



PATIENT PRESENTING CLINICAL SIGNS

Dali Brooks 1- Pale pk mm's 2- Hypersalivating 3- Tense abd 4- Weak/lethargic Hx: vomiting for 2-3 days, diarrhea/soft stools for 2 days, anorexia today IH during hospitalization had 1 bout of bile vomit and 2 bouts of severe hemorrhagic diarrhea

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: ALT 217 in Feb 2022, UTI in Feb 2022 Hx of mammary carcinoma, excised fully Current Medications None

BREED

Hovawart

SEX

Spayed Female

AGE

11 Years

WEIGHT

79.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

VCA Westmoreland

REFERRING VET

Dr. Bugarovich

INVOICE

39957

DATE

7/29/22

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 and no evidence of pelvic dilation was present. The left kidney measured 7.75 cm. The right kidney measured 6.63 cm.

Adrenal Glands

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 right adrenal gland measured 3.93 cm x 2.49 cm at the cranial pole and 0.70 cm at the caudal pole. The left adrenal gland measured 6.15 cm x 0.92 cm at the caudal pole and 0.74 cm at the cranial pole.

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.

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.



PATIENT *Gastrointestinal*

Dali Brooks The upper **gastrointestinal tract** revealed dilated bowel. The stomach was empty. The small intestine was hyperperistaltic and continued into dilated, fluid-filled colon. This is consistent with enterocolitis, such as HGE.

SPECIES

Canine

Pancreas

BREED

Hovawart

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

PRIMARY FINDINGS

Spayed Female

- Enterocolitis pattern

AGE

SECONDARY FINDINGS

11 Years

- Age related renal changes

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

79.9 Pounds

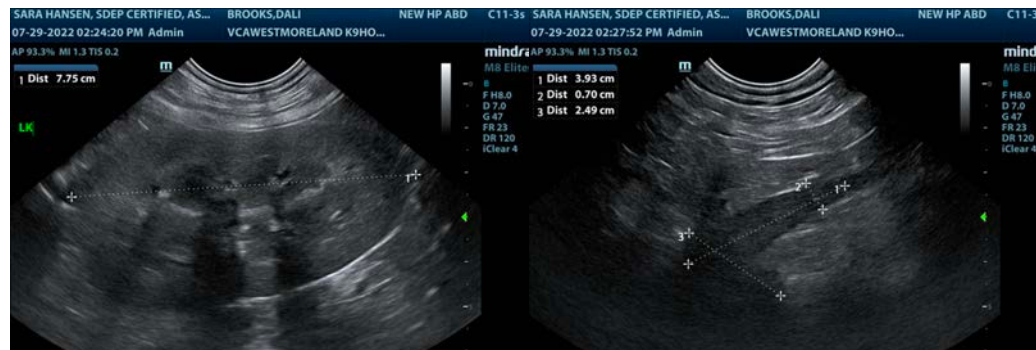
Plasma expanders, antibiotics such as Enrofloxacin/Metronidazole should be considered, as well as GI protectants. Recheck sonogram in 24-48 hours if the clinical signs persist.

INTERPRETED BY

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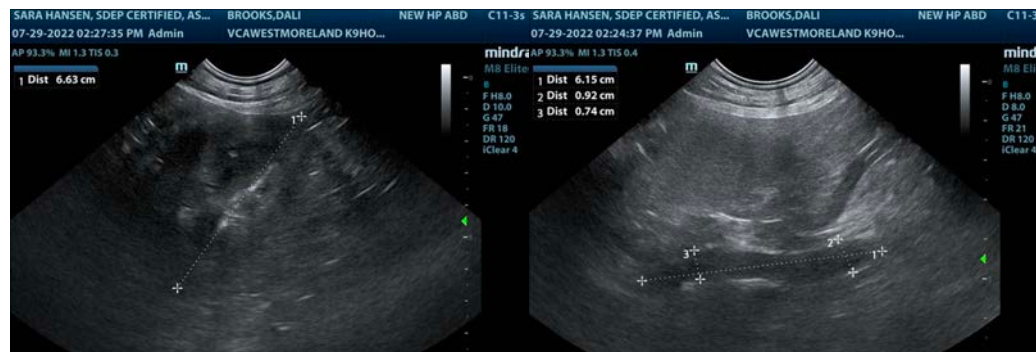
IMAGING PERFORMED BY

Sara Hansen



HOSPITAL NAME

VCA Westmoreland



REFERRING VET

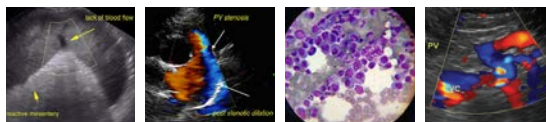
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PATIENT

Dali Brooks

SPECIES

Canine

BREED

Hovawart

SEX

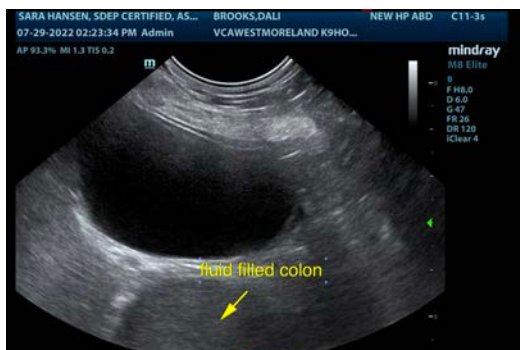
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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