



PATIENT

Julio Marafi

SPECIES

Canine

BREED

Chi X

SEX

Neutered Male

AGE

16 Years

WEIGHT

21.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

26625

DATE

10/25/21

PRESENTING CLINICAL SIGNS

PU/PD restless previous u/s 5/24/21 showed gastroma adrenal hypertrophy benign hepatopathy monitoring for changes

Abnormal PE/Chem/CBC/UA Results: decreased Lymph increased CA increased ALP increased CHol LDDS neg for Cushings

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection.

Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mineralization noted in both kidneys. The right kidney measured 4.26 cm.

Adrenal Glands

Both **adrenal glands** appeared structurally normal. Subjective hypertrophy may be owing to prior metabolic stress. The right adrenal gland measured 1.38 cm x 0.92 cm at the cranial pole and 0.63 cm at the caudal pole. The left adrenal gland measured 2.01 cm x 0.57 cm at the caudal pole and 0.63 cm at the cranial pole.

Spleen

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.

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, 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. No evidence of metastatic disease.

Gastrointestinal

The **stomach** revealed a persistent mural mass in the gastric fundus measuring 2.6 cm x 4.6 cm. The mass was mineralizing, concentric, and appears to be invading into the gastroesophageal inlet. This is progressive from the prior sonogram. The small intestine and colon were unremarkable.



PATIENT

Pancreas

Julio Marafi

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

- Progressive gastric mass
- Geriatric abdominal changes otherwise

BREED

Chi X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Endoscopy would be ideal for further definition. Ultrasound guided FNA could be considered. However, it may be difficult to obtain an adequate sample.

SEX

Neutered Male

AGE

16 Years

WEIGHT

21.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

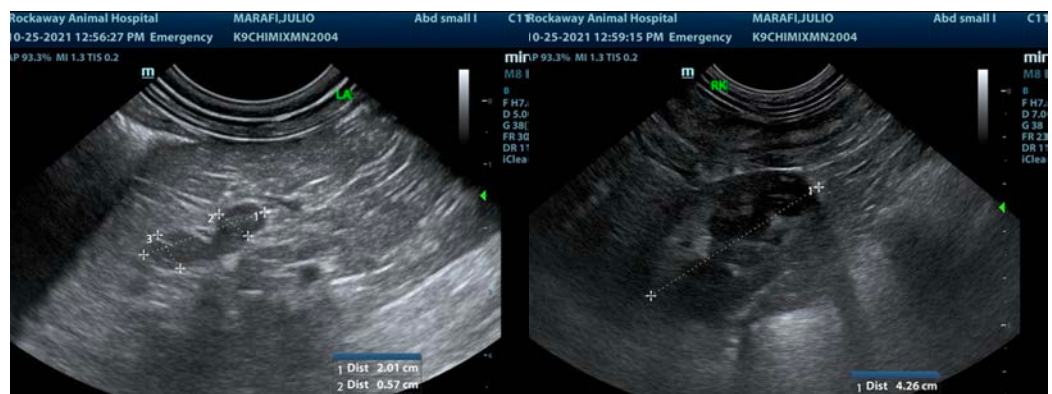
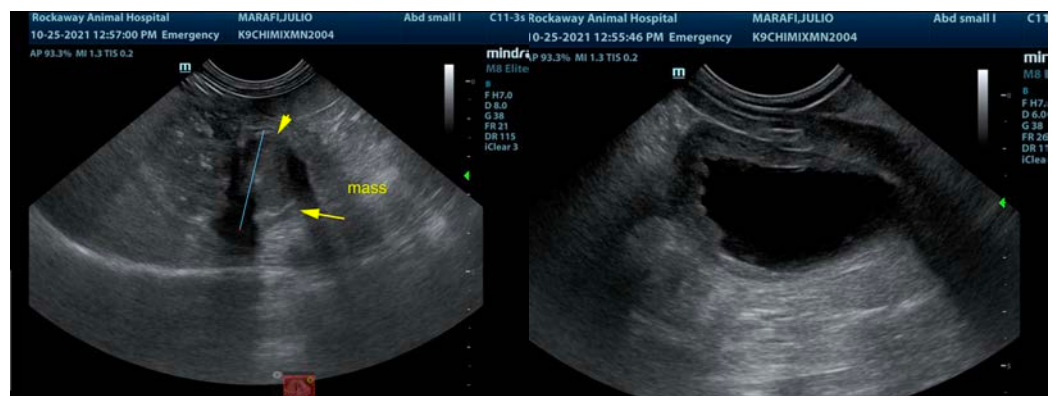
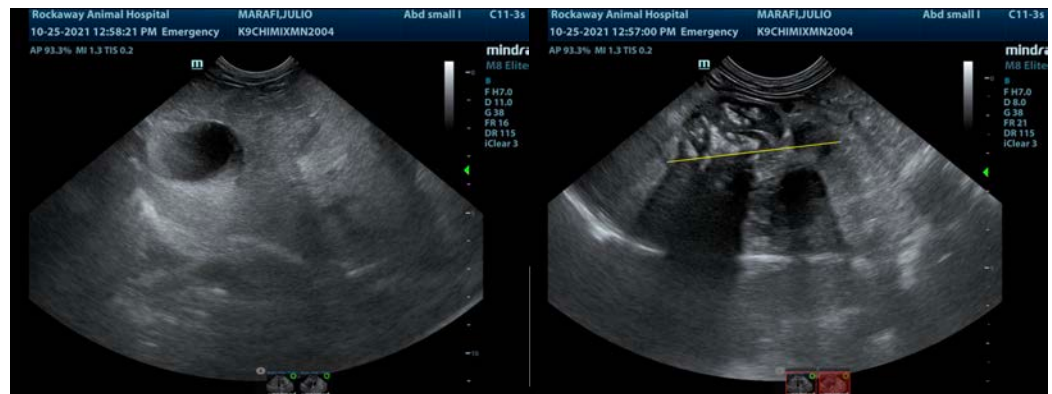
Dr. Maniar

