



PATIENT	PRESENTING CLINICAL SIGNS
Marilyn Monroe Black	None, apparently healthy Abnormal PE/Chem/CBC/UA Results: History heart murmur, on pimobendan
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 1.0 cm beyond the cystourethral junction.
Maltese	
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. Multifocal cortical cysts noted. Degenerative changes were mild to moderate. The left kidney measured 3.0 cm. The right kidney measured 3.3 cm. Subjectively the kidneys appeared approximately 50% compromised. Renal values should be monitored carefully in this patient.
Spayed Female	
AGE	Adrenal Glands
13 Years 7 Months	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 left adrenal gland measured 0.60 cm. The right adrenal gland measured 0.60 cm.
WEIGHT	Spleen
7.2 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	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 was mildly overdistended with mild striating bile, consistent with emerging mucocele.
DABVP, Cert. IVUSS	Gastrointestinal
IMAGING PERFORMED BY	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.
Dr. Ashley Whitesell	
HOSPITAL NAME	
Dickson Animal Clinic	
REFERRING VET	
Dr. Ashley Whitesell	
INVOICE	
42974	
DATE	
11/23/22	



PATIENT

Marilyn Monroe Black

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

13 Years 7 Months

WEIGHT

7.2 Pounds

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Pancreas

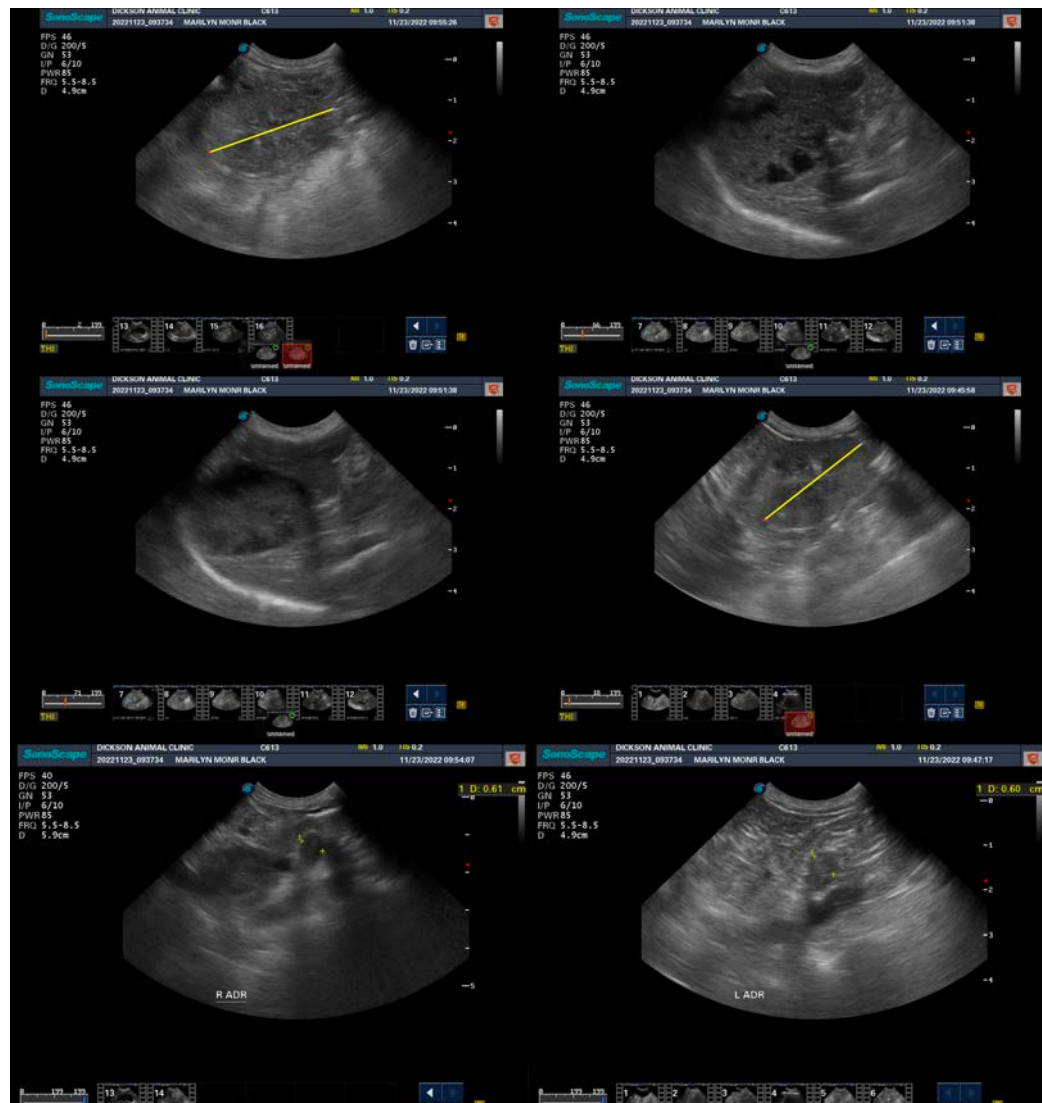
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Moderate degenerative renal changes
- Emerging gallbladder mucocele

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ursodiol therapy recommended as a preventative. Reassessment of diet recommended to ensure geriatric diet is being utilized, and urinary values are quiescent and well concentrated. Blood pressure measurements also warranted if not already performed.





PATIENT

Marilyn Monroe Black

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.

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

info@SonoPath.com

BREED

Maltese

SEX

Spayed Female

AGE

13 Years 7 Months

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