



PATIENT

Muffy Chi

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

15 Years

WEIGHT

28.2 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rivera

HOSPITAL NAME

DPC Veterinary H

REFERRING VET

Dr. Rivera

INVOICE

13342

DATE

1/9/22

PRESENTING CLINICAL SIGNS

History: RECHECKING ULTRASOUND. PET DOING VERY WELL. SEPTEMBER ULTRASOUND REVEALED THE FOLLOWING: 1. Gallbladder disease - Obstruction of the cystic +/- common duct is suspected based on the size of the gallbladder, dilation of the ducts, and the large amount of echogenic material (possible choleliths) in the cystic duct. Equivocal wall edema is consistent with active infection/inflammation. 2. Splenomegaly - this could be either physiologic or pathologic. 3. Nephropathy, mild - most consistent with chronic disease. 4. Other abdominal structures appear within normal limits.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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. Slight pyelectasia was noted. The left kidney measured 3.2 cm. The right kidney measured 3.2 cm.

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 0.5 cm.

The region of the **right adrenal gland** revealed no evident pathology.

Spleen

The **spleen** was mildly enlarged with slight scalloping contour and uniform parenchyma. No overt masses noted.

Liver

The **liver** was mildly subnormal in size with slight coarse architecture and minor increased portal markings. The gallbladder was slightly overdistended with debris with no evidence of mucocele formation.

Gastrointestinal

The **stomach** revealed mild hypertrophy with up to 7 mm wall thickening. The lumen was empty. The small intestine and colon were unremarkable.

Pancreas



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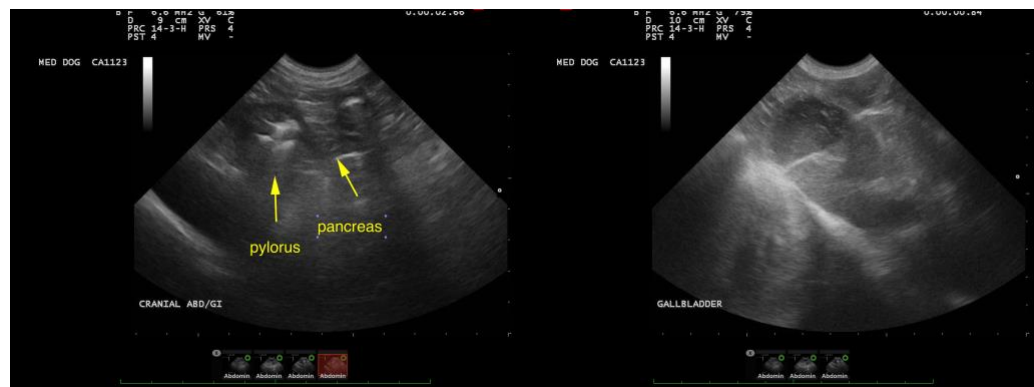
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes.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

ULTRASONOGRAPHIC FINDINGS

- Minor hypersplenism
- Subjectively slight gastric wall thickening
- Age-related renal and pancreatic changes
- Minor gallbladder debris

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If any weight loss is present, FNA of the spleen indicated. Otherwise, the abdomen appears to be stable.





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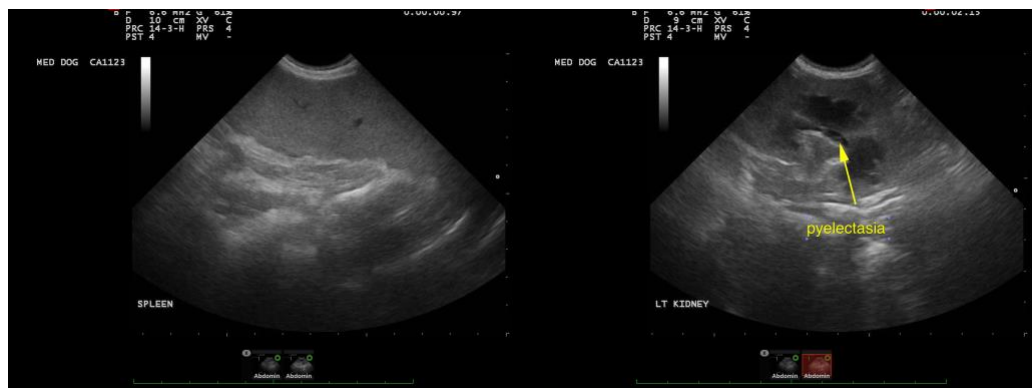
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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