



**PATIENT PRESENTING CLINICAL SIGNS**

**Guinness Macdonald** On 3/20/23 Guinness started to vomit on/off and lost his appetite. On 3/22/23 he was brought to his primary DVM where bloodwork, radiographs, and an abdominal ultrasound was performed. On BW the WBC was increased, ALP was increased but this is a chronic change according to the owner, and the pancreatic enzymes were increased. Owner is unsure if thoracic radiographs were performed. Abdominal ultrasound showed concern for a cranial abdominal mass and a left adrenal gland mass.

**Canine** Patient continues to not eat, is drinking water but appears to regurgitate/vomit afterwards. Owner originally made an appointment with Dr. Infernuso for a consultation in the beginning of April but is concerned that is too far away. Previous splenectomy and ulcerated lipoma removal last year.

**BREED COMPUTED TOMOGRAPHY OF THE ABDOMEN**

**Plott Hound** A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Regarding the anatomy, electronic imaging markers are flipped, R is indicating the left side of the patient and vice versa.

**MN**

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. In the cranioventral aspect of the peritoneal cavity, an irregular roundish, uniform soft tissue attenuating and mild irregular contrast enhancing mass is seen, measuring 5.0 x 4.1 x 4.6 cm in size.

**AGE**

10 Years

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The left adrenal gland is enlarged, measuring 18 mm in diameter and presenting a heterogeneous contrast enhancing pattern. The left phrenicoabdominal vein is dilated, measuring up to 17 mm in diameter – can be seen up to the caudal vena cava and up to the level of the ventral aspect of the left hypaxial musculature. The caudal vena cava presents an abrupt increased diameter level with the orifice of the left phrenicoabdominal vein with an intraluminal heterogeneous filling defect within the entire prehepatic segment.

**HOSPITAL NAME**

Animal Surgical  
Center

The right adrenal gland is normal in size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**REFERRING VET**

Grady Animal  
Hospital

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**INVOICE**

The bony and surrounding soft tissue structures reveal no abnormalities.

57462

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Left adrenal mass with vascular invasion – phrenicoabdominal vein and entire pre-hepatic segment of the caudal vena cava
- Peritoneal soft tissue mass cranioventral abdomen

**DATE**

3-27-23



**PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Guinness Macdonald

The CT study is confirming the diagnosis of a left adrenal mass – major parts of the left adrenal mass appear to be located within the local venous vasculature that is significantly dilated. The top differentials are adenocarcinoma or pheochromocytoma. Recommend discussing the chances of surgical options with surgeon.

**SPECIES**

Canine

The peritoneal soft tissue mass is not specific and appears to be isolated within the mesentery. Potentials can include neoplasia (e.g. metastasis, mesothelioma, hemangiosarcoma), benign granuloma or lymphadenopathy – complete surgical excision is considered feasible.

**BREED**

Plott Hound

**SEX**

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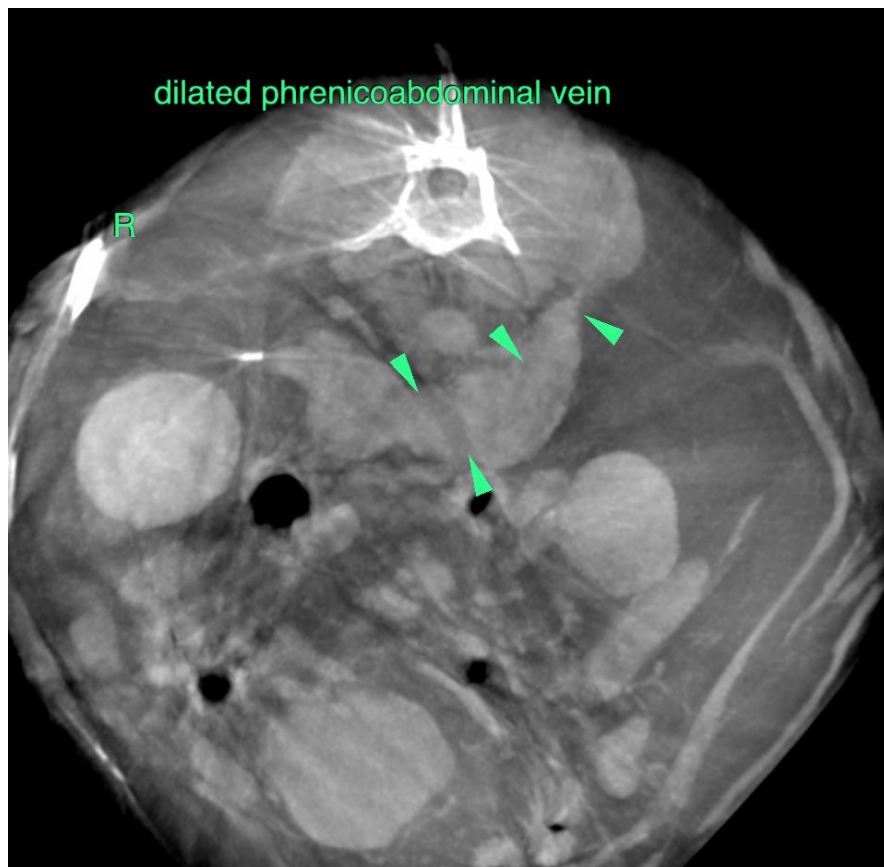
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**PATIENT**

Guinness Macdonald

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**SPECIES**

Canine

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.

**BREED**

Plott Hound

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**SEX**

MN

**AGE**

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