



PATIENT PRESENTING CLINICAL SIGNS

Ivan Richter History: anal sac mass, looking for neoplasia today. On tramadol 75 mg bid
Abnormal PE/Chem/CBC/UA Results: ALKP 212, chol <13, USPG 1.026

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

SEX

Neutered male

The residual prostate measured 0.6 cm. The iliac lymph nodes were slightly enlarged. The largest lymph node measured 2.67 x 0.55 cm. Other smaller lymph nodes were also enlarged. This is a reactive pattern.

AGE

11 years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.6 cm. The right kidney measured 7.55 cm.

WEIGHT

50 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The **right adrenal gland** was mildly enlarged and measured 3.76 x 2.01 cm at the cranial pole and 0.92 cm at the caudal pole. The left adrenal gland was mildly enlarged and slightly irregular at the cranial pole measuring 2.0 x 0.9 cm at the cranial pole and 0.7 cm at the caudal pole.

IMAGING PERFORMED BY

Diane McFadden, RVT

Spleen

HOSPITAL NAME

Summit Dog and Cat
Hospital

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

INVOICE

91682

Liver

DATE

9/7/21

The **liver** revealed coarse architecture and increased portal markings. A mixed, hypoechoic mass was noted and appeared to be deriving from the right caudal liver. This appears to be resectable and measured 5.0 cm. The gallbladder and common bile duct were unremarkable.



PATIENT *Gastrointestinal*

Ivan Richter 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

Mix

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

ULTRASONOGRAPHIC FINDINGS

Right caudal liver mass. Appears potentially resectable. Mild hepatic remodeling outside of the mass.

Mild, bilateral adrenal enlargement.

Minor iliac lymphadenopathy.

Geriatric abdomen.

AGE

11 years

WEIGHT

50 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The hepatic mass appears to be resectable. CT is recommended for surgical planning. The mass is moderately vascular. Ultrasound-guided FNA was performed without complication. There is a potential for metastatic disease, yet the lymph nodes follow a reactive pattern and should be monitored carefully. I believe that the mass is benign hepatoma; however, it is space occupying and is at risk for torsion. There is a potential for carcinoma or sarcoma.

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

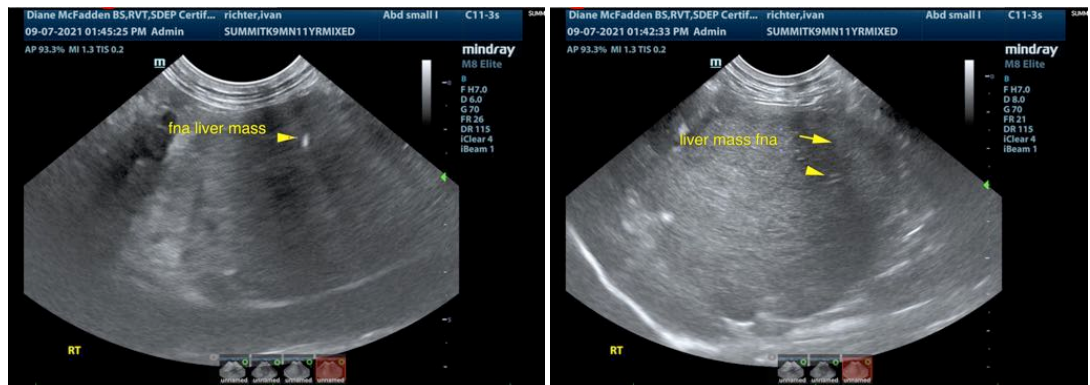
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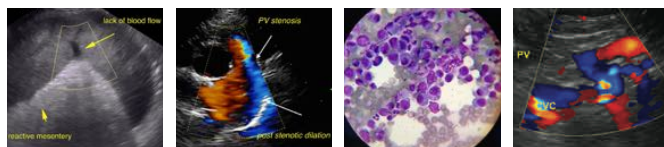
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PATIENT

