

PATIENT PRESENTING CLINICAL SIGNS

Juju Slack Vomiting and diarrhea starting 3-8. Seemed a bit better yesterday, but now feeling sick again. May have eaten an avocado.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: ABNORMAL Laboratory Findings N/A Current Medications None Radiographic Findings N/A

BREED

Heeler

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

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.

AGE

3 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 right kidney measured 6.1 cm. The left kidney measured 6.1 cm. Slight pinpoint mineralizations noted.

WEIGHT

51 Pounds

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 2.2 cm x 0.67 cm at the caudal pole and 0.45 cm at the cranial pole. The right adrenal gland measured 2.39 cm x 1.08 cm at the cranial pole and 0.47 cm at the caudal pole.

IMAGING PERFORMED BY

Sara Hansen

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.

HOSPITAL NAME

Q Street AH

Liver

REFERRING VET

Dr. Hoerauf

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

45836

Gastrointestinal

DATE

3/10/23

The upper **gastrointestinal tract** revealed stasis and hyperperistalsis. A jejunal foreign body was noted, preceded by dilated small intestine with reactive surrounding mesentery and emerging localized peritonitis without free fluid at this point, and was followed by empty small intestine. The structure



PATIENT

Juju Slack

measured approximately 1.5-2.0 cm and may be consistent with avocado pit, given the patient history. Slight reactive mesenteric lymph node noted at 1.5 cm x 0.50 cm.

Pancreas

SPECIES

Canine

Minor heterogeneous **pancreatic** changes noted in the right limb.

BREED

Heeler

- Jejunal foreign body
- Reactive mesenteric lymph node
- Heterogeneous right pancreatic limb

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Intestinal biopsies warranted at the time of surgery to rule out underlying disease.

AGE

3 Years

According to Sonopath research presented at ECVIM 2016 (Stockholm, Sweden), Advances in Small Animal Medicine and Surgery (May 2017), and EVDI 2017 (Verona, Italy), concurrent underlying chronic inflammatory neoplastic intestinal disease can often reside in PICA patients. Therefore, surgical biopsies are essential in this case regardless of the exploratory findings.

