



PATIENT

Ellie Hudson

SPECIES

Canine

BREED

Mixed Breed

SEX

Spayed Female

AGE

10 Years

WEIGHT

34 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Julia Bakker DVM

HOSPITAL NAME

Orange Blossom
Veterinary Imaging

REFERRING VET

Caset Siliestrom DVM

INVOICE

15330

DATE

04/21/26

PRESENTING CLINICAL SIGNS

Senior wellness appointment. Labwork - Complete blood count was reported to show normocytic, normochromic, non-regenerative anemia (without reticulocytosis) with lymphopenia
Radiographic Findings:- Abdominal X-rays: - Thickening of the gastric wall - Gas present in the cecum - Normal size and shape of spleen and liver - Large stool burden in the colon- Thoracic X-rays: - Increased opacity in the mediastinum - Possible cranial mediastinal mass with dorsal tracheal deviation - Multiple nodules in the caudodorsal lung lobes, miliary pulmonary pattern, and diffuse alveolar pattern - Cardiomegaly with heart murmur (grade 3/6) noted

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/moderate 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. Dystrophic mineralization was noted and non-obstructive at this time. The left kidney measured 5.6 cm in length. The right kidney measured 6.22 cm in length.

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 2.05 cm x 0.43 cm width at the caudal pole and 0.53 cm width at the cranial pole. The right adrenal gland measured 2.24 cm x 0.85 cm width at the cranial pole and 0.46 cm width at the caudal pole.

Spleen

The **spleen** revealed multifocal nondisruptive nodular changes measuring up 1.26 cm x 0.96 cm.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild age-related parenchymal remodeling was noted but likely not clinically significant at this time. Hepatic vein dilation 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.

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. 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.

Free Abdomen

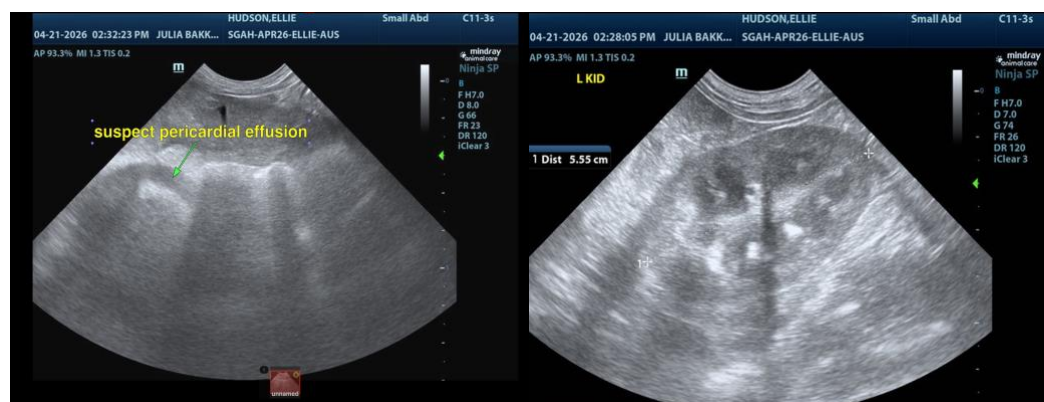
Transdiaphragmatic view revealed potential pericardial effusion in this patient. The thorax revealed multifocal hypoechoic nodular changes with disrupted architecture and a heart-based mass measuring 5.16 cm by 3.8 cm. A separate undifferentiated thoracic mass was present measuring 6.0+ cm.

ULTRASONOGRAPHIC FINDINGS

- Nodular hyperplasia splenic pattern- benign hyperplasia, likely emerging round cell neoplasia.
- Age-related renal changes with mineralizations.
- Passive congestion liver pattern with slight pericardial effusion.
- Multifocal thoracic neoplasia involving the lung and heart.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25-gauge FNA of the splenic nodules is recommended with cytology +/- culture. Multicentric sarcoma is suspected, or other neoplastic event. FNA of the accessible abnormal tissue is recommended for further definition. Prognosis is poor.





