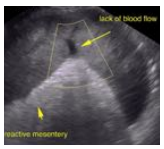
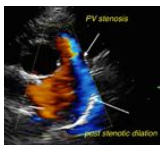
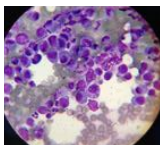
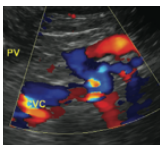
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Daisy Boone

SPECIES

Canine

BREED

English Springer Spaniel

SEX

Spayed female

AGE

9 years

WEIGHT

72.2 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lincoski

HOSPITAL NAME

University Drive VH

REFERRING VET

Dr. Lincoski

INVOICE

45034

DATE

6/28/23

PRESENTING CLINICAL SIGNS

History: Suspected cushingoid patient, inconclusive and had 4/12 values of Univ. of Tennessee abnormal. Patient has classic symptoms-pu/pd, panting, pendulous abdomen. 3 view thorax radiographs appear unremarkable but review is pending.
Abnormal PE/Chem/CBC/UA Results: LDDS: baseline 1.7mg/dL 4hr 0.7mg/dL and 8hr 1.6mg/dL. UT report done following this, results "mild cushings positive dog".

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.5 cm.

Adrenal Glands

The **adrenal gland** was normal in size and contour. The right adrenal measured 1.1 cm at the cranial pole and 0.84 cm at the caudal pole. The left adrenal gland measured 1.7 x 0.77 cm.

Spleen

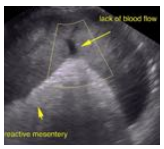
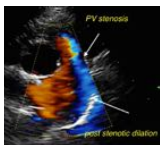
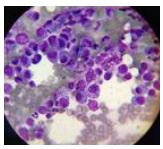
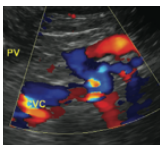
The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or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

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

Gastrointestinal

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT
Daisy Boone

SPECIES
Canine

BREED
English Springer Spaniel

SEX
Spayed female

AGE
9 years

WEIGHT
72.2 lbs

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Dr. Lincoski

HOSPITAL NAME
University Drive VH

REFERRING VET
Dr. Lincoski

INVOICE
45034

DATE
6/28/23

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

A cranial abdominal mass was noted. The echotexture of the mass would suggest hepatic origin, yet direct connection to the liver is not able to be made. Splenic origin is also a potential. The mass appears to superimpose upon the pancreas as well. The mass measured approximately 6.0 cm.

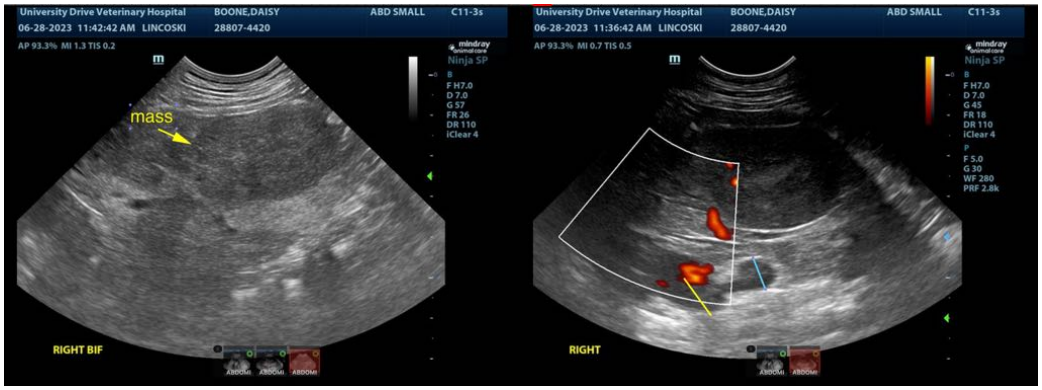
ULTRASONOGRAPHIC FINDINGS

Undefined cranial abdominal mass.

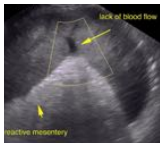
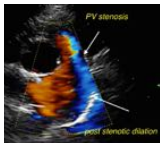
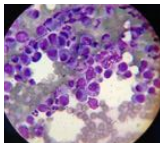
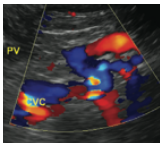
Structurally normal adrenal glands for this breed and age. Possible PDH as a small percentage of PDH patient's can have normal adrenal glands.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA of the cranial abdominal mass is indicated to assess potential origin. CT evaluation is warranted to assess for resectability. If urine specific gravity is less than 1.020 and urine cortisol to creatinine ratio is elevated then this is suggestive for PDH/Cushing's, but no. masses are noted. I am more concerned about the undefined cranial abdominal mass.



