



PATIENT

Jake Figueroa

PRESENTING CLINICAL SIGNS

pancreatitis, newly diagnosed anaplasmosis

SPECIES

Canine

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 pelvic urethra was imaged 1.0 cm beyond the cystourethral junction. The residual prostate measured 5.0 mm.

BREED

Maltese X

SEX

Neutered Male

The **right kidney** presented moderate degenerative changes and irregular contour with loss of corticomedullary definition and echogenic cortical remodeling. The right kidney measured 3.81 cm. The **left kidney** presented similar changes as the right, measuring 3.34 cm with pyelectasia and loss of corticomedullary definition. Blood flow to the kidneys appeared to be subjectively subnormal on power doppler assessment.

AGE

10 Years

Adrenal Glands

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 1.72 cm x 0.95 cm at the caudal pole and 0.55 cm at the cranial pole. The right adrenal gland measured 1.55 cm x 0.47 cm at the caudal pole and 0.77 cm at the cranial pole.

WEIGHT

9.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Diane McFadden

Liver

HOSPITAL NAME

Rockaway AH

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. Minor gallbladder polyps noted, not pathological. 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.

REFERRING VET

Dr. Maniar

Gastrointestinal

INVOICE

29786

The **stomach** revealed minor fluid accumulation. No evidence of foreign body. Some echogenic mucosal changes were noted with minor hypertrophy. The small intestine and colon were unremarkable.

DATE

11/12/21

Pancreas

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.



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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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Biliary polyps
- Possible underlying gastritis
- Moderate degenerative renal changes with pyelectasia and dystrophy

BREED

Maltese X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The kidneys appear approximately 50-60% compromised from a subjective standpoint. No evidence of neoplasia. I'm most concerned about the kidneys in this patient for long-term viability. Full urinary workup, blood pressure and diet change all indicated.

SEX

Neutered Male

AGE

10 Years

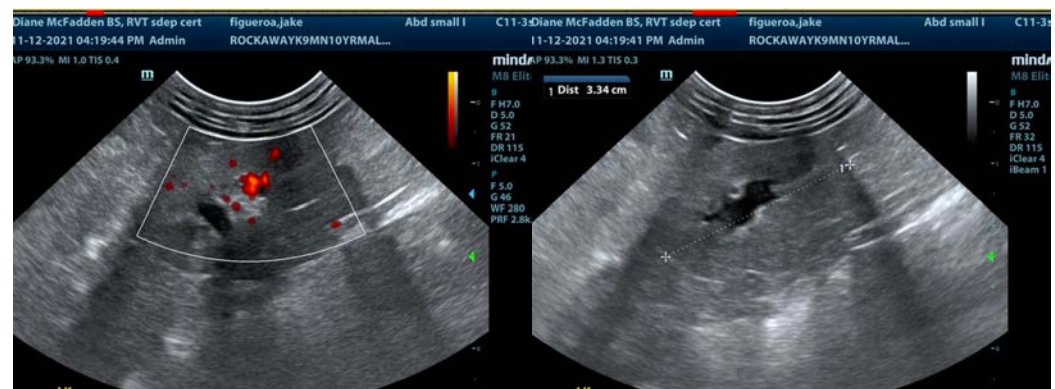


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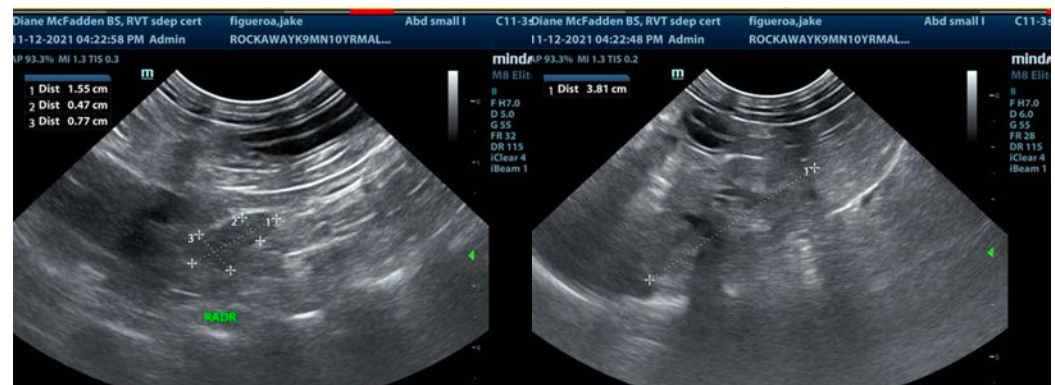


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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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