



PATIENT

Widget Schloss

PRESENTING CLINICAL SIGNS

History: increased thirst, hx of diabetes, anorexia

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Poodle Mix

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

Female

The **kidneys** were normal in size and contour; however, a minor hyperechoic ring was noted at the corticomedullary junction. This is consistent with diabetic nephropathy. This is likely from glucosuria. However, assessment for proteinuria is also warranted. This is an idiopathic finding, but an expected finding in diabetic patients. Slight mineralization was noted in both kidneys. The right kidney measured 4.32 cm.

AGE

9 years

Adrenal Glands

WEIGHT

16.7 lbs

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The right adrenal gland measured 2.33 x 0.76 cm at the cranial pole and 0.42 cm at the caudal pole. The left adrenal gland measured 1.58 x 0.55 cm at the caudal pole and 0.62 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Jenn

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.

HOSPITAL NAME

Rockaway

Liver

REFERRING VET

Dr. Maniar

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

INVOICE

42236

Gastrointestinal

DATE

1/19/23

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



PATIENT	demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.
Widget Schloss	
SPECIES	<i>Pancreas</i>
Canine	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.
BREED	
Poodle Mix	
SEX	Diabetic hepatopathy.
Female	Diabetic nephropathy.
	Otherwise, unremarkable abdomen.
AGE	
9 years	
WEIGHT	
16.7 lbs	
INTERPRETED BY	<u>ULTRASONOGRAPHIC FINDINGS</u>
Eric Lindquist, DMV DABVP, Cert. IVUSS	Diabetic hepatopathy.
	Diabetic nephropathy.
	Otherwise, unremarkable abdomen.
IMAGING PERFORMED BY	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
Jenn	There was no evidence of predisposing issues.
HOSPITAL NAME	Potential Causes of Diabetic Dysregulation
Rockaway	This is a suggestive checkoff list when faced with an unregulated diabetic patient:
REFERRING VET	UTI
Dr. Maniar	Dietary indiscretion/intolerance
	Pancreatitis
	Hyperthyroidism/hypothyroidism
	Exogenous steroids (including topical eye meds)
INVOICE	Cushing's
42236	Acromegaly
	Owner compliance
	Insulin quality issues
	Antibodies to insulin
DATE	Underlying Neoplasia
1/19/23	Diffuse liver disease



PATIENT

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SPECIES

Canine

BREED

Poodle Mix

SEX

Female

AGE

9 years

WEIGHT

16.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway

REFERRING VET

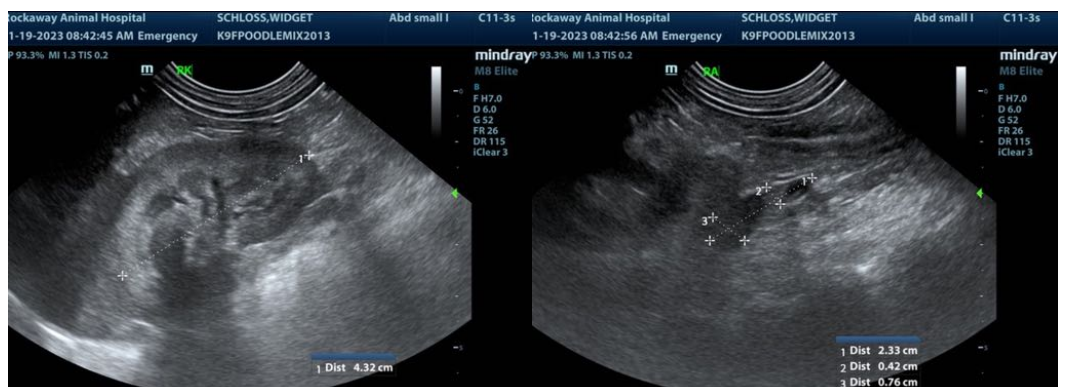
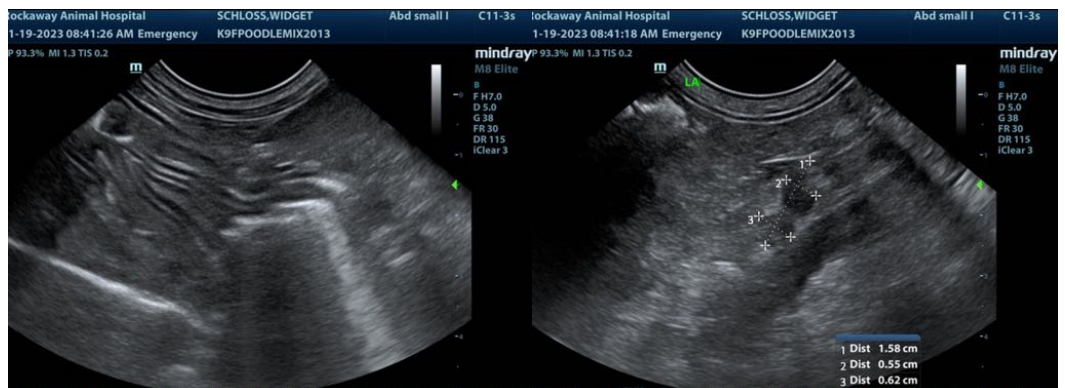
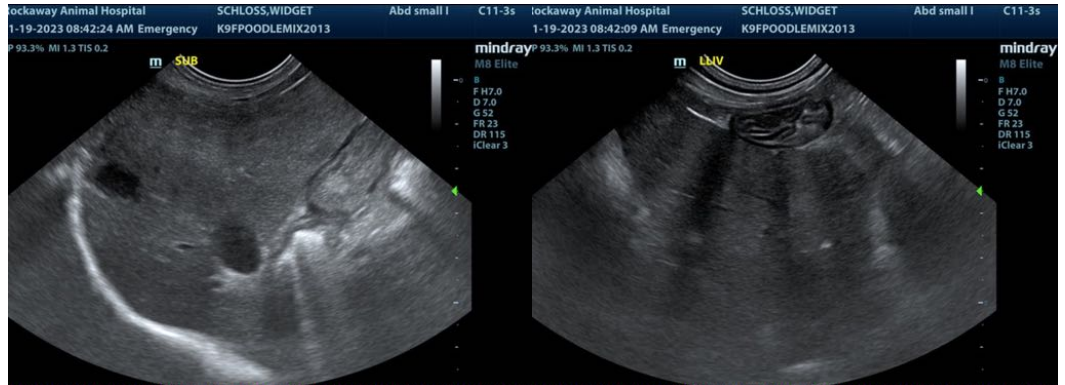
Dr. Maniar

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DATE

1/19/23





PATIENT

Widget Schloss

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

Poodle Mix

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

SEX

Female

AGE

9 years

WEIGHT

16.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Jenn

HOSPITAL NAME

Rockaway

REFERRING VET

Dr. Maniar

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