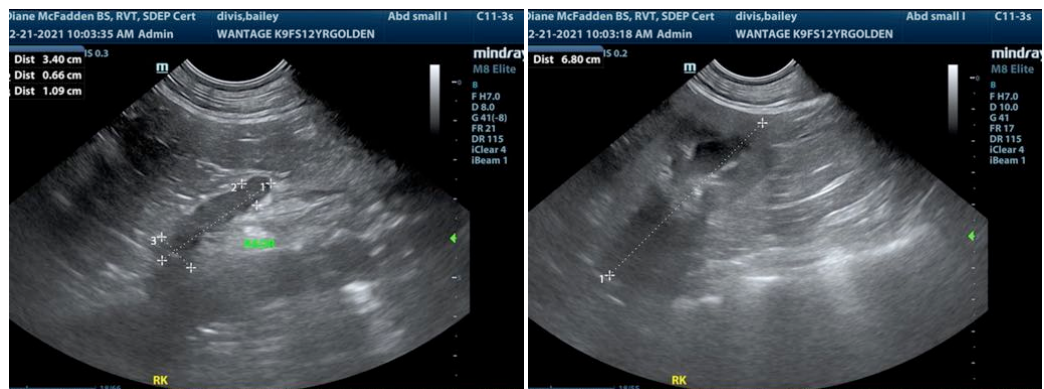
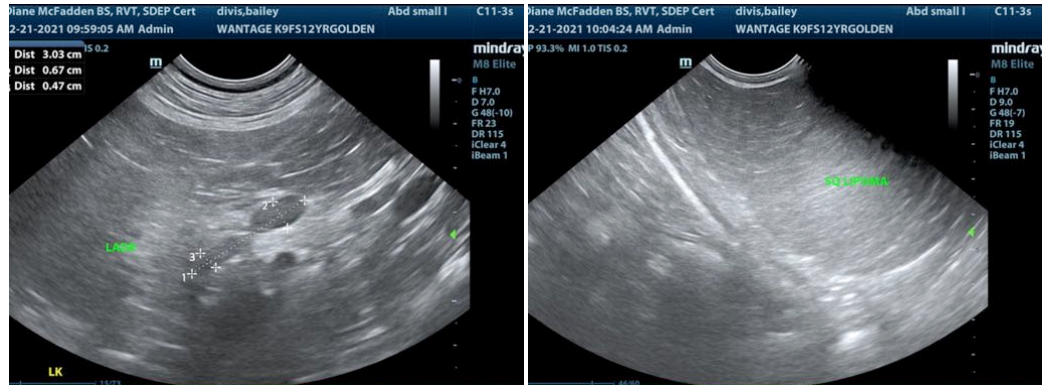
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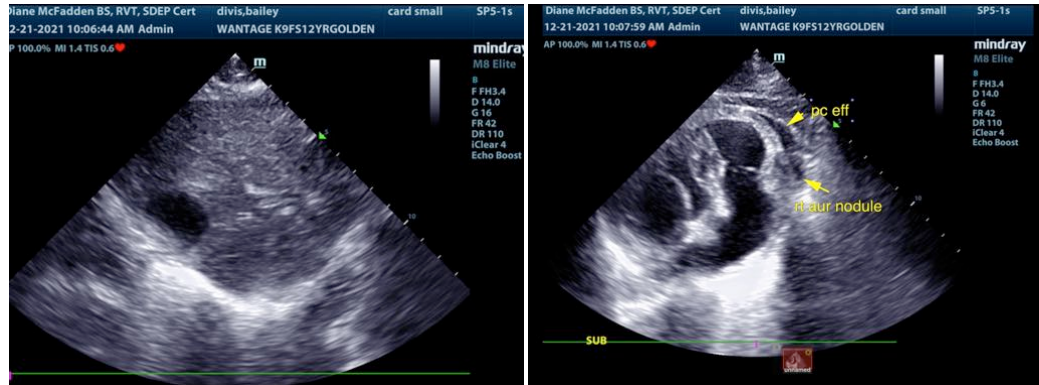
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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