



PATIENT

Roxy Lil Sweetie
Davenport

SPECIES

Canine

BREED

Miniature Schnauzer
Mix

SEX

Spayed Female

AGE

13 years

WEIGHT

23.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Jenna Walsh, CVT

HOSPITAL NAME

Sutherlin VH

REFERRING VET

Dr. Herrera

DATE

8/17/21

Invoice

PRESENTING CLINICAL SIGNS

History: Clinical Exam Findings: - History of PU/PD, inappropriate urination, urinating in the house - periodic lameness, DJD left stifle - overweight Current Medications Vetoryl 30 mg am, 10 mg pm. Gabapentin 50 mg BID
Abnormal PE/Chem/CBC/UA Results: see attached from Michigan State. Minimal improvement on ACTH stim with Trilostane. Pre and post still elevated pre 301 (15-1100 POST 527 (220-550) these have increased since starting Trilostane. Initial baseline 158, post 657.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.67 cm. The right kidney measured 5.0 cm.

Adrenal Glands

Both **adrenal glands** were enlarged and slightly irregular. This is most consistent with PDH. The right adrenal gland was mildly enlarged and slightly irregular measuring 2.89 x 1.04 cm at the cranial pole and 0.81 cm at the caudal pole. The left adrenal gland was uniformly enlarged and measured 2.41 x 1.11 cm at the caudal pole and 0.6 cm at the cranial pole. Slight, irregular capsular contour was noted to the left adrenal gland.

Spleen

The **spleen** revealed multi-focal, hyperechoic, lipogranulomatous changes with mild, generalized enlargement. This is likely reactive state. Slight, heterogenous parenchyma 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 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

Roxy Lil Sweetie
Davenport

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.

SPECIES

Canine

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.

BREED

Miniature Schnauzer
Mix

SEX

Spayed Female

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.

AGE

13 years

ULTRASONOGRAPHIC FINDINGS

Bilateral adrenal hypertrophy, strongly consistent with pituitary dependent hyperadrenocorticism.

WEIGHT

23.6 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

If the urine specific gravity is persistently less than 1.020 with the ACTH stimulation results then I recommend adjustment of the Trilostane dose. Blood pressure measurements are recommended. There is a mild potential that either adrenal gland could represent concurrent adrenal carcinoma given the irregular contour; however, this is most likely pituitary dependent hyperadrenocorticism with adrenal alteration owing to Trilostane therapy.

IMAGING PERFORMED BY

Jenna Walsh, CVT

For an additional charge an internal medicine consult can be utilized through [Sonopath.com](http://sonopath.com). You can select the internal medicine drop down at <http://spa.sonopath.com/>.

