



PATIENT PRESENTING CLINICAL SIGNS

Cooper Brown History of weight loss, about 10 kg with no reason for weight loss. On AFAST in clinic, suspect mass effect somewhere near or on the spleen.

SPECIES Abnormal PE/Chem/CBC/UA Results: CBC - Low MCV, MCH, Retics. High RDW, WBCs (38.7), Neuts, Mono, Baso, MPV. 4DX negative. Chem - GGT high, Amylase high.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Golden Retriever

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 3.0 cm beyond the cystourethral junction. The residual prostate measured 1.0 cm.

SEX

Neutered Male

The **right kidney** was comprised of an expansive irregular mass with regional inflammation. Significant disrupted architecture noted and thickened irregular cortices. Deviated renal pelvis. The mass was largely parenchymal. Significant inflammation noted. The right kidney measured 10.4 cm.

AGE

6 Years

The **left kidney** presented normal size and contour with minor age related degenerative changes. The left kidney measured 6.7 cm. Normal vascularity.

WEIGHT

75 Pounds

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 3.2 cm x 0.60 cm at the caudal pole and 0.59 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

The **right adrenal gland** was not visualized.

Spleen

IMAGING PERFORMED BY

Crystal Hill

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.

HOSPITAL NAME

New Hamburg VC

Liver

REFERRING VET

Dr. Schroeder

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.

INVOICE

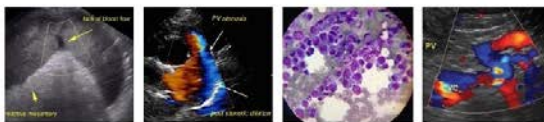
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Gastrointestinal

DATE

10/19/22

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



PATIENT

Cooper Brown

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

SPECIES

Canine

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.

BREED

Golden Retriever

- Right renal mass
- Age related left kidney changes

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Subjectively, the right renal pathology appears to be isolated and still encapsulated, and therefore appears potentially resectable. Chest radiographs and immediate exploratory surgery indicated. CT evaluation could be considered for surgical planning. However, this mass is particularly aggressive and I recommend immediate intervention. The left kidney appears subjectively intact. The right adrenal gland was not visualized, and involvement with the mass could not be completely ruled out. Right renal carcinoma versus round cell neoplasia less likely.

