



PATIENT	PRESENTING CLINICAL SIGNS
Chompers Blanchard	elevated liver values; had LDDS done one month prior - negative (at previous vet); abdominal distension, panting
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.
Yorkshire Terrier	
SEX	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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.31 cm. The right kidney measured 4.44 cm.
Spayed Female	
AGE	Adrenal Glands
14 Years	The adrenal glands appeared slightly enlarged and swollen. No evidence of focal capsular expansion or invasion into the phrenic veins were noted. No overt suspicion of neoplasia was noted. This is considered likely a hyperplastic change associated with stress or adrenal endocrinopathy (PDH). If isosthenuria is persistently present and the patient morphologically suggests Cushing's disease then ACTH testing would be indicated. The left adrenal gland measured 2.11 cm x 0.65 cm at the caudal pole and 0.53 cm at the cranial pole. The right adrenal gland measured 1.94 cm x 0.82 cm at the cranial pole and 0.46 cm at the caudal pole.
WEIGHT	Spleen
15 Pounds	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 were noted.
INTERPRETED BY	Liver
Eric Lindquist, DMV DABVP, Cert. IVUSS	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.
IMAGING PERFORMED BY	Gastrointestinal
Diane McFadden	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.
HOSPITAL NAME	
Rockaway AH	
REFERRING VET	
Dr. Maniar	
INVOICE	
25313	
DATE	
9/10/21	



PATIENT

Pancreas

Chompers Blanchard

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Slightly swollen adrenal glands, upper limits of normal measurements – potential emerging PDH

BREED

Yorkshire Terrier

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend ensuring all criteria according to the following algorithm is present prior to any treatment for Cushing's. Otherwise, the abdomen appeared benign with expected changes for this age patient.

SEX

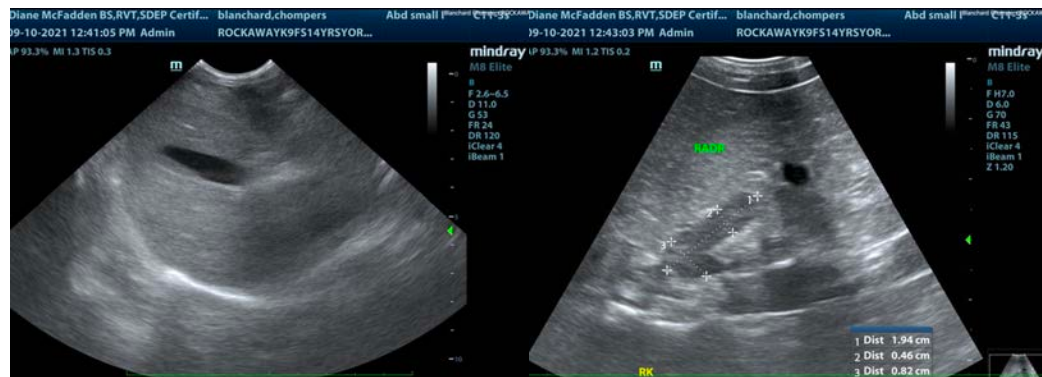
Spayed Female

AGE

14 Years

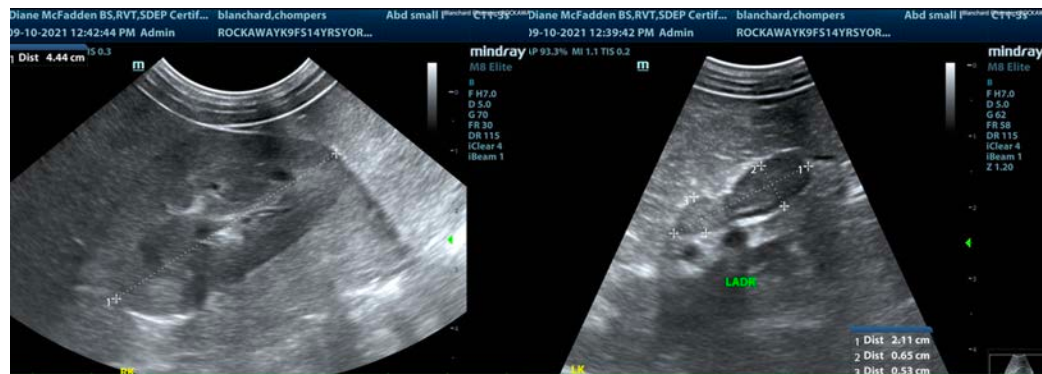
WEIGHT

15 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar



INVOICE

25313

DATE

9/10/21



PATIENT

Chompers Blanchard

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.

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

Yorkshire Terrier

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

info@SonoPath.com

SEX

Spayed Female

AGE

14 Years

WEIGHT

15 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Diane McFadden

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

25313

DATE

9/10/21