



PATIENT

Xuxa Parracho

PRESENTING CLINICAL SIGNS

History: Chronic vomiting + diarrhea Evaluate for neoplasia

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed a minimal amount of urine present and minor wall thickening and minor polypoid changes noted.

BREED

Maltese

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Pinpoint mineralization was noted. Slight cortical cyst was noted in the kidneys. The right kidney measured 3.9 cm. The left kidney measured 3.47 cm.

AGE

3/7/09

Adrenal Glands

WEIGHT

8 Pounds

Both **adrenal glands** were 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 1.76 x 0.61 cm at the caudal pole and 0.49 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed multi-focal, hypoechoic non-disruptive nodular changes. The changes are likely benign.

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

Liver

HOSPITAL NAME

Kenilworth AH

Exam of the cranial abdomen demonstrated excessive **liver** size and swollen contour. Mild, coarse architecture was noted with increased portal markings and minor parenchymal remodeling is suggestive of an inflammatory component. Minor excessive GB debris was noted with the presence gall bladder dilation and precipitate without the overt formation of mucocele but this may be an issue in the future. This type of liver presentation typically is associated with slow and gradual SAP elevations with low-grade ALT rise. USG-FNA sampling is encouraged if more aggressive LE profiles are present such as ALT > 200 or rapid rise in SAP. These presentations are usually reactive hepatopathies owing to other disease processes either endocrine (Diabetes, Hypothyroidism, Cushing's disease), "antigen surveillance" from the gut/pancreas, or idiopathic breed predisposed progressions.

REFERRING VET

Dr. Mansour

INVOICE

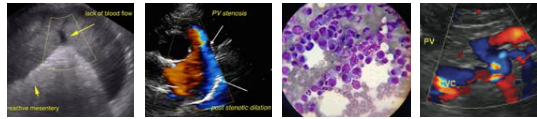
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Gastrointestinal

DATE

3/29/22

Minor, excessive GI gas was noted in this patient. However, structurally the gastrointestinal tract was empty and unremarkable.



PATIENT

Pancreas

Xuxa Parracho

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SPECIES

Canine

BREED

Maltese

ULTRASONOGRAPHIC FINDINGS

Minor bladder thickening.

SEX

Spayed Female

Minor pinpoint renal mineralization, non-obstructive.

Structurally unremarkable abdomen.

AGE

3/7/09

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are expected for this age patient. Dietary indiscretion, food intolerance/indiscretion, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. Urinary work-up is warranted to assess for any evidence of UTI.

WEIGHT

8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

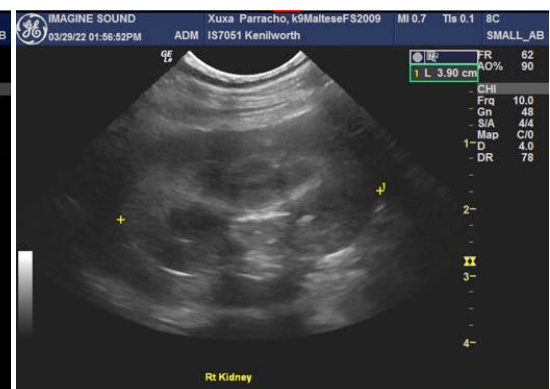
Dr. Mansour

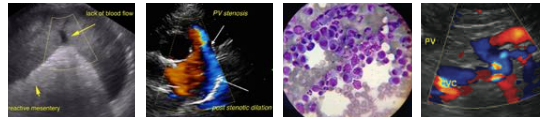
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PATIENT

Xuxa Parracho

SPECIES

Canine

BREED

Maltese

SEX

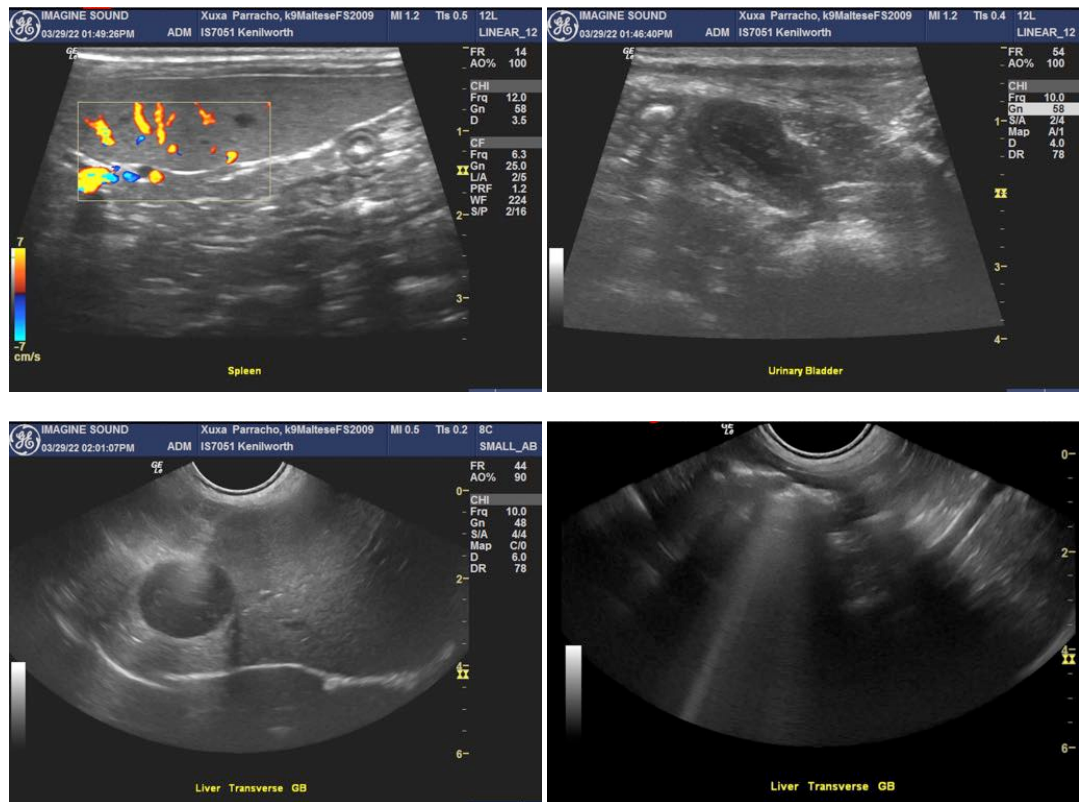
Spayed Female

AGE

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WEIGHT

8 Pounds



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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.

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