



PATIENT PRESENTING CLINICAL SIGNS

Chloe Horn History: Weight loss, straining to urinate. Firm mass in inguinal region-cytology inconclusive for LN vs fibrosing lipoma vs other neoplasia. R/O Internal neoplasia vs other. Current meds: Gabapentin 300mg at night.

SPECIES Abnormal PE/Chem/CBC/UA Results: U/A: Trace blood, USG 1.045

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Labrador Retriever

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.

SEX

Spayed Female

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. The right kidney measured 6.07 cm. The left kidney measured 6.86 cm.

WEIGHT

51.2 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 2.63 x 1.03 cm at the cranial pole and 0.89 cm at the caudal pole. The left adrenal gland measured 2.62 x 0.87 cm at the cranial pole and 0.82 cm at the caudal pole.

IMAGING PERFORMED BY

Shari Reffi, CVT

Spleen

HOSPITAL NAME

Budd Lake AH

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. Horn

INVOICE

97754

Liver

DATE

3/23/22

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,



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.

Chloe Horn

SPECIES

Gastrointestinal

Canine

There was retention of ingesta and shadowing material was noted in the **stomach** and measured up to 2.5 cm. The small intestines and colon were unremarkable.

BREED

Labrador Retriever

Pancreas

SEX

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

Free Abdomen

The iliac lymph nodes presented normal length to width ratio with slight, swollen contour. The lymph nodes measured 2.5 x 1.6 cm. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. Other smaller lymph nodes were also enlarged with focal areas of mineralization.

WEIGHT

51.2 lbs

Heart

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Rapid view of the heart revealed no evidence of pathology.

IMAGING PERFORMED BY

Shari Reffi, CVT

ULTRASONOGRAPHIC FINDINGS

Aggressive iliac lymphadenopathy, likely metastatic.

HOSPITAL NAME

Budd Lake AH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The inguinal mass was significantly disruptive in architecture with hyperechoic areas of fibrosis and likely mineralization. Connective tissue tumor is suspected with metastatic disease to the iliacs. FNA could be considered for further definition. CT evaluation would be ideal to assess the extent of the lesion as the margins were ill-defined.

REFERRING VET

Dr. Horn

ABOUT SONOPATH CT SERVICES:

INVOICE

97754

SonoPath CT Services are offered at the [Blairstown Animal Hospital](#), Blairstown, New Jersey. More information can be found at

<https://sonopath.com/resources/sonopaths-teleconsultation-services-and-sdep-certification/sonopath-ct-services>

DATE

3/23/22



PATIENT

Chloe Horn

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

12 years

WEIGHT

51.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Budd Lake AH

REFERRING VET

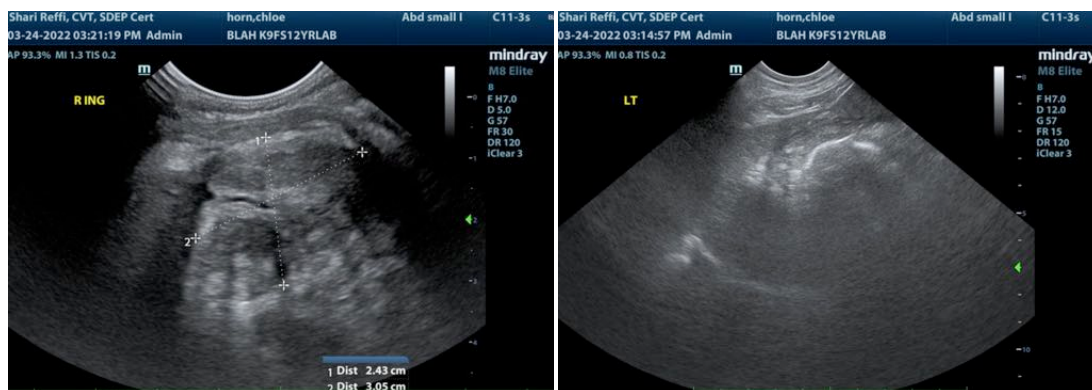
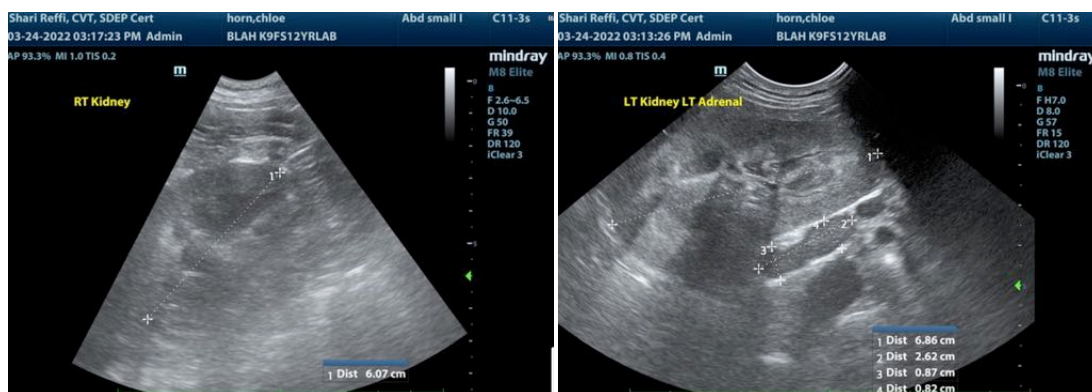
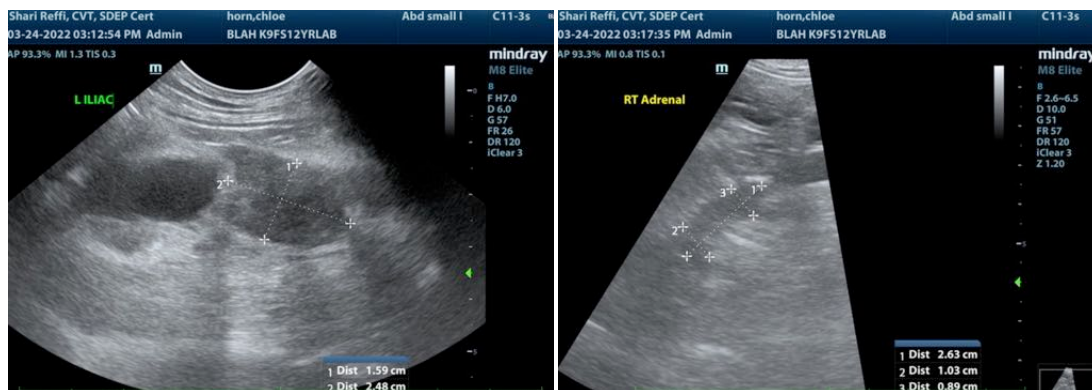
Dr. Horn

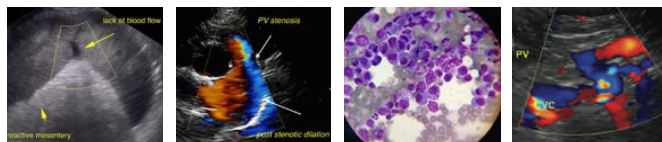
INVOICE

97754

DATE

3/23/22





PATIENT

Chloe Horn

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

Spayed Female

AGE

12 years

WEIGHT

51.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

Budd Lake AH

REFERRING VET

Dr. Horn

INVOICE

97754

DATE

3/23/22