

PATIENT PRESENTING CLINICAL SIGNS

Maggie Weil
Cardiovascular: Grade 3/6 heart murmur, L systolic- NO sedation- MEDS: Denamarin- Asymptomatic for heart disease- doing well- DIET: homemade, chicken and vegetables, no grain.
SPECIES Abnormal PE/Chem/CBC/UA Results: CBC/chem/T4/FT4ED: Platelets=36,000 with macrothrombocytes and clots detected, ALKP=1,173 (H), Crea=0.3 (L), Chol=599 (H), TGs=1,106 (H), PSL=238 (H), rest WNL. 3+ hemolysis and 3+ lipemia detected. Clot and macrothrombocytes consistent with iatrogenic thrombocytopenia and/or congenital macrothrombocythemia. Non fasted sample
Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

King Charles Spaniel
Urinary System

SEX 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. There is no evidence of sediment, cystoliths, polyps or a mass.
Spayed female

Kidneys

AGE The **left** kidney measures 6.49 cm. The capsule is smooth. Its overall architecture, including the definition of the cortico-medullary junction, is preserved. Mild mineralization of the diverticulae and pelvis is present, without signs of nephroliths or pyelectasia. Blood flow is within normal limits. The surrounding mesentery is not hyperechoic.
7 years

WEIGHT The **right** kidney measures 6.46 cm. The capsule is smooth. Its overall architecture, including the definition of the cortico-medullary junction, is preserved. Mild mineralization of the diverticulae and pelvis is present, without signs of nephroliths or pyelectasia. The surrounding mesentery is not hyperechoic.
29 Pounds

INTERPRETED BY **Aortic bifurcation/trifurcation** No abnormalities observed.

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

Adrenal Glands

IMAGING PERFORMED BY The **left** adrenal gland measures 0.61 cm at the cranial pole, 0.68 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.

Loetitia Saint-Jacques, RVT

HOSPITAL NAME The **right** adrenal gland measures 0.60 cm at the cranial pole, 0.54 cm at the caudal pole and 2.44 cm in length. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

Donner Truckee VH

REFERRING VET **Spleen**

Dr. Greg H 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.

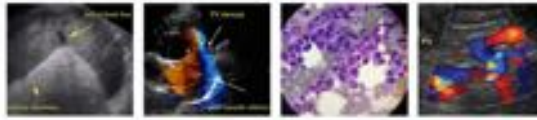
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Liver

DATE

7/8/22



PATIENT

Maggie Weil

Mild hepatomegaly is suspected, however, this is better characterized at the time of the ultrasound or radiographically. The liver's borders are smooth and sharp. It is homogeneous and within normal limits in echogenicity. Focal lesions are not observed and no abnormalities are observed with the hepatic vessels.

SPECIES

Canine

The **gallbladder** (GB) is mildly to moderately dilated. It is filled with a small to moderate amount of free floating, gravity-dependent and inspissated echogenic material (sludge), which has formed nodules. A few mucus strands are also observed. The sludge has also formed nodules, which are adhered to the intramural wall, which is within normal limits in thickness and echogenicity. There is no evidence of fluid or edema surrounding the GB. 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.

BREED

King Charles Spaniel

SEX

Spayed female

Gastrointestinal

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

AGE

7 years

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

WEIGHT

29 Pounds

The colonic wall is not thickened and mural detail is considered normal. Gas is present within the descending colon.

There are no obvious signs of a mass, foreign body, infiltrative disease or an obstruction in the gastrointestinal tract.

INTERPRETED BY

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Pancreas

No abnormalities are observed with the architecture, contours, echogenicity or echotexture of the pancreas. There is no evidence of hyperechogenicity of the surrounding mesentery, i.e., signs of active pancreatitis are not present.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

Other

Lymph nodes No abnormalities are observed

HOSPITAL NAME

Donner Truckee VH

Abdominal effusion is not visualized.

REFERRING VET

Dr. Greg H

ULTRASONOGRAPHIC FINDINGS

- **Gallbladder:** The gallbladder **sludge** is most likely clinically insignificant, however, gastroesophageal reflux disease (GERD), can occur in some patients. Obtaining a history regarding signs of GERD from the client is suggested. There is no evidence of a mucocoele or signs of cholecystitis.

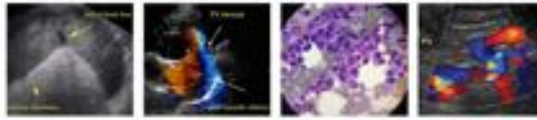
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- **Liver:** No major abnormalities are noted with the liver. Hepatomegaly may be present or may be normal for Maggie. As mentioned above, liver size is better characterized at the time of the ultrasound or, ideally, radiographically.