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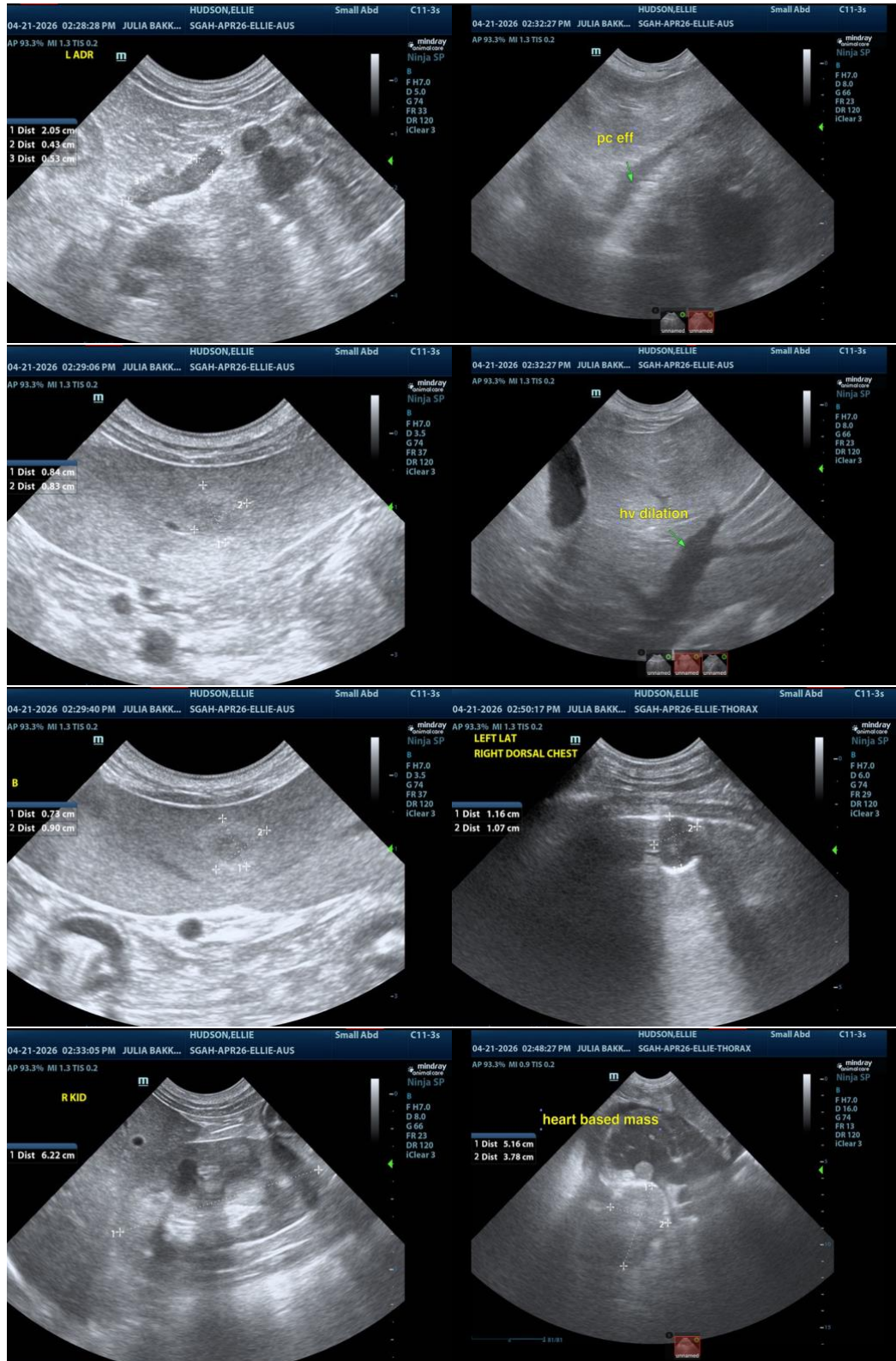
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