



DATE	PRESENTING CLINICAL SIGNS
5/20/22	Mast Cell Tumor - evaluate for metastasis prior to tumor removal. Current Medications: Dasuquin. Was on Apoquel which was discontinued. Date of Previous IntraPet Ultrasound: No previous.
PATIENT	Sedation: Not required to complete full diagnostic ultrasound. Stat Report: Not requested.
Oscar Weigand	Imaging Performed By: Rachel Brillhart, RDMS.
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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.
Labrador Mix	Kidneys
SEX	The left kidney measures 6.76 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. Blood flow is within normal limits. The surrounding mesentery is not hyperechoic.
Neutered male	The right kidney measures 6.80 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. Blood flow is within normal limits. The surrounding mesentery is not hyperechoic.
AGE	
2/9/19	
WEIGHT	Aortic bifurcation/trifurcation
62.6 lbs	No abnormalities observed.
INTERPRETED BY	Adrenal Glands
Lisa Carioto, DVM, DVSc, Diplomate ACVIM	The left adrenal gland measures 0.57 cm at the cranial pole, 0.51 cm at the caudal pole and 2.66 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.
HOSPITAL NAME	The right adrenal gland measures 0.50 cm at the cranial pole, 0.55 cm at the caudal pole and 1.99 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.
Festival VC	
REFERRING VET	Spleen
Dr. Davies	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.
INVOICE	Liver
30546	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 mildly prominent. Perivascular cuffing of some of the larger blood vessels is present which is attributed to the deposition of fat. No abnormalities are observed with the hepatic vessels visualized.
	The gallbladder wall is within normal limits in thickness and echogenicity. A small amount of echogenic material is present within 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.

Gastrointestinal

Ingesta 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.

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

Pancreas

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

Other

Lymph nodes

No abnormalities are observed

Abdominal effusion is not visualized.

Heart

A brief video clip of the heart was submitted. Pericardial and pleural effusion are not identified. A mass is not observed on evaluation of the cardiac chambers, however, a mass may be overlooked in the absence of pericardial effusion.

No obvious abnormalities with contractility (measurements not performed).

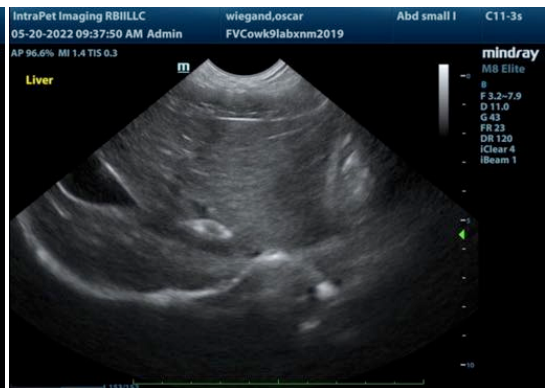
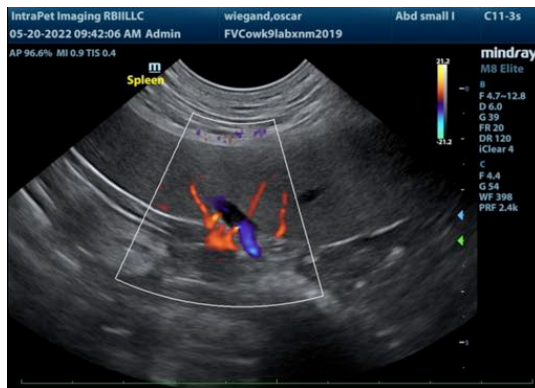
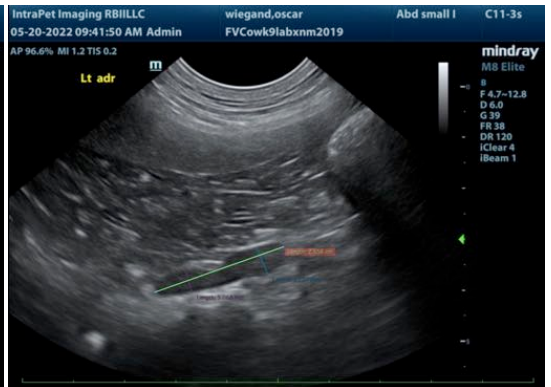
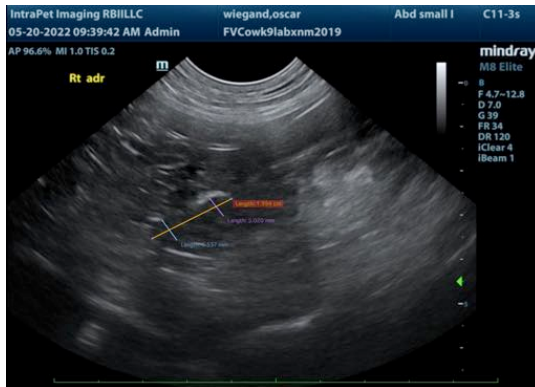
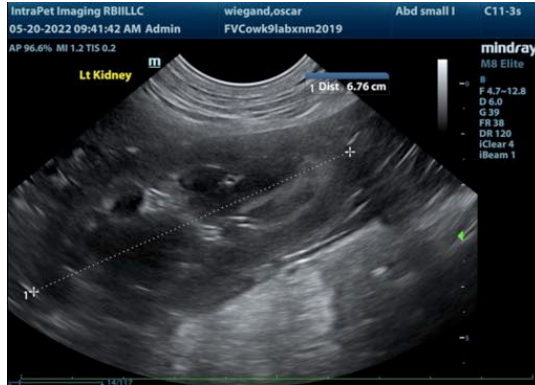
ULTRASONOGRAPHIC FINDINGS

- There is no macroscopic evidence of neoplasia on Oscar's abdominal ultrasound, or the videoclip of his heart. However, fine needle aspirates of the spleen and liver would be required to exclude mastocytoma with certainty.
- Small amount of gallbladder sludge; most likely clinically insignificant, however, gastroesophageal reflux disease (GERD), may occur in some patients. Obtaining a history regarding signs of GERD from the client is suggested.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Thoracic radiographs are suggested to evaluate the sternal lymph nodes.

There are no obvious signs of mastocytome on today's abdominal ultrasound study.





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.

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