



PATIENT

Gracie Barreiro

PRESENTING CLINICAL SIGNS

History: Not eating well. History of dental disease. Minor increase in BUN/Creat and Alk-phos. Albumin low?
Abnormal PE/Chem/CBC/UA Results: BUN= 33, Alk-phos= 199, Creat= 2.0. Albumin= 2.3.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Coton de Tolear

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

Spayed female

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 4.2 cm. The right kidney was visualized obliquely and measured 5.0 cm.

AGE

15 years

WEIGHT

8 lbs

Adrenal Glands

The left **adrenal gland** was 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 0.77 x 0.3 cm at the cranial pole and 0.26 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

There were some areas of normal **spleen** present.

IMAGING PERFORMED BY

Dr. Christensen

Liver

HOSPITAL NAME

Tranquility VC

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Dr. Christensen

INVOICE

42774

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.

DATE

11/29/22



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Pancreas

SPECIES

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

Coton de Tolear

Free Abdomen

A mixed, hypoechoic, undifferentiated 7.0 cm mass was noted. Localized free fluid was noted around the mass. The mass appeared to be in the left cranial abdomen and impinged upon or deriving from the liver. However, I suspect splenic origin. Free fluid was present.

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

AGE

15 years

Undifferentiated mass in the cranial abdomen, exact origin is unclear. I suspect splenic origin, possible hepatic or right adrenal origin.

Free fluid.

WEIGHT

8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Abdominal CT for surgical planning and chest CT for metastatic assessment is indicated. Otherwise, chest radiographs and direct exploratory surgery is indicated. FNA could be considered for further definition.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

ABOUT SONOPATH CT SERVICES:

IMAGING PERFORMED BY

Dr. Christensen

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/services/sonopath-ct-services>

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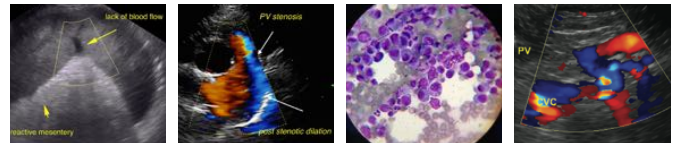
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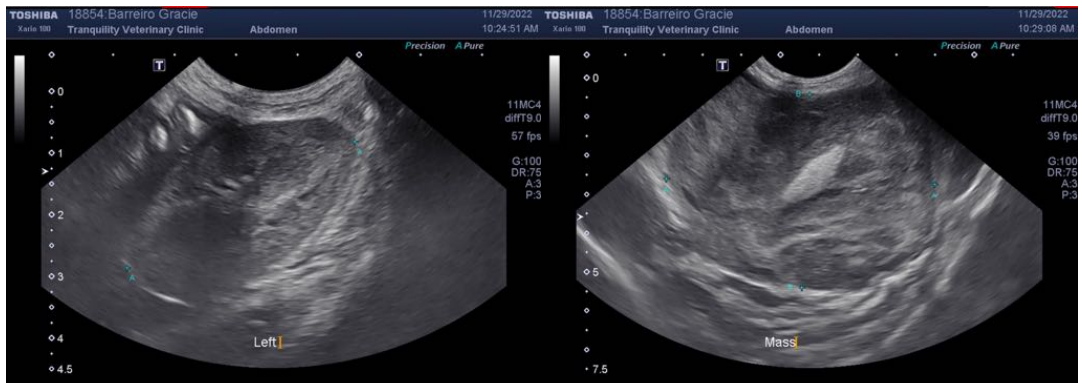
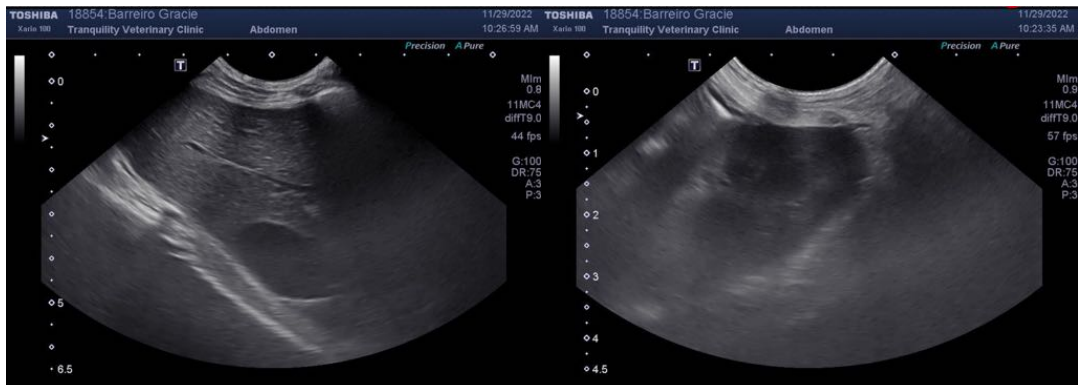
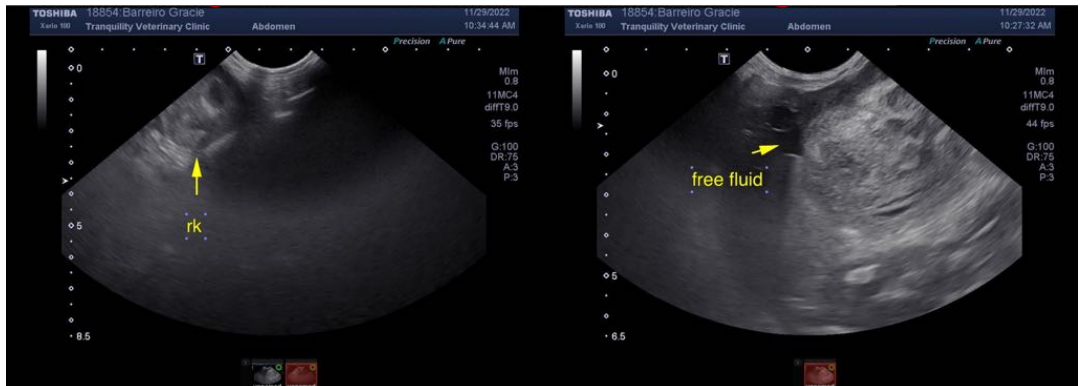
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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