**PATIENT**

Dubs Wof 268139

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact Male

AGE

2 Years

WEIGHT

28.6 kg

INTERPRETED BYLisa Carioto, DVM,
DVSc, Diplomate
ACVIM**IMAGING
PERFORMED BY**

Tom McNeill

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

WVRC - Dr. Quigley

INVOICE

37089

DATE

4/22/22

PRESENTING CLINICAL SIGNS

Acute onset of vomiting, diarrhea, and anorexia for the past 2-3 days.
 Abnormal PE/Chem/CBC/UA Results: Febrile 105.6F at pDVM.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The **urinary bladder** is well distended with anechoic contents. The wall is smooth and regular. No abnormalities are noted with the trigone or proximal urethra, and there is no evidence of sediment, cystoliths, polyps or a mass.

Prostate

The prostate is homogenous and measures 3.36 mm, which is within normal limits for an intact male.

Kidneys

The **left kidney** measures 6.74 cm. The capsule is smooth and its overall architecture, including the definition of the cortico-medullary junction, are preserved. There are no signs of nephroliths or pyelectasia. The surrounding mesentery is not hyperechoic.

The **right kidney** measures 6.86 cm. The capsule is smooth and its overall architecture, including the definition of the cortico-medullary junction, are preserved. There are no signs of nephroliths or pyelectasia. The surrounding mesentery is not hyperechoic.

Aortic bifurcation/trifurcation

No abnormalities observed.

Adrenal Glands

The **left adrenal gland** measures 0.52 cm at the cranial pole, 0.42 cm at the caudal pole. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

The **right adrenal gland** measures 0.58 cm at the cranial pole, 0.54 cm at the caudal pole. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

Spleen

The spleen is within normal limits in size, architecture, echotexture, and echogenicity. The capsule is smooth. No abnormalities are observed with its vasculature, i.e. congestion and thrombi are not identified.

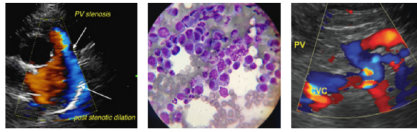
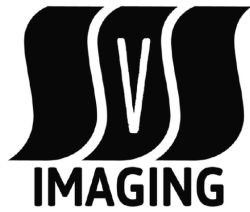
Liver

There are no obvious signs of hepatomegaly and its borders are smooth and sharp. The liver's echotexture is homogeneous and it is within normal limits in echogenicity. The walls of the portal veins are moderately hyperechoic. No abnormalities are observed with the hepatic vessels visualized.

The gallbladder wall is within normal limits in thickness and echogenicity. There is no evidence of echogenic material within the GB or edema surrounding it. The portions of the cystic and/or common bile ducts observed are not dilated or tortuous, i.e. there are no signs of an obstruction.

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Gastrointestinal

A large amount of gas is present within the lumen. The gastric wall is within normal limits in thickness and the wall layers are well defined. No obvious abnormalities are observed with its peristalsis.

The small intestinal wall thickness, including the duodenum, is within normal limits and the definition of the wall layers is preserved. Abnormally dilated loops of bowel are not observed.

The colonic wall is not thickened and mural detail is considered normal.

Pancreas

No overt abnormalities are observed with the echogenicity or echotexture of the **left limb**. There is no evidence of hyperechogenicity of the surrounding mesentery, i.e., signs of active pancreatitis are not present.

The **right limb** is diffusely hypoechoic. The surrounding mesenteric fat is moderately hyperechoic, suggestive of saponification. These findings are highly suggestive of active pancreatitis.

Other

Lymph nodes

Mesenteric LN: 0.85 cm in diameter x 1.85 cm in length. Mildly enlarged and "plump", and hypoechoic, but not excessively abnormal for a young dog.

Abdominal effusion is not visualized.

Testicles

Subjectively, the testicles are normal in size. They are symmetrical and homogenous in echotexture. No focal lesions are observed.