INVOICE

26625

DATE

10/25/21





PATIENT

Julio Marafi

SPECIES

Canine

BREED

Chi X

SEX

Neutered Male

AGE

16 Years

WEIGHT

21.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

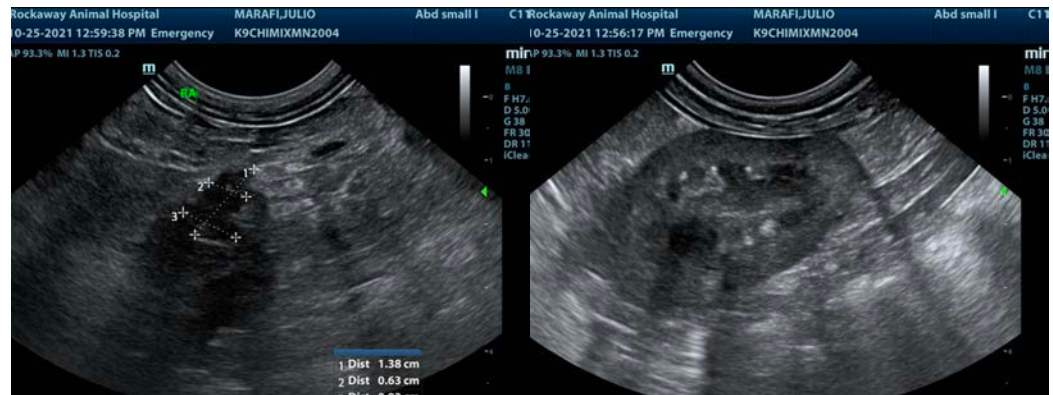
Dr. Maniar

INVOICE

26625

DATE

10/25/21



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
info@SonoPath.com