HOSPITAL NAME

Sutherlin VH

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

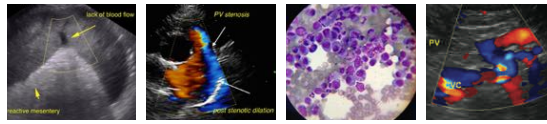
REFERRING VET

Dr. Herrera

DATE

8/17/21

Invoice



PATIENT

Roxy Lil Sweetie
Davenport

SPECIES

Canine

BREED

Miniature Schnauzer
Mix

SEX

Spayed Female

AGE

13 years

WEIGHT

23.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Sutherlin VH

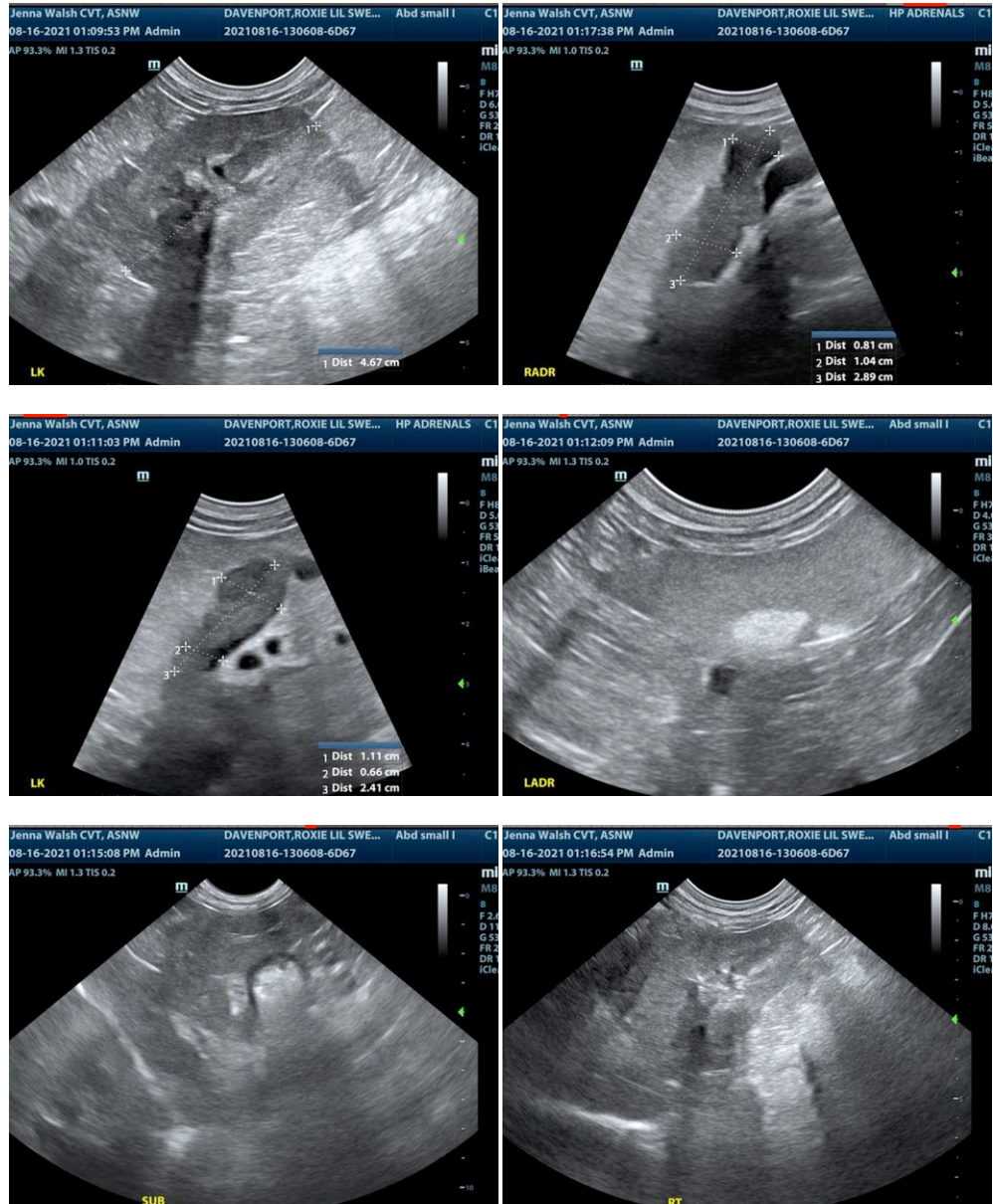
REFERRING VET

Dr. Herrera

DATE

8/17/21

Invoice



The information and recommendations provided are based on the images presented by the referring veterinarian. 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



PATIENT

Eric.Lindquist@SonoPath.com

Roxy Lil Sweetie
Davenport

SPECIES

Canine

BREED

Miniature Schnauzer
Mix

SEX

Spayed Female

AGE

13 years

WEIGHT

23.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Jenna Walsh, CVT

HOSPITAL NAME

Sutherlin VH

REFERRING VET

Dr. Herrera

DATE

8/17/21

Invoice