



PATIENT **PRESENTING CLINICAL SIGNS**

Midnight Everhart

History: History: patient presented for progressive worsening of the ability to walk. has not been able to get up on the back legs for the last 3 months. clinical signs started after having a litter of puppies 6 months ago. now has lost 15 pounds and is a BCS of 1/9. she is not able to walk at all, she has complete loss and near fusion of her hocks bilaterally and her carpi have no flexion ability. she cannot extend her stifles either. all joints feel thickened and have a lot of crepitus and effusion present. we are wanting to determine the underlying cause for her weight loss and clinical signs. we are also taking rads of a carpus, hock, and doing joint taps. bloodwork is unremarkable

SPECIES

Canine

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Female

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.

AGE

5 years

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 7.64 cm. The right kidney measured 7.48 cm.

WEIGHT

22 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 2.69 x 0.5 cm at the cranial pole and 0.43 cm at the caudal pole. The right adrenal gland measured 0.85 cm at the cranial pole and 0.7 cm at the caudal pole.

IMAGING PERFORMED BY

Megan Spatz

HOSPITAL NAME

Boren Veterinary
Medical Teaching
Hospital

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

REFERRING VET

Dr. Dugat

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

INVOICE

47985

DATE

6/22/23



PATIENT

Midnight Everhart

SPECIES

Canine

BREED

Labrador Retriever

SEX

Female

AGE

5 years

WEIGHT

22 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Megan Spatz

HOSPITAL NAME

Boren Veterinary
Medical Teaching
Hospital

REFERRING VET

Dr. Dugat

INVOICE

47985

DATE

6/22/23

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.

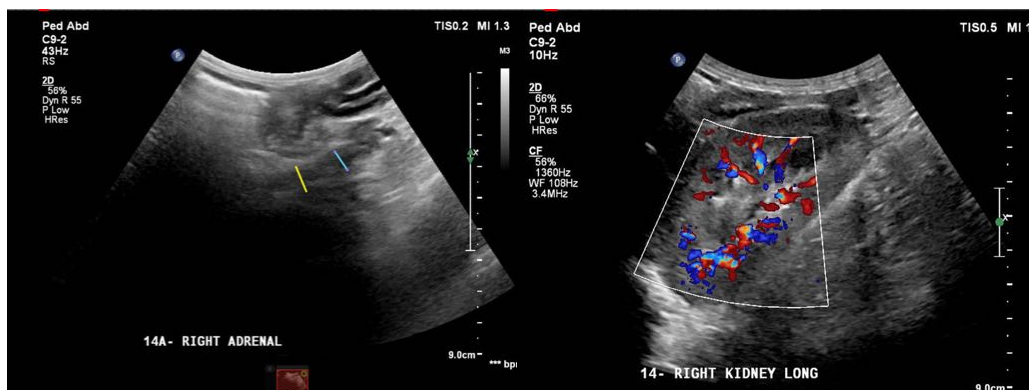
ULTRASONOGRAPHIC FINDINGS

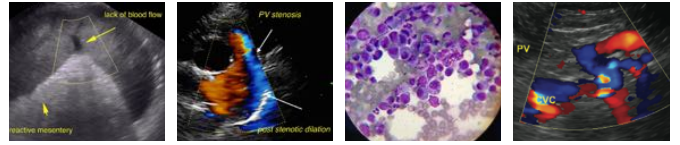
Structurally unremarkable abdomen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of pathology that would explain the clinical history. There was no evidence of reproductive pathology. Screening for Addison's is warranted. Chest radiographs +/- CNS/spinal/orthopedic CT given the patient's history.

Malnutrition panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered.





PATIENT

Midnight Everhart

SPECIES

Canine

BREED

Labrador Retriever

SEX

Female

AGE

5 years

WEIGHT

22 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Megan Spatz

HOSPITAL NAME

Boren Veterinary
Medical Teaching
Hospital

REFERRING VET

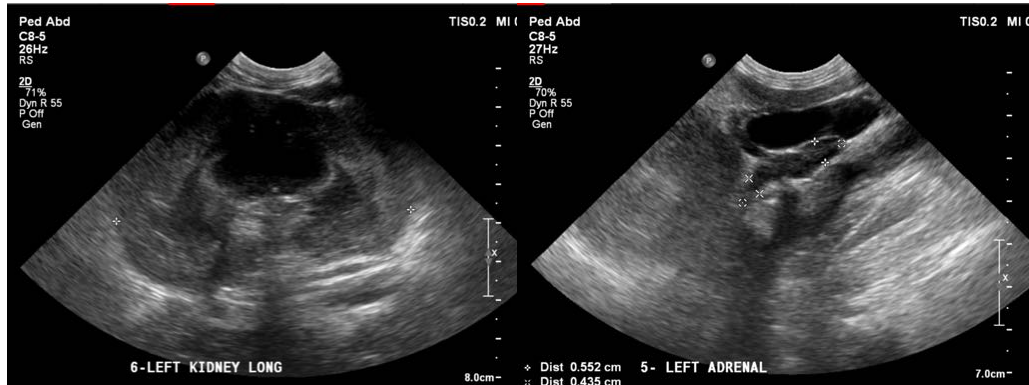
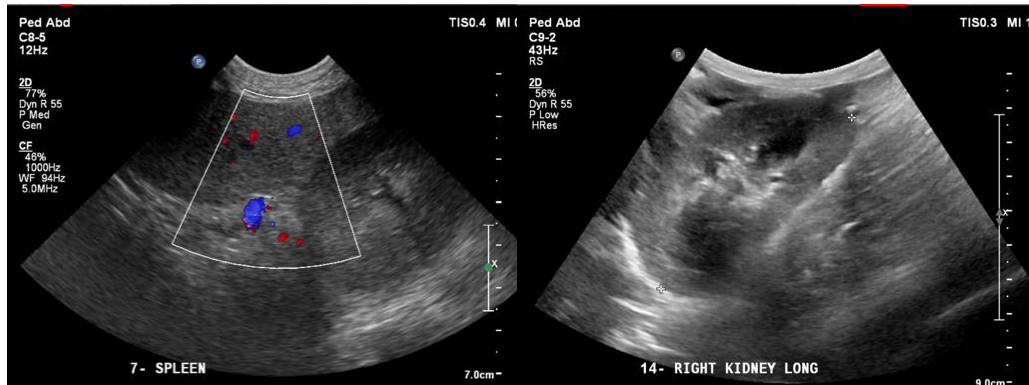
Dr. Dugat

INVOICE

47985

DATE

6/22/23





PATIENT

Midnight Everhart

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.

SPECIES

Canine

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.

BREED

Labrador Retriever

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Female

AGE

5 years

WEIGHT

22 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Megan Spatz

HOSPITAL NAME

Boren Veterinary
Medical Teaching
Hospital

REFERRING VET

Dr. Dugat

INVOICE

47985

DATE

6/22/23