

PATIENT

Phoenix Horton

SPECIES

Canine

BREED

Pitbull

SEX

Neutered Male

AGE

10 Years

WEIGHT

62.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

HOSPITAL NAME

Willakenzie AC

REFERRING VET

Dr. DeWall

INVOICE NUMBER

16862

DATE

8/15/22

PRESENTING CLINICAL SIGNS

History: Presented on 8/8/22 for dragging rear end, chewing on tail, couldn't walk without sitting down, can't get comfortable, very painful, keeping o up at night whining. Chronic allergies, has appointment 8/26 with local dermatologist. PE: moist dermatitis tail base and around anus; rectum is sore/painful, unable to perform rectal exam. Tail base is sore to touch.

Abnormal PE/Chem/CBC/UA Results: Multiple abnormalities noted; sending lab work via email Current Medications Fluconazole, Gabapentin and Clindamycin; had initially sent home with carprofen, but stopped due to azotemia

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 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. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.5 cm. The right kidney measured 6.23 cm.

Adrenal Glands

The **right adrenal gland** was 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 right adrenal gland measured 2.12 cm x 1.04 cm at the cranial pole and 0.45 cm at the caudal pole.

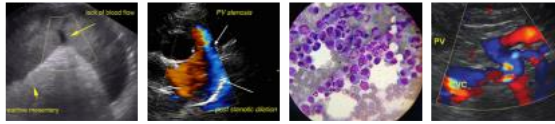
The **left adrenal gland** was mildly enlarged, uniform, measuring 3.4 cm x 0.78 cm at the caudal pole and 1.03 cm at the cranial pole.

Spleen

The **spleen** revealed multifocal hypoechoic nodules, measuring up to 1.0 cm with mildly disruptive architecture.

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. 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



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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.

SPECIES Canine
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.

BREED Pitbull
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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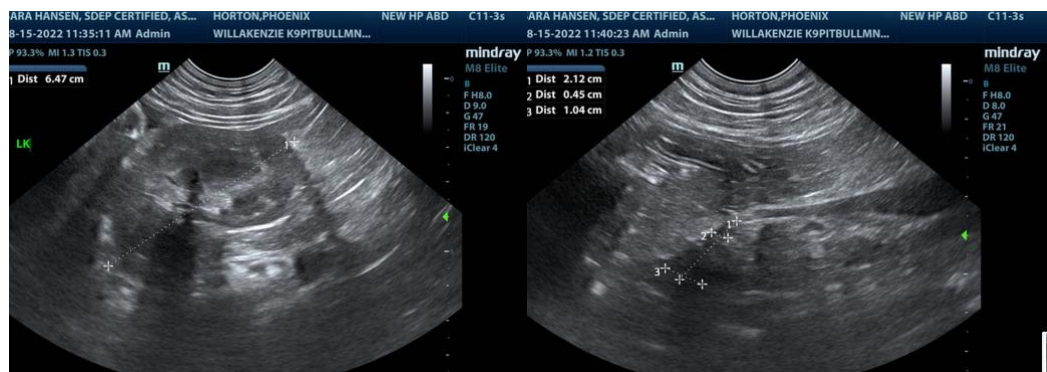
DATE 8/15/22

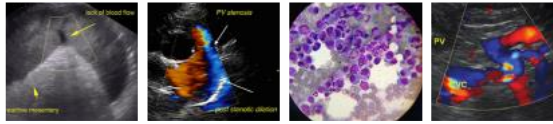
ULTRASONOGRAPHIC FINDINGS

- Undefined splenic nodules, possible round cell neoplasia versus nodular hyperplasia, abscessation is less likely- FNA is strongly encouraged.
- Prominent left adrenal gland- hyperplasia versus early pheochromocytoma or less likely carcinoma
- Age-related hepatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Serial blood pressures are recommended, if hypertension is present, then urine catecholamine is indicated. The left and adrenal and splenic abnormalities may be completely incidental, however, should be investigated. Ultrasound guided FNA of the spleen is warranted, however, full CNS and orthopedic exam is indicated, as the clinical signs may be related to spinal/orthopedic pain and may be the primary issue.





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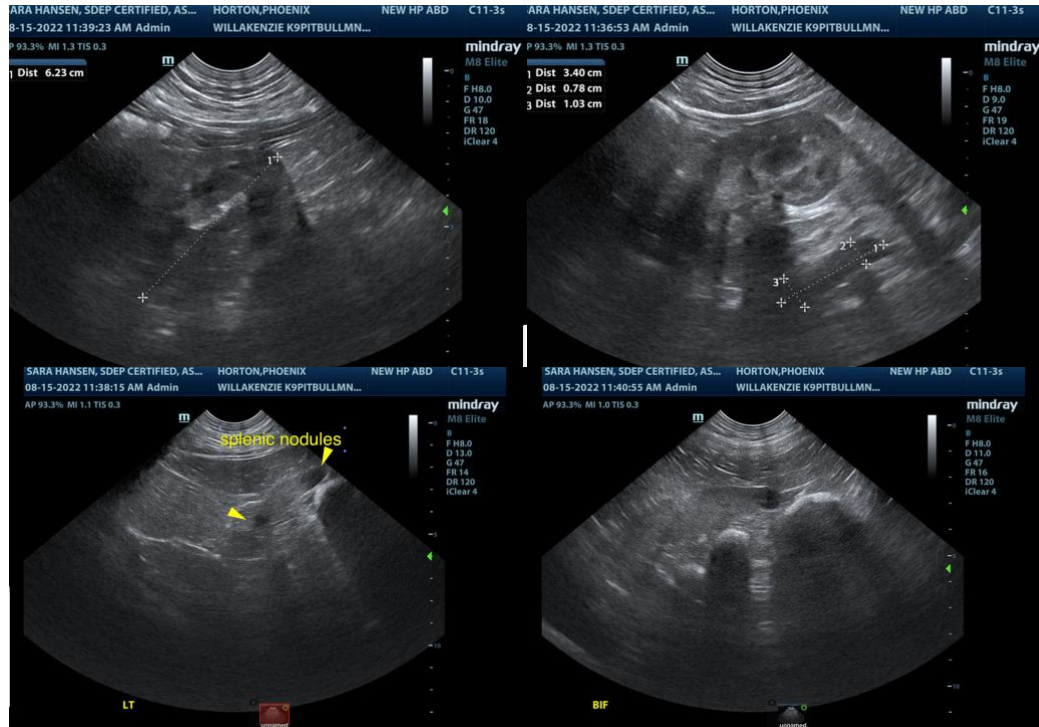
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Eric.Lindquist@SonoPath.com