



PATIENT

Ranger Heller

SPECIES

Canine

BREED

Bernese Mtn Dog

SEX

Neutered Male

AGE

8 Years

WEIGHT

54 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Raski

INVOICE

29772

DATE

11/12/21

PRESENTING CLINICAL SIGNS

Presented at our hospital for AUS. Started with vomiting Monday morning after eating. Then NE for several days but still drinking. Took to rdvm today, took rads, suspicious of mass. Rec AUS. Previous Health Concerns: none Appetite/When did they eat last: small amount of cat food this morning Abnormal PE/Chem/CBC/UA Results: Rdvm bloodwork: WBC 25.71; Neu 21.7; Mono 2.7; Plt 132; MPV 15.9; TP 8.5; Glob 5.2; ALT 282; ALP 337 Rdvm rads: mass effect in mid abdomen pushing intestines caudally and to the left.

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 **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. The left kidney measured 8.0 cm. The right kidney measured 7.0 cm with minor pyelectasia noted.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** was folded upon itself cranially, no evidence of neoplasia.

Liver

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.

Gastrointestinal

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.

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.



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ULTRASONOGRAPHIC FINDINGS

- Minor renal pyelectasia, unremarkable abdomen otherwise

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care for gastrointestinal upset should prove effective. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. Urinary workup warranted to assess for UTI given the right renal pyelectasia.

BREED

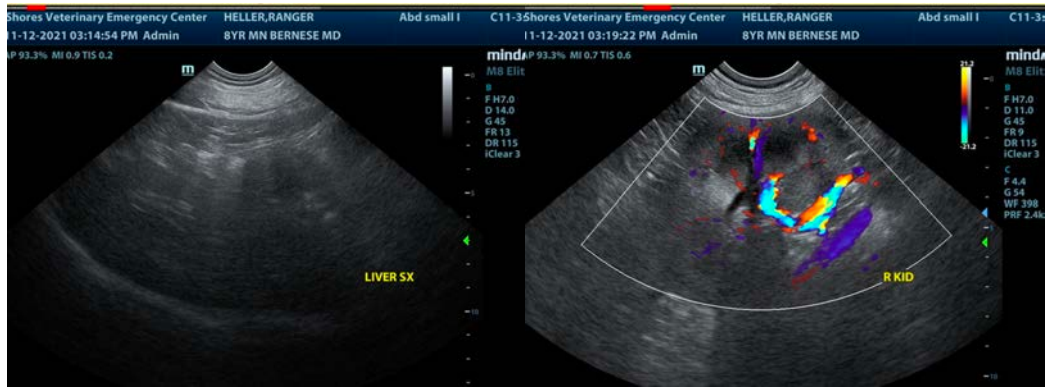
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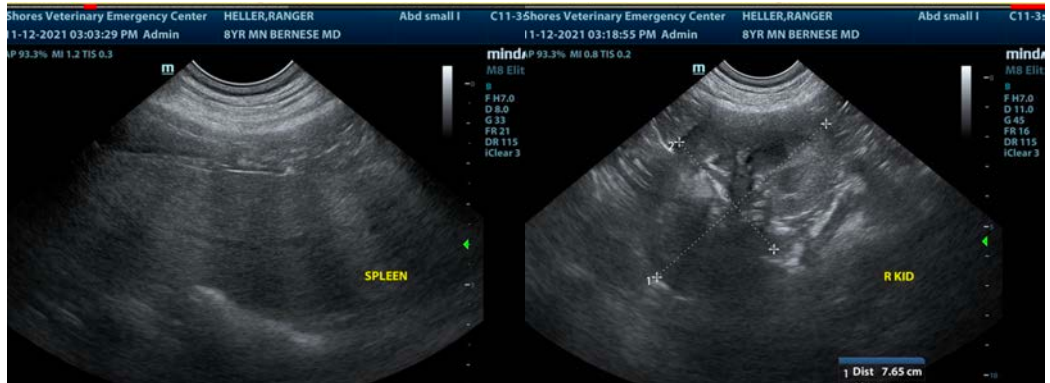
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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info@SonoPath.com

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