



PATIENT PRESENTING CLINICAL SIGNS

Molly McCann
inappetence last 48 hours, abnormal bowel pattern on rads
Abnormal PE/Chem/CBC/UA Results: tbili 3.0, ALT 164, TP 8.9

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Lab X

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.

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 3.66 cm. The right kidney measured 6.75 cm.

AGE

10 Years

Adrenal Glands

WEIGHT

70.1 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 right adrenal gland measured 2.36 cm x 1.03 cm at the cranial pole and 0.46 cm at the caudal pole. The left adrenal gland measured 2.71 cm x 0.67 cm at the caudal pole and 0.51 cm at the cranial pole.

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

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

ACC Flanders

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. Villari

Gastrointestinal

INVOICE

38059

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

5/27/22



PATIENT

Molly McCann

Pancreas

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

- Structurally unremarkable abdomen
- Minor age related renal changes

BREED

Lab X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of pathology that would be responsible for the clinical signs. Reassessment of the bilirubin values recommended, as there is structurally no reason for bilirubin to be elevated. Lab artifact may be an issue. Assessment for orthopedic pain, CNS or thoracic disease indicated, as there is no evidence of visceral disease present in the abdomen.

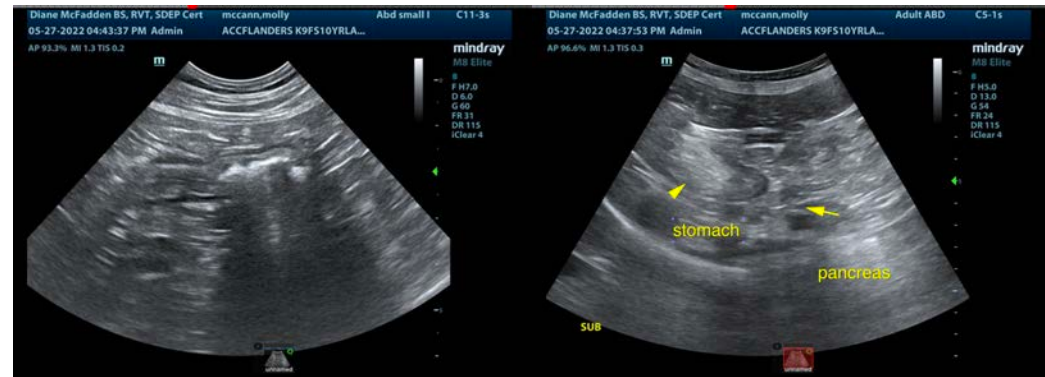
AGE

10 Years

Radiographs: Unremarkable.

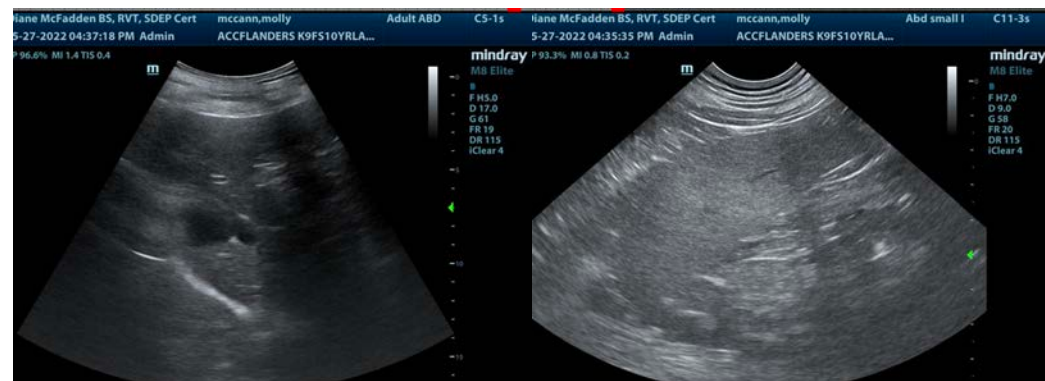
WEIGHT

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PATIENT

Molly McCann

SPECIES

Canine

BREED

Lab X

SEX

Spayed Female

AGE

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WEIGHT

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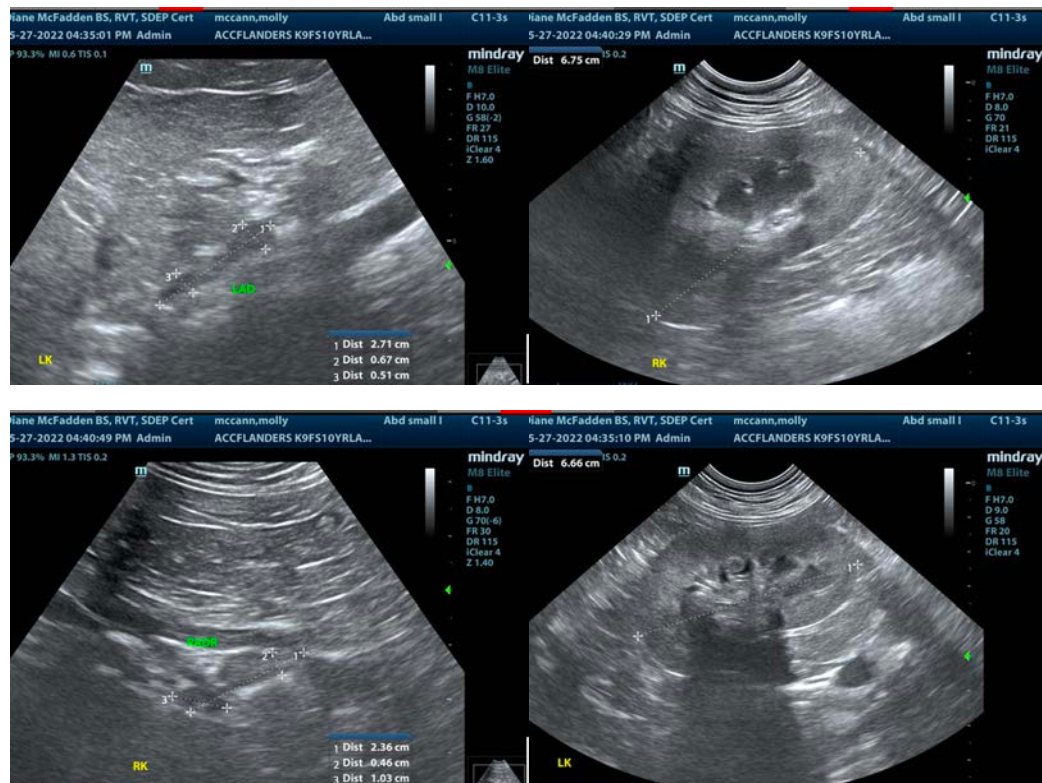
Dr. Villari

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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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