



PATIENT PRESENTING CLINICAL SIGNS

Brandy Valentine History: anorexia and weight loss x 1 month, history of atopy and brittle nails
Abnormal PE/Chem/CBC/UA Results: cbc: nl chem: creat is 1.6 , well concentrated urine 1.039, UPC 0.2 TT4 1.7 4dx negative ACTH stim ruled out Addison's

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection.

SEX

Spayed Female

Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

AGE

12 years

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. Corticomedullary mineralization was noted. There was some loss of corticomedullary definition.

WEIGHT

47 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 right adrenal gland measured 0.58 cm at the caudal pole and 1.0 cm at the cranial pole. The left adrenal gland measured 0.61 cm at the caudal pole and 0.44 cm at the cranial pole. The aorta in this patient revealed an occupying thrombus that measured 5.0 cm in length x 0.8 cm in width. This occluded approximately 80% of the aorta from a 2 dimensional perspective.

IMAGING PERFORMED BY

Brita Kiffney

HOSPITAL NAME

Northshore VH

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.

REFERRING VET

Dr. Kiffney

INVOICE

31215

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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,

DATE

6/23/22



PATIENT

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.

Brandy Valentine

SPECIES

Gastrointestinal

Canine

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

Mix

SEX

Pancreas

Spayed Female

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.

AGE

12 years

ULTRASONOGRAPHIC FINDINGS

Aortic thrombus.

WEIGHT

47 lbs

Mild to moderate degenerative renal changes with mineralization.

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The cause of hypercoagulable state should be investigated. Anti-thrombotic therapy is indicated such as Plavix or surgical intervention. Infectious agents, occult neoplasia, underlying metabolic disease are all potential issues. The remainder of the abdominal organs appeared unremarkable. Follow-up sonogram is recommended in 2-3 weeks to assess thrombus status. Monitoring of femoral pulse quality is recommended.

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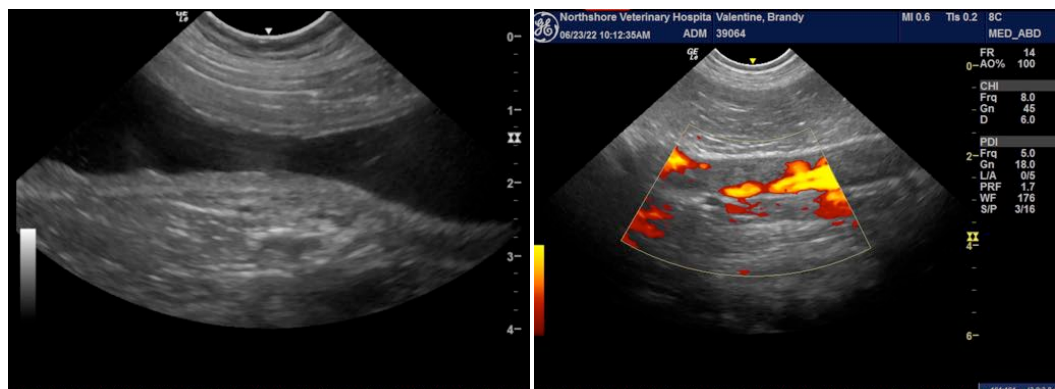
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SPECIES

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Spayed Female

AGE

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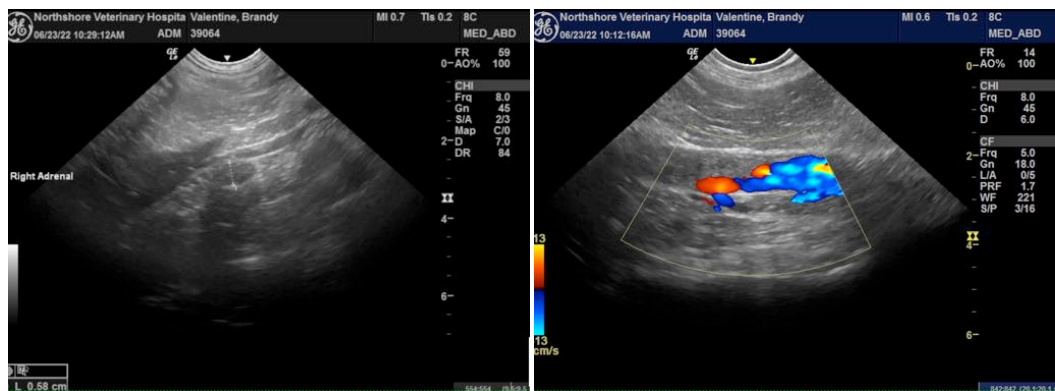
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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