ULTRASONOGRAPHIC FINDINGS

- The ultrasound changes of the right limb of the pancreas are suggestive of pancreatitis.
- An obvious foreign body is not visualized within the stomach, however, a marked amount of gas is present, which could affect one's ability to identify a foreign body.
- The mild increase in echogenicity of the walls of the portal veins may be clinically insignificant, however, inflammation cannot be excluded. The latter may be associated with ascending inflammation from pancreatitis.

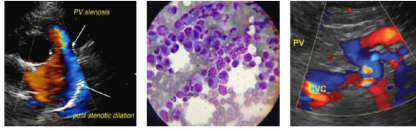
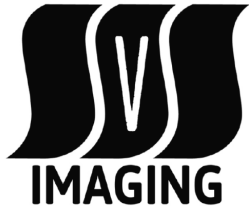
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Treatment for pancreatitis is recommended, including analgesics, such as methadone and gabapentin, are suggested, as well as supportive care, including maropitant, and possibly intravenous fluids, depending on Dubs' hydration status.

A low fat, easily digestible diet that is moderately restricted in fibre is recommended to help decrease gas and bloating.

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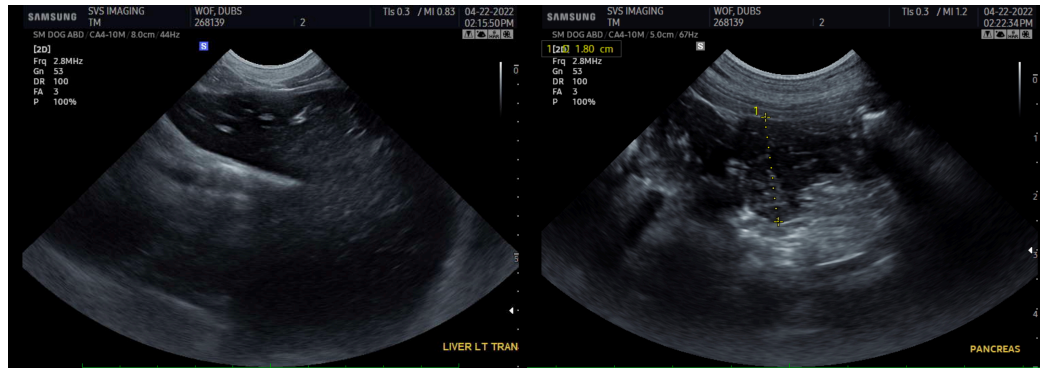
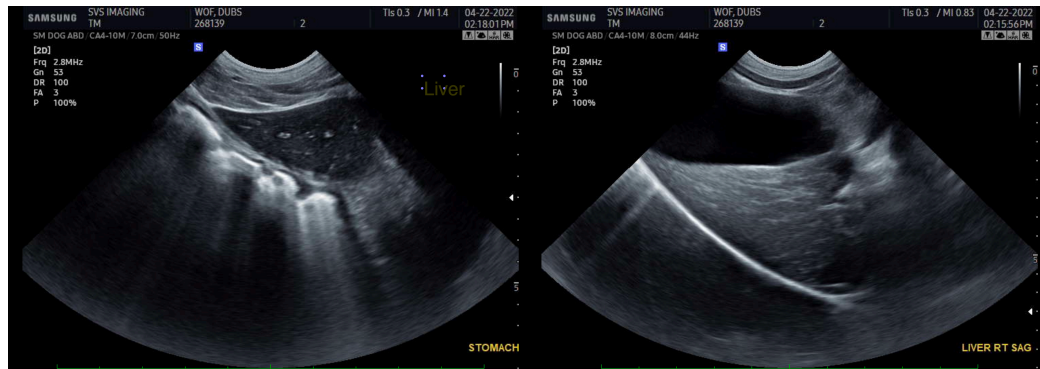
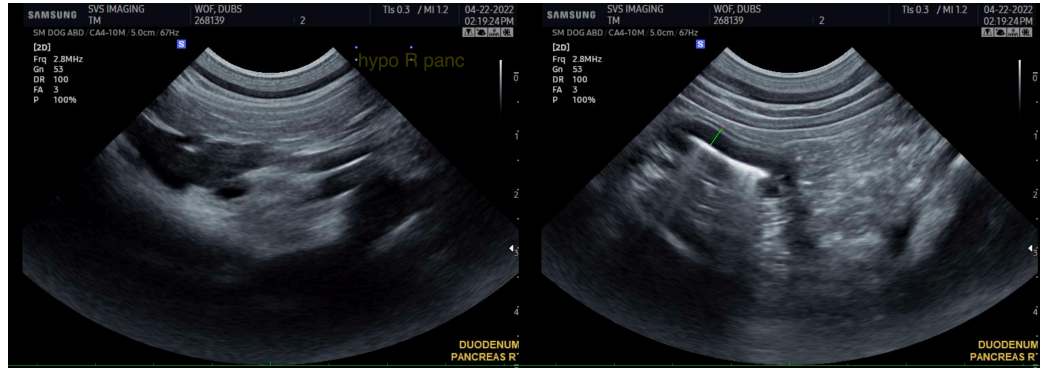
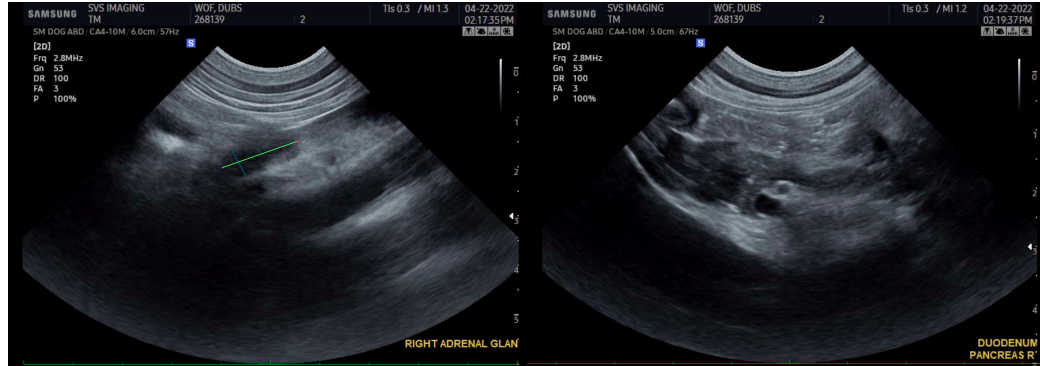