Ivan Richter

SPECIES

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Mix

SEX

Neutered male

AGE

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WEIGHT

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HOSPITAL NAME

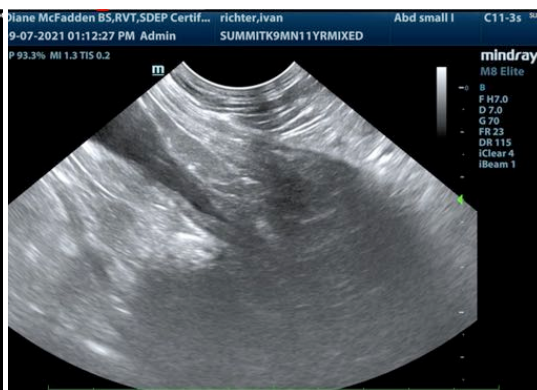
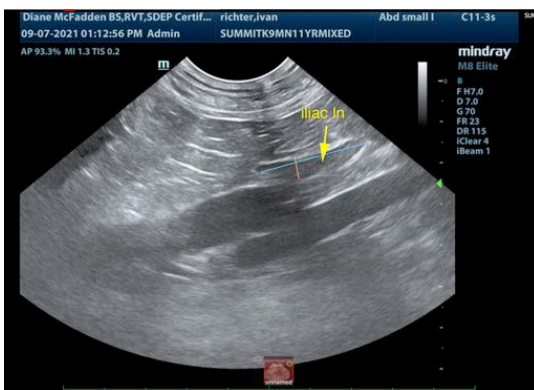
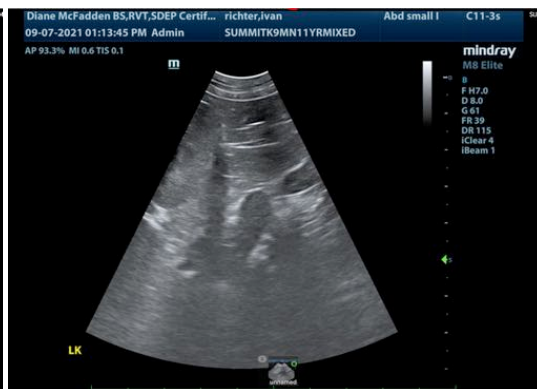
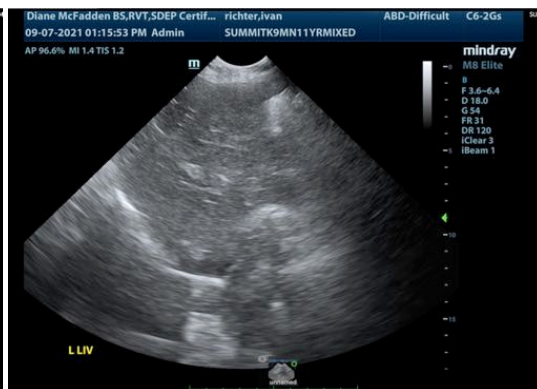
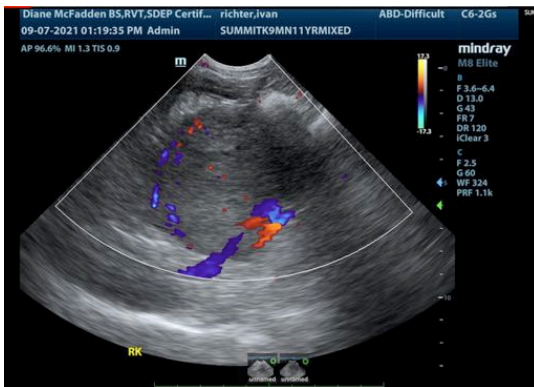
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Mix

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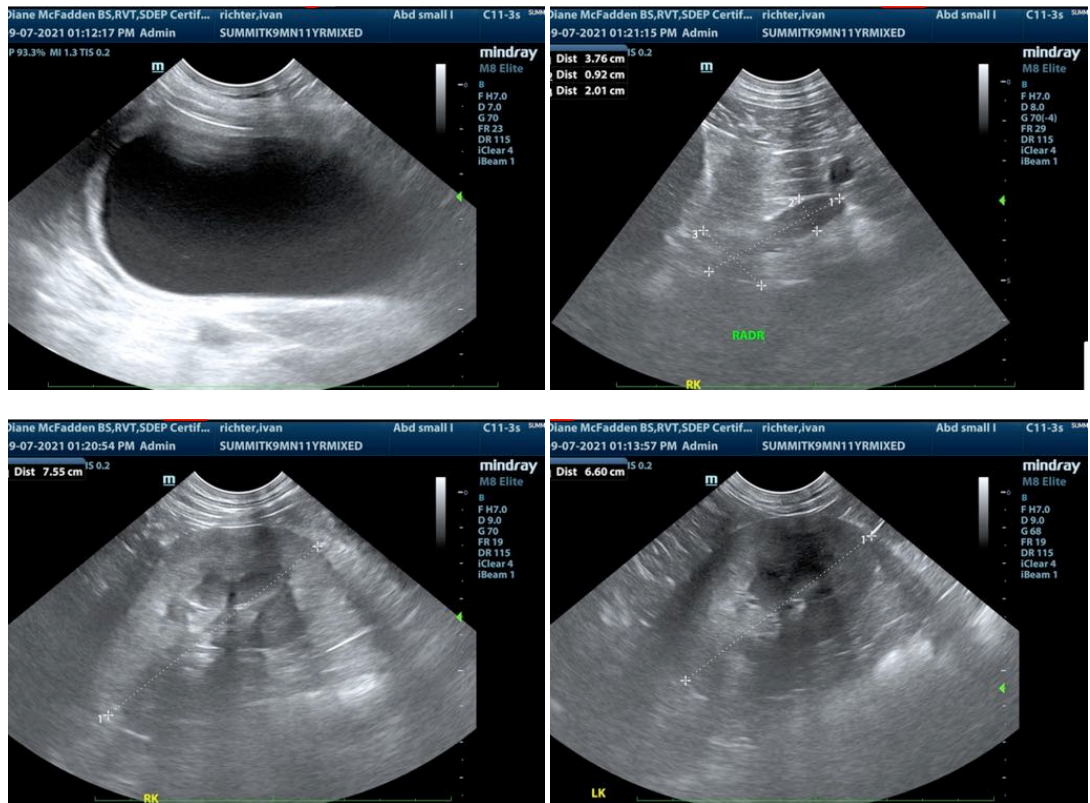
Neutered male

AGE

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WEIGHT

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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.

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