AGE

6 Years

WEIGHT

75 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

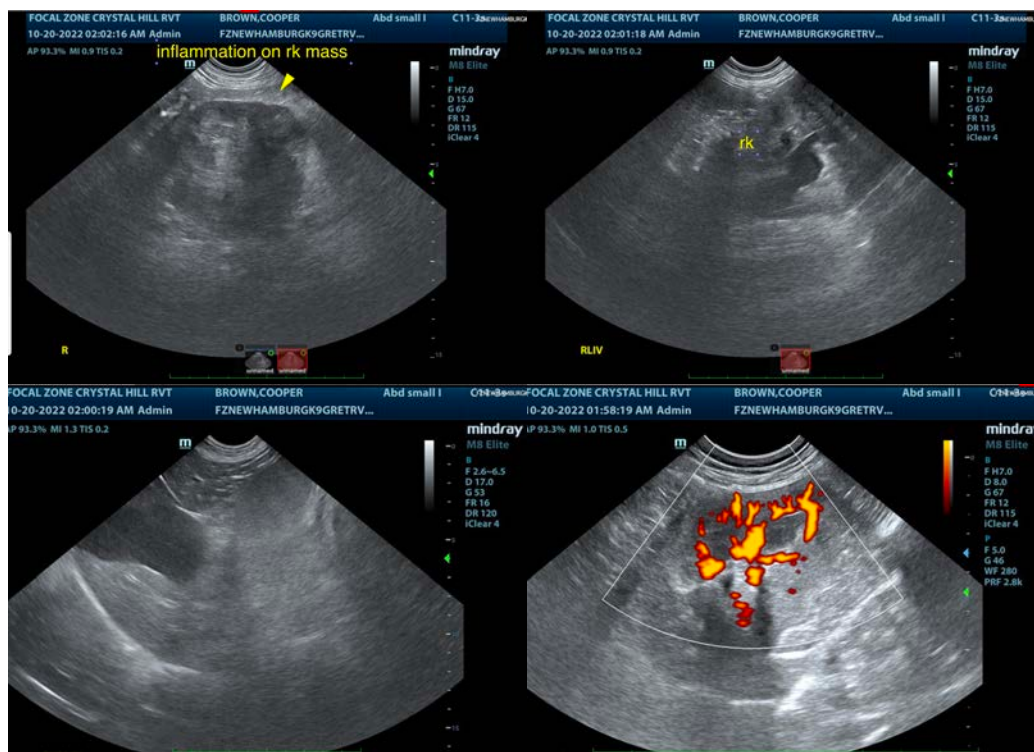
Crystal Hill

HOSPITAL NAME

New Hamburg VC

REFERRING VET

Dr. Schroeder

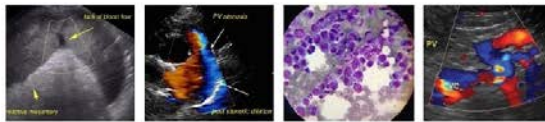


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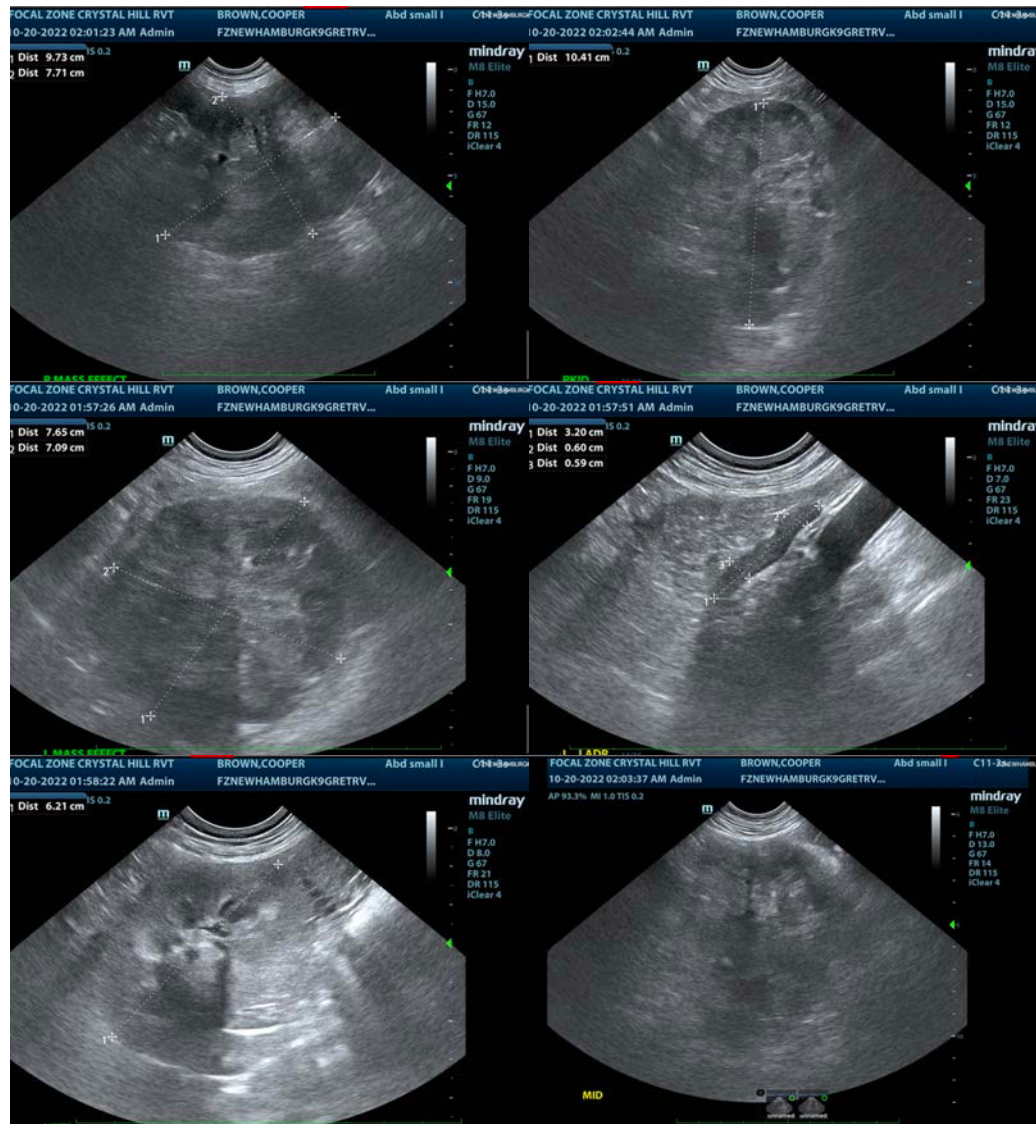
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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