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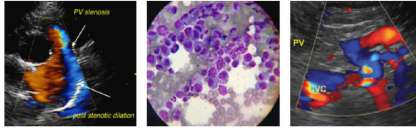
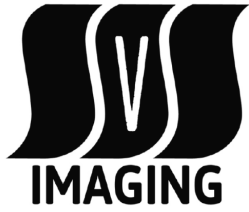
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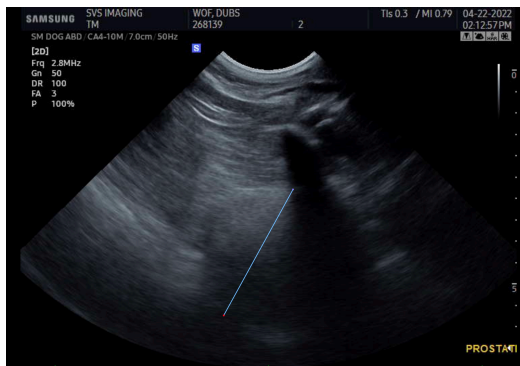
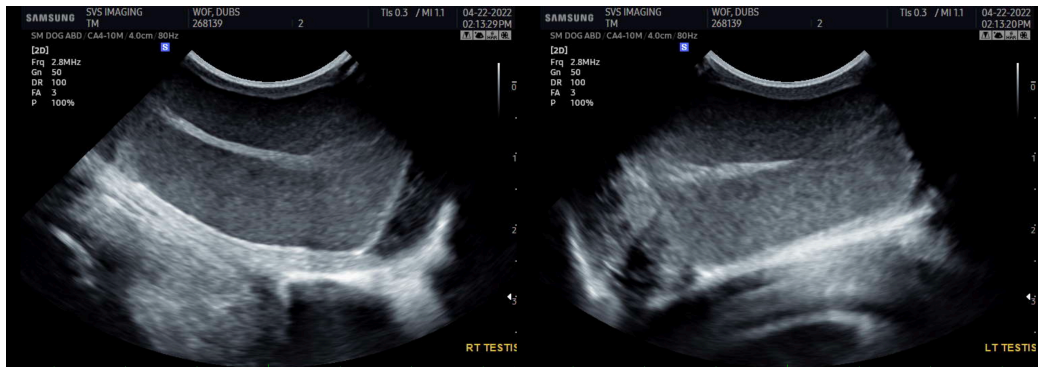
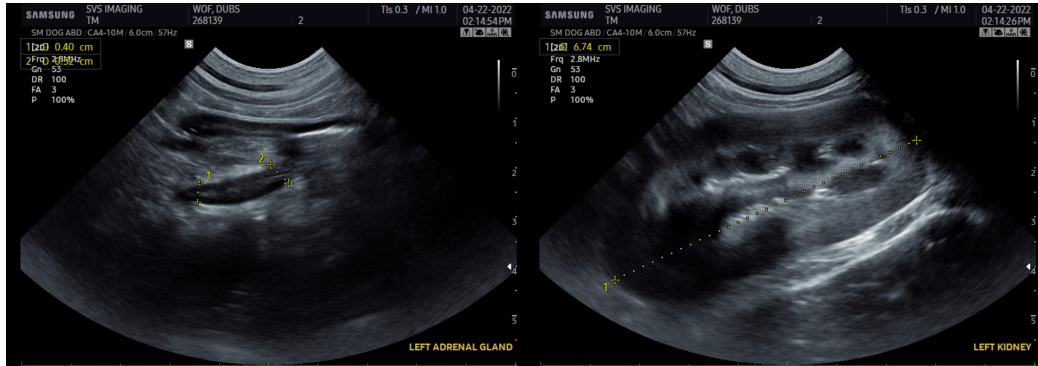
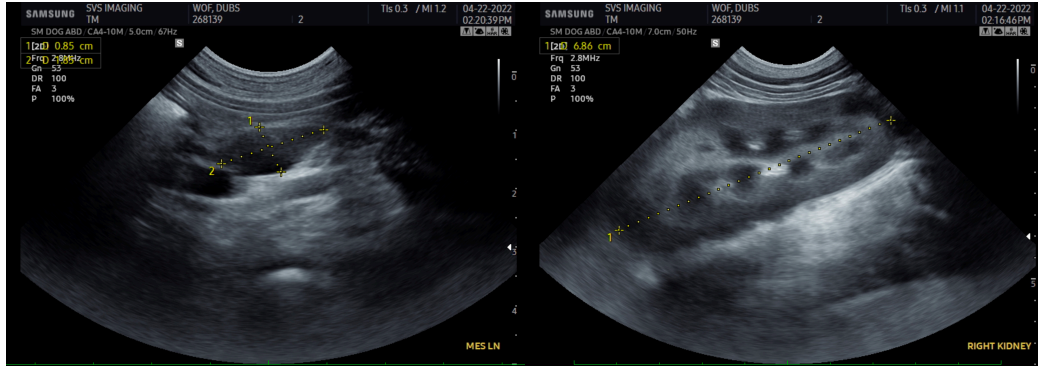
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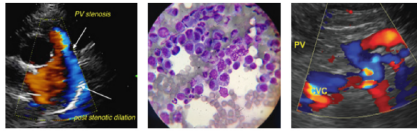
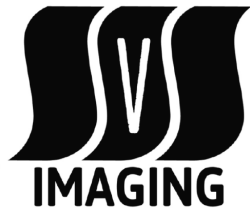
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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