



PATIENT

Harry Garland

PRESENTING CLINICAL SIGNS

History: Met Check, Recently diagnosed anal gland adenocarcinoma right, sx scheduled for Thurs
Abnormal PE/Chem/CBC/UA Results: labs pending

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Cocker Spaniel

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 was noted. Ureteral papillae were normal.

SEX

Neutered male

The residual prostate was uniform and measured 1.0 cm. The iliac trifurcation was unremarkable with no evidence of lymphadenopathy.

AGE

12 years

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 right kidney measured 6.01 cm. The left kidney measured 4.81 cm.

WEIGHT

27 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 1.41 x 0.65 cm at the caudal pole and 0.55 cm at the cranial pole. The right adrenal gland measured 1.89 x 1.18 cm at the cranial pole and 0.44 cm at the caudal pole.

IMAGING PERFORMED BY

Valeryia Shumskaya

Spleen

HOSPITAL NAME

Basking Ridge AH

The **spleen** was normal size and relatively normal contour with multifocal hyperechoic areas of mineralization. This is a benign change; however, can be related to Cushing's disease or other endocrinopathies.

REFERRING VET

Dr. Hollo

Liver

INVOICE

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The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. Non-disruptive nodular changes were noted. This is consistent with nodular hyperplasia/vacuolar hepatopathy. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

DATE

2/14/23



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Gastrointestinal

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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.

SPECIES

Canine

BREED

Cocker Spaniel

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.

SEX

Neutered male

Heart

Rapid view of the heart revealed no evidence of pathology.

AGE

12 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

27 lbs

Benign hepatopathy with remodeling.

Age related renal changes.

Splenic mineralization, potentially an idiopathic finding or possibly related to underlying endocrinopathy.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of primary or metastatic neoplasia.

IMAGING PERFORMED BY

Valeria Shumskaya

HOSPITAL NAME

Basking Ridge AH

REFERRING VET

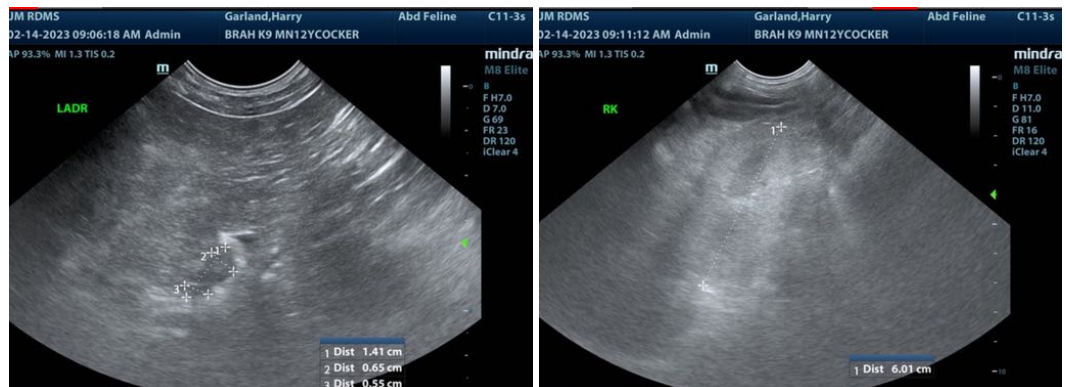
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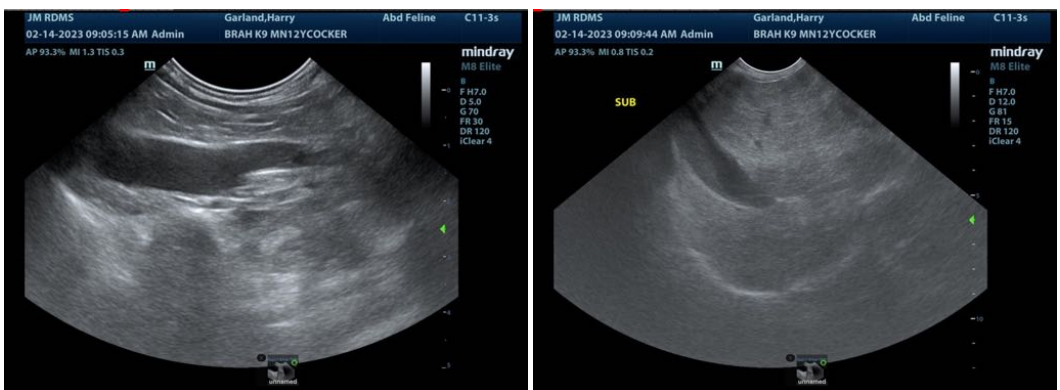
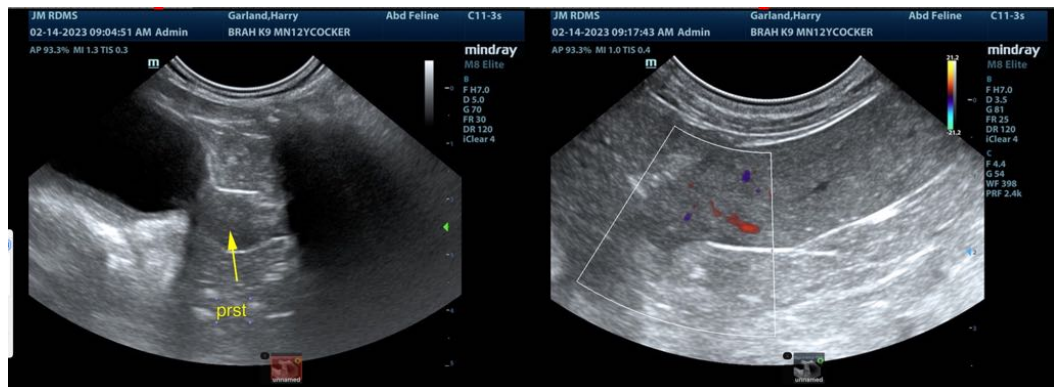
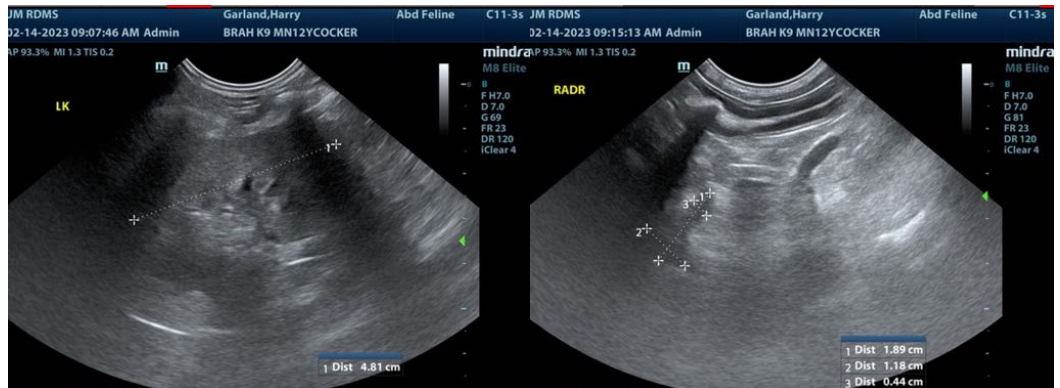
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



PATIENT

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of Sonopath
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