



PATIENT

Charlotte Salyer

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

10 years

WEIGHT

8.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Desen Ertunc, DVM

HOSPITAL NAME

Humboldt Veterinary
Medical Group

REFERRING VET

Dr. Renner

INVOICE

77810

DATE

5/20/26

PRESENTING CLINICAL SIGNS

History: PU/PD x 2 months (reported 4/9/26.)

Current medication: Heartgard

Abnormal PE/Chem/CBC/UA Results: Abnormal PE: Missing majority of teeth. Dermal mass on muzzle. *Abnormal CBC/Chem/UA/rads (& date obtained): Senior Wellness panel (3/26/26): WBC 5200 (5800-16200), Eos 42 (141-1927), Na 139 (142-152), Cl 94 (108-119), TP 7.8 (5.5-7.5), Amy 233 (337-1469); urine sg 1.011

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 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 4.1 cm. The right kidney measured 3.6 cm.

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 0.57 cm. The right adrenal gland measured 0.77 cm at the cranial pole and 0.5 cm at the caudal pole.

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** 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



PATIENT

Charlotte Salyer

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

10 years

WEIGHT

8.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Desen Ertunc, DVM

HOSPITAL NAME

Humboldt Veterinary
Medical Group

REFERRING VET

Dr. Renner

INVOICE

77810

DATE

5/20/26

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 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.

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.

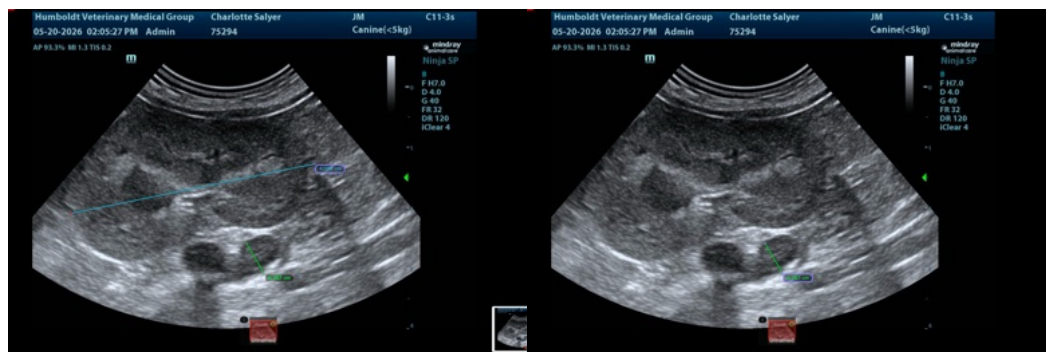
ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

Age related abdominal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The adrenal glands are measurably normal, however, I cannot rule out emerging PDH as 15% of PDH patients have measurably normal adrenal glands. There was no evidence of gross pathology.





PATIENT

Charlotte Salyer

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

10 years

WEIGHT

8.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Desen Ertunc, DVM

HOSPITAL NAME

Humboldt Veterinary
Medical Group

REFERRING VET

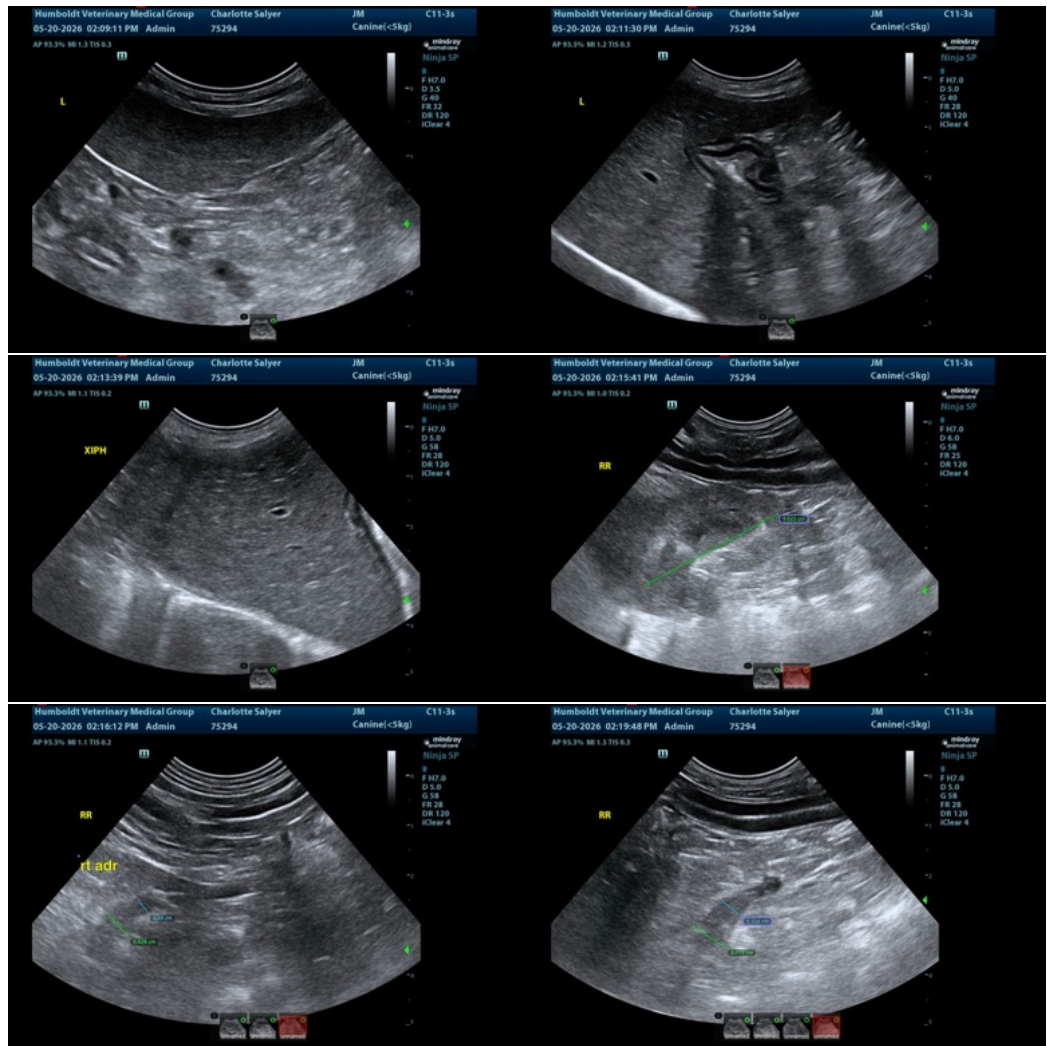
Dr. Renner

INVOICE

77810

DATE

5/20/26



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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com