WEIGHT

51 Pounds

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IMAGING PERFORMED BY

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REFERRING VET

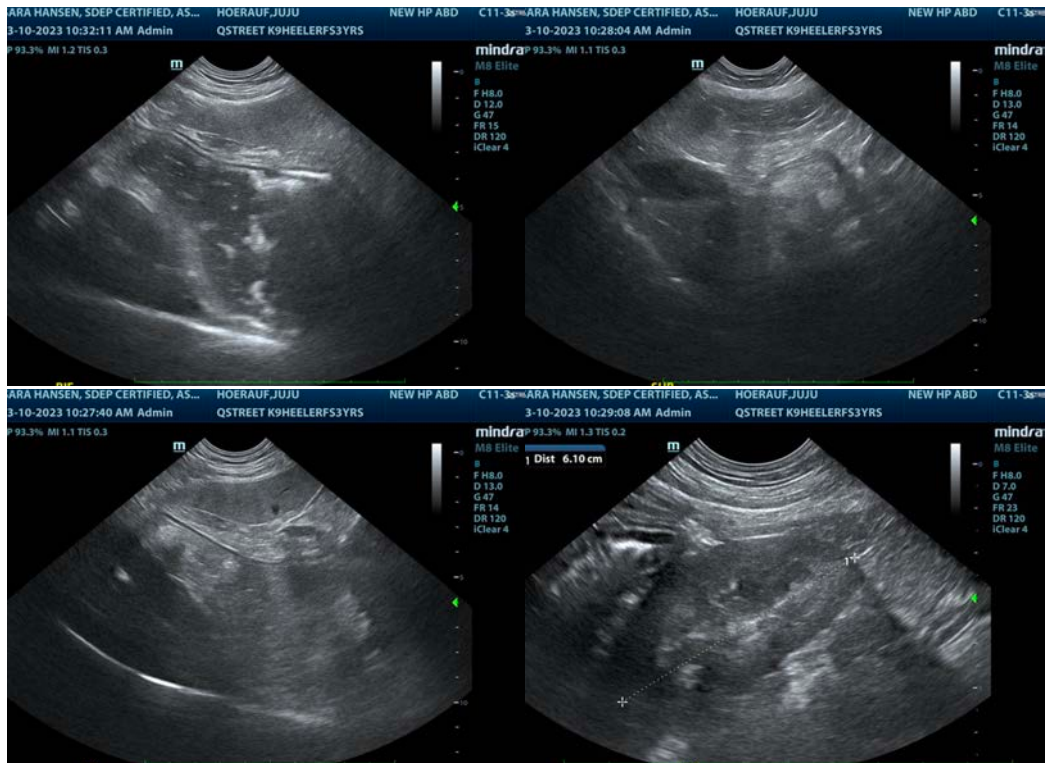
Dr. Hoerauf

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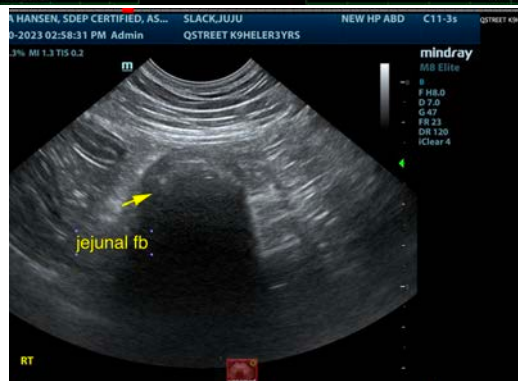
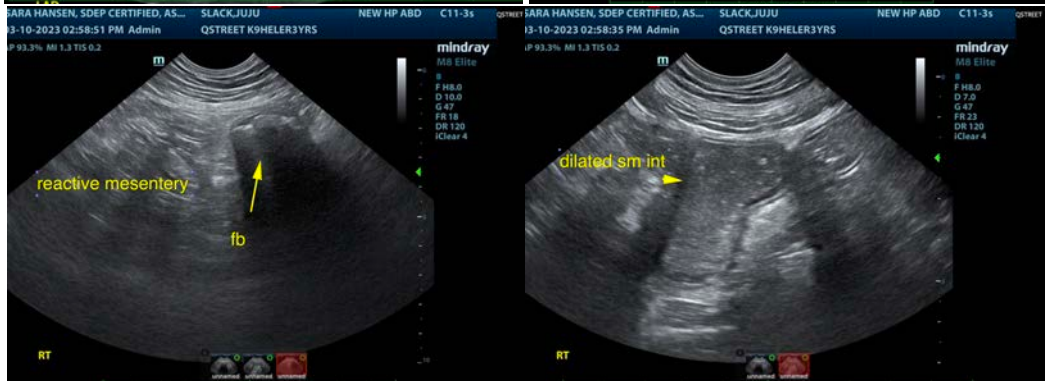
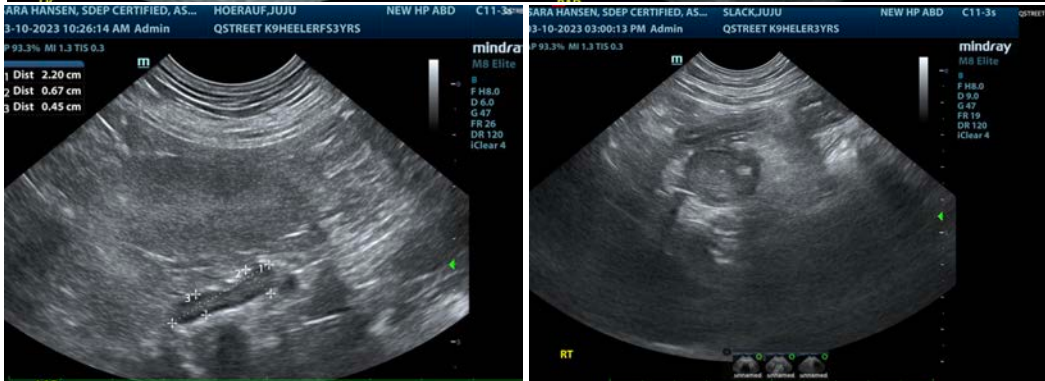
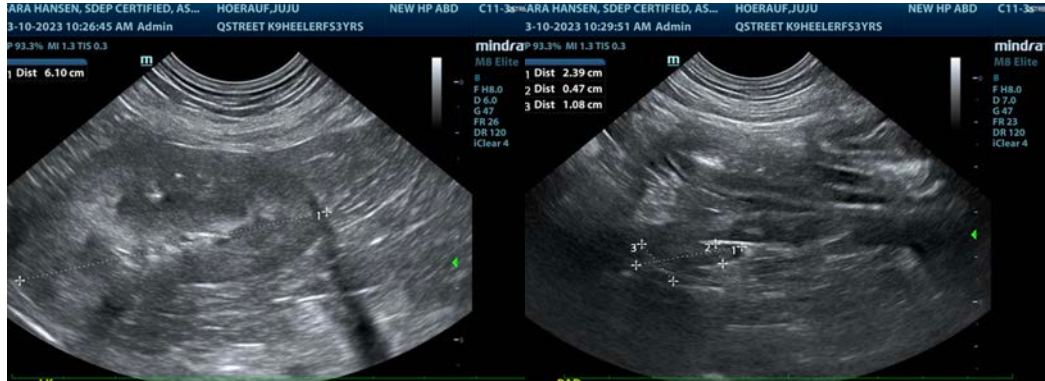
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

BREED

Heeler

info@SonoPath.com

SEX

Spayed Female

AGE

3 Years

WEIGHT

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