



PATIENT

Hunter Bianes

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

12 years

WEIGHT

15.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Bailes

HOSPITAL NAME

All Creatures Great
and Small VC

REFERRING VET

Dr. Litalian

INVOICE

96976

DATE

3/17/22

PRESENTING CLINICAL SIGNS

History: Examined 1/13/22 for evaluation of persistently elevated 3rd eyelid. Indoor only; no prior health concerns.
Abnormal PE/Chem/CBC/UA Results: Elevated 3rd eyelids, otherwise NSF on PE Bloodwork: CBC: NSF Chem: amylase 1496 (100-1200) rest WNL creat 1.4 PSL WNL T4: 2.3 UA: USG - 1.063, pH - 7.0, +1 protein, quiet sediment UPCR: 0.1 Thoracic/abdominal rads: Radiographic
Conclusions/Recommendations: 1. Poorly defined soft tissue opaque pulmonary nodule in the right caudal dorsal pulmonary parenchyma. Primary pulmonary neoplasia such as adenocarcinoma, single metastatic nodule, single granuloma (parasitic), or abscess could be considered. An ultrasound-guided fine-needle aspirate could be considered; however, given the location, sampling will be challenging. Testing the patient for lungworms and cross-sectional imaging (CT) could also be pursued for further assessment. 2. Multiple narrowed caudal thoracic and lumbar intervertebral disc spaces. Chronic intervertebral disc disease could be considered. Correlation with the current neurologic status is recommended. 3. Unremarkable abdomen No improvement in pulmonary nodule despite two rounds of profender. AUS performed today to R/O primary ACC.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 4.9 cm. The left kidney measured 4.85 cm.

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 0.47 cm. The right adrenal gland measured 0.3 cm.

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.



PATIENT *Liver*

Hunter Bianes

The **liver** revealed mildly increased portal markings. 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.

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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

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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ULTRASONOGRAPHIC FINDINGS

Age related abdominal changes.

INTERPRETED BY

Moderate degenerative renal changes.

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of primary pathology. The changes are expected for this age patient.

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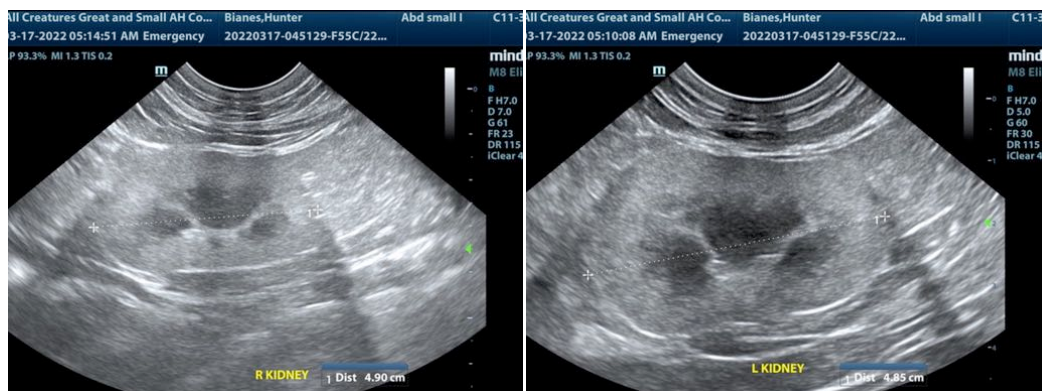
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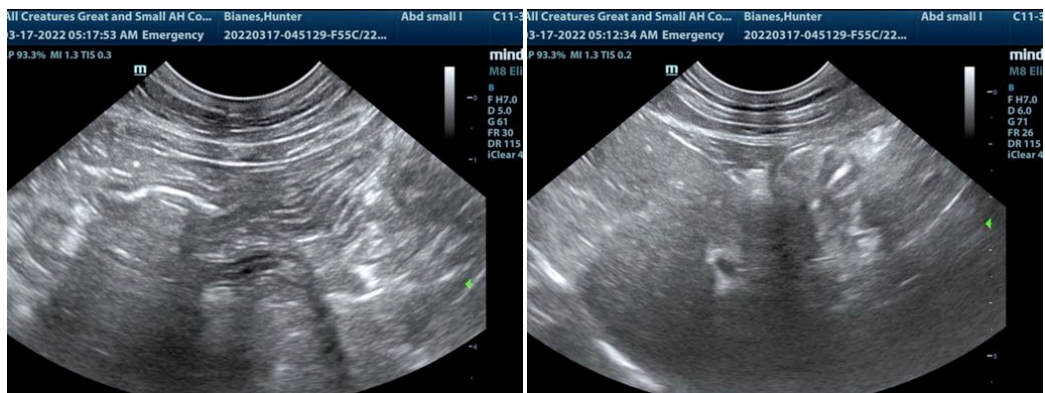
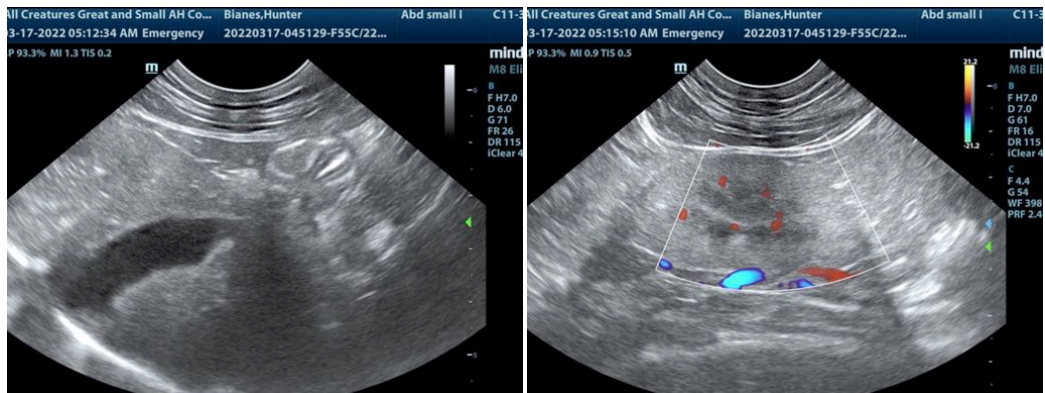
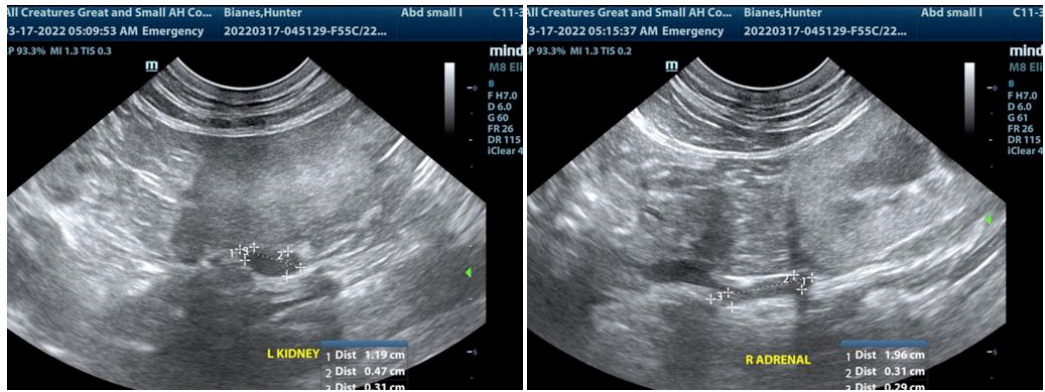
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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info@SonoPath.com

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