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Daisy Boone

SPECIES

Canine

BREED

English Springer Spaniel

SEX

Spayed female

AGE

9 years

WEIGHT

72.2 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lincoski

HOSPITAL NAME

University Drive VH

REFERRING VET

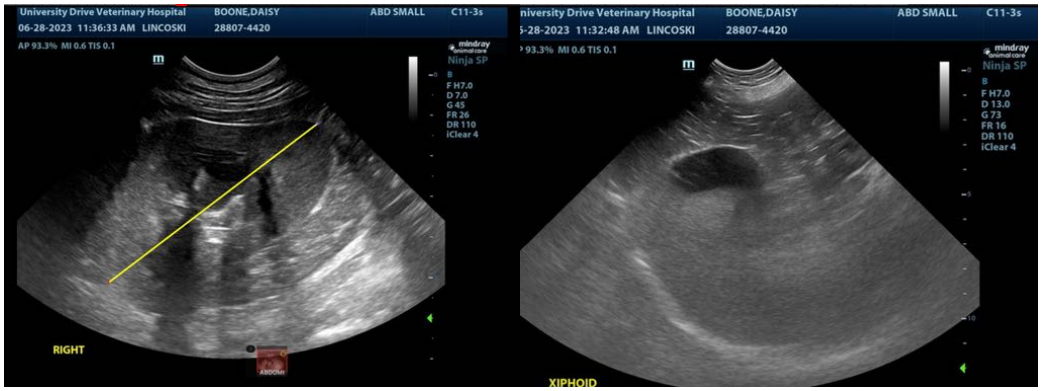
Dr. Lincoski

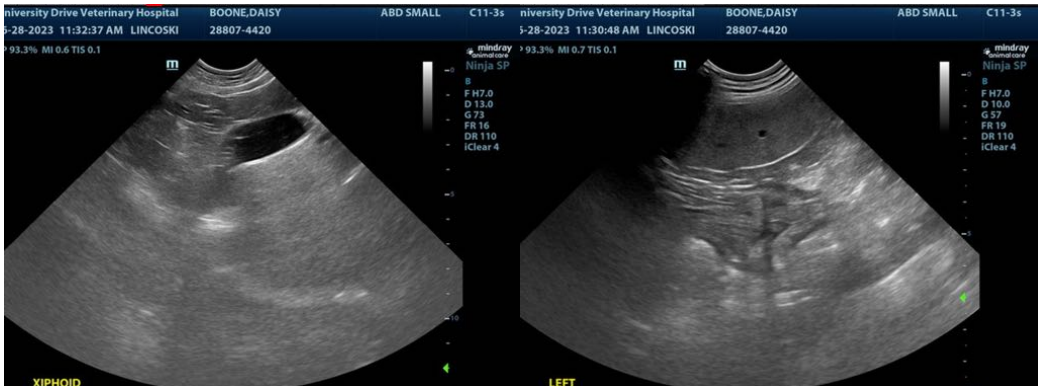
INVOICE

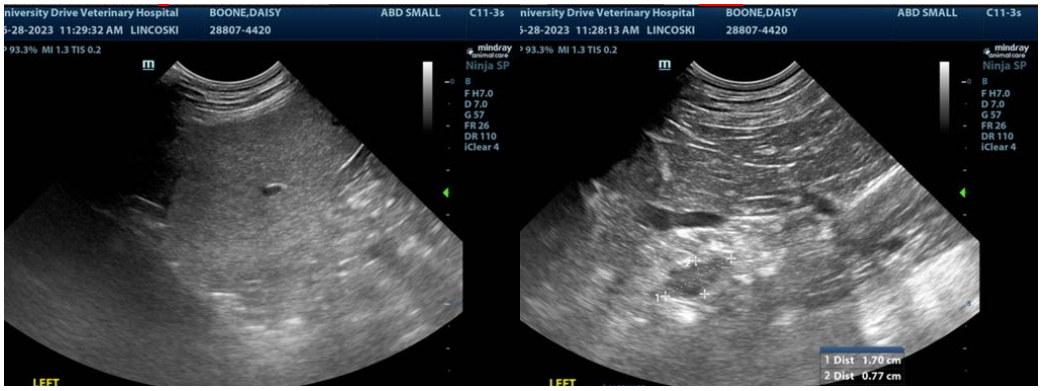
45034

DATE

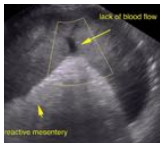
6/28/23

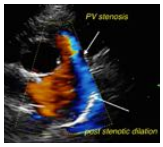


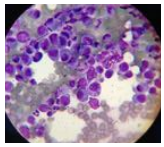
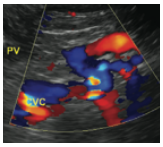




SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™





SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Daisy Boone

SPECIES

Canine

BREED

English Springer Spaniel

SEX

Spayed female

AGE

9 years

WEIGHT

72.2 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lincoski

HOSPITAL NAME

University Drive VH

REFERRING VET

Dr. Lincoski

INVOICE

45034

DATE

6/28/23

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
info@SonoPath.com