



PATIENT

Kona Peek

SPECIES

Canine

BREED

Border Collie Mix

SEX

Neutered Male

AGE

12 Years 10 Months

WEIGHT

76.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sarah Green

HOSPITAL NAME

Healing Spirit Animal
Wellness

REFERRING VET

Sarah Green

INVOICE

14770

DATE

4/16/22

PRESENTING CLINICAL SIGNS

History: Presented to reevaluate hepatic and splenic nodules previously visualized on ultrasound performed 2/2/21

Abnormal PE/Chem/CBC/UA Results: CBC, chemistry, T4 WNL

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 and no evidence of pelvic dilation was present. The left kidney measured 7.0 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The **right adrenal gland** was enlarged, measuring 3.0 cm x 2.5 cm. Slight irregular contour was noted at the phrenic vein, may have early invasion.

The **left adrenal gland** was not visualized.

Spleen

The **spleen** revealed a hyperechoic nodule, measuring 3.0 cm, consistent with lipogranuloma. The hyperechoic changes coalesced into an overt mass, measuring 6.0 cm. Other smaller nodular changes were present.

Liver

The **liver** revealed mild heterogeneous parenchymal changes with occasional hyperechoic lipogranulomatous change.

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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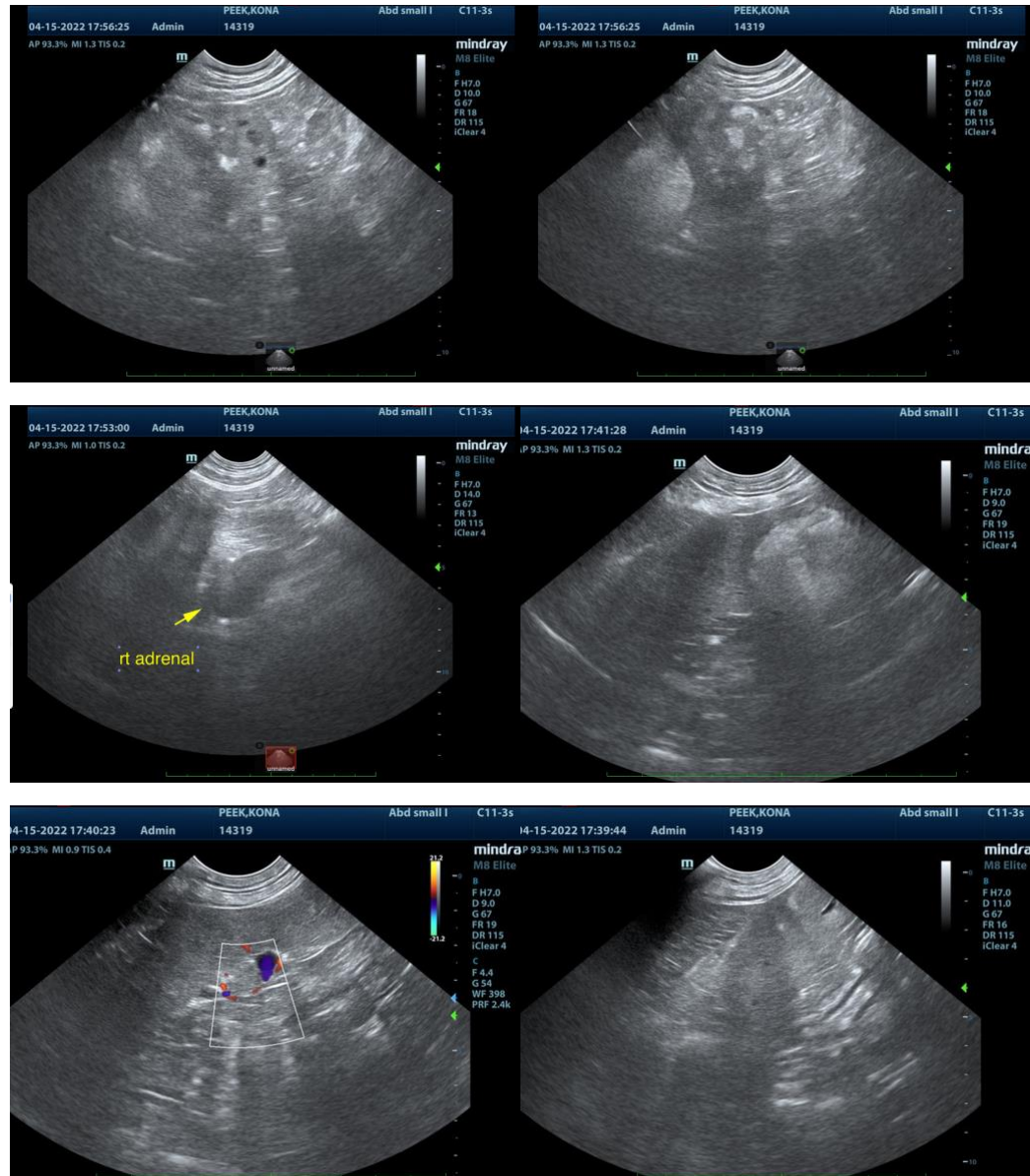
4/16/22

ULTRASONOGRAPHIC FINDINGS

- Splenic lipogranulomatous changes. The hyperechoic changes coalesced into an overt mass, measuring 6.0 cm.
- Liver, heterogeneous parenchymal changes with occasional hyperechoic lipogranulomatous change
- Enlarged right adrenal gland, suspect adenoma or adenocarcinoma
- Age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenectomy, liver inspection and biopsy and right adrenalectomy recommended.





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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