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PATIENT

Maggie Weil

- **Adrenal glands:** Although the adrenal glands are not enlarged, the caudal pole of the left gland is considered at the high end of the normal reference range for a dog of Maggie's stature. No abnormalities are noted with either gland's architecture, echogenicity or echotexture. Hyperadrenocorticism is unlikely, as Maggie is not demonstrating clinical signs.

SPECIES

Canine

- **Kidneys:** Mild age-related changes are noted.

BREED

King Charles Spaniel

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further diagnostics are not necessary unless there is a history of GERD.

SEX

Spayed female

A sonographic re-evaluation of the gallbladder is suggested in approximately 6 to 8 months to ensure the amount of sludge remains stable.

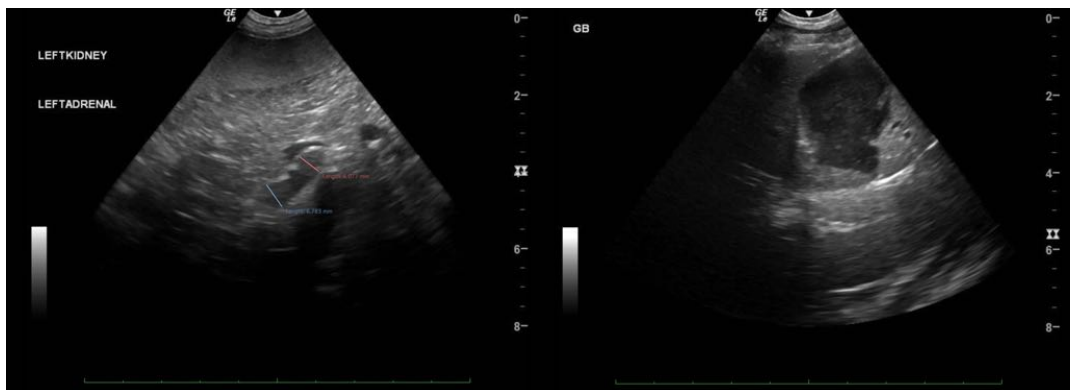
Macrothrombocytosis, based on Maggie's history provided, which does not require treatment.

AGE

7 years

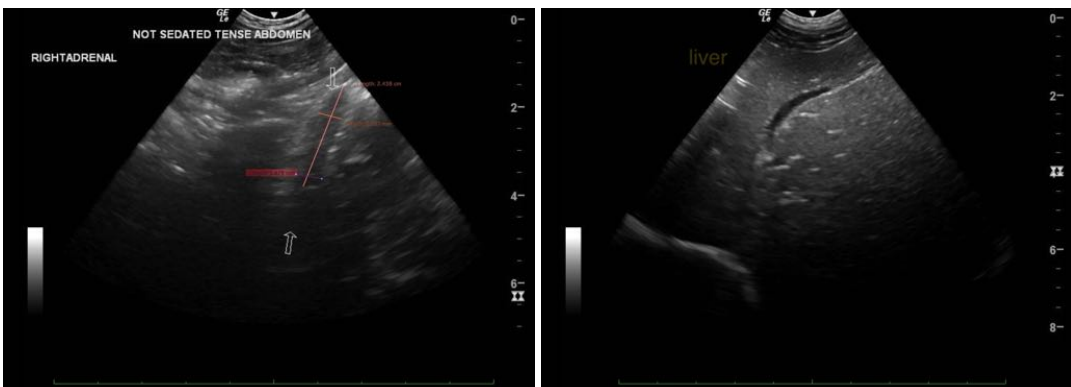
WEIGHT

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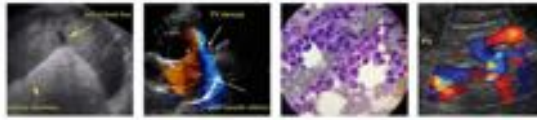
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Spayed female

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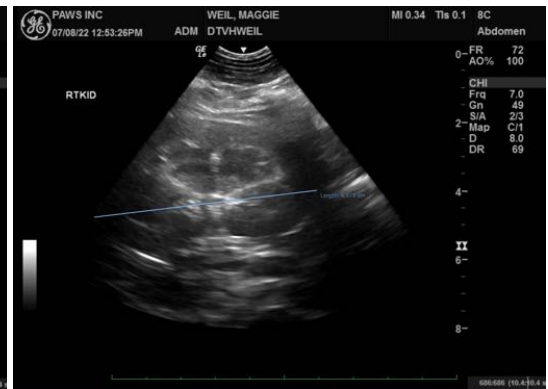
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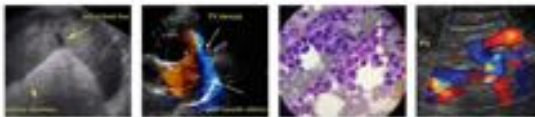


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

Lisa.Carioto@sonopath.com



PATIENT

Maggie Weil

SPECIES

Canine

BREED

King Charles Spaniel

SEX

Spayed female

AGE

7 years

WEIGHT

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