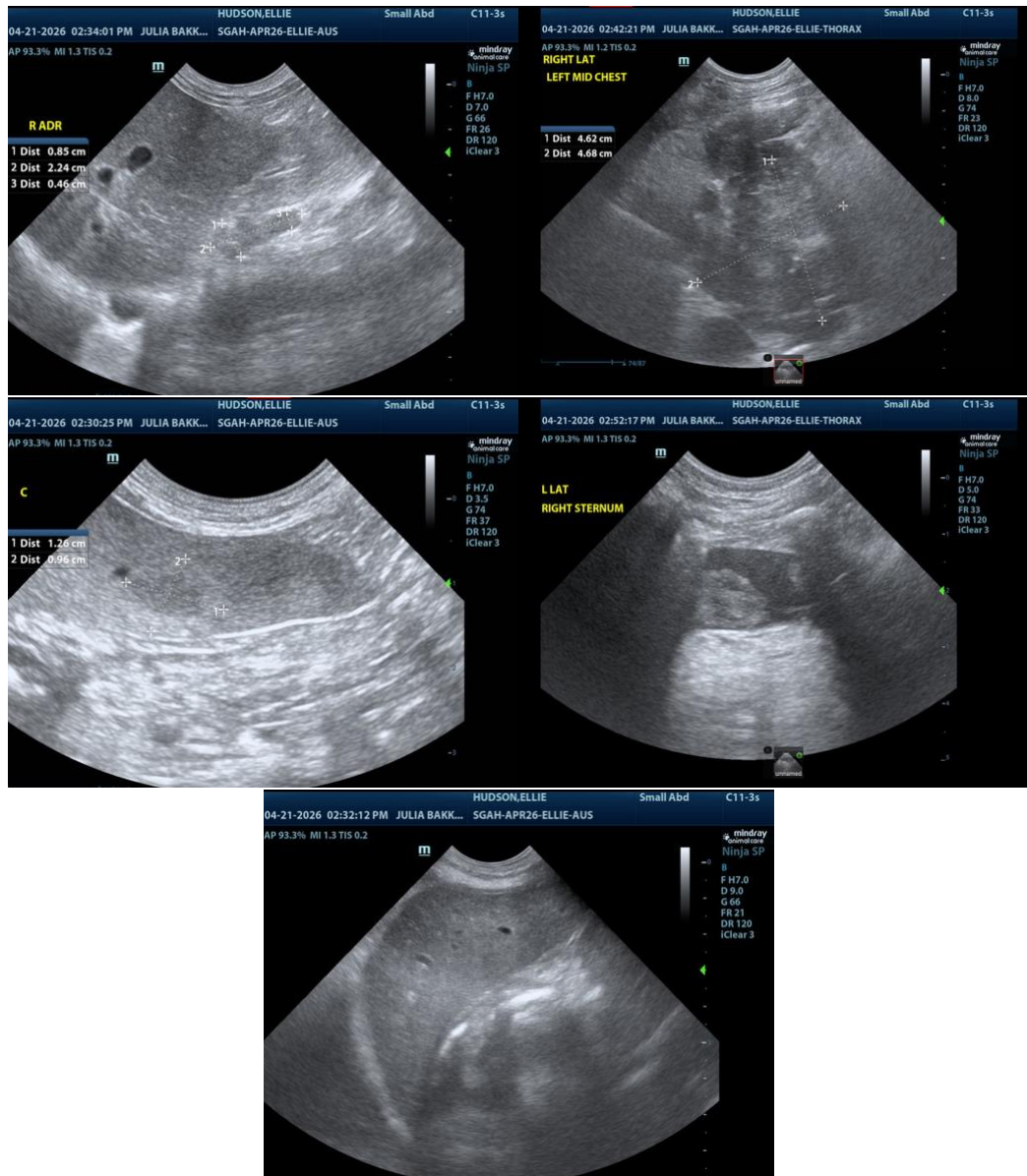
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

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