



**PATIENT PRESENTING CLINICAL SIGNS**

Charlie Dahlgren History: History: Patient presented to emergency clinic on 4/31/22 after becoming suddenly lethargic. Pericardial effusion was identified and 50cc were removed. CBC/Chem wnl with exception of mild ALT elevation (197). PT/PTT mildly elevated. No other medical history Medications: heartworm and flea/tick prevention

**SPECIES**

Canine

**BREED**

Bull Mastiff

**SEX**

Female, spayed

**AGE**

8 Years

**WEIGHT**

42.5 Pounds

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. The region of the trigone is normal.

The left kidney is normal size (7.27 cm in length) with a slightly irregular shape. A 4.79 cm cortical cyst is observed at the caudomedial aspect. The cyst causes effacement of some of the normal renal architecture. In the remainder of the kidney there is a normal 1:3 cortex to medulla ratio and minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

The right kidney is normal size (7.16 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

*Adrenal Glands*

The left adrenal gland is normal size (0.64 cm at cranial pole) (0.74 cm at caudal pole) (2.89 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.88 cm at the cranial pole) (0.60 cm at caudal pole) (3.23 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**IMAGING PERFORMED BY**

Loetitia Saint-Jacques, RVT

**HOSPITAL NAME**

*Spleen*

Dr. Grace Dahlgren

The spleen is normal in size (2.33 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

**REFERRING VET**

Dr. Grace Dahlgren

*Liver*

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

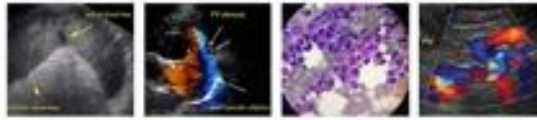
**INVOICE**

13293

**DATE**

5/2/22

*Gastrointestinal*



**PATIENT**

Charlie Dahlgren

The gastric lumen is moderately distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

**SPECIES**

Canine

***Pancreas***

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

**BREED**

Bull Mastiff

***Free Abdomen***

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

**SEX**

Female, spayed

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

8 Years

Large left renal cortical cyst. The abdomen is otherwise unremarkable. There is no obvious evidence of neoplasia in the abdomen.

**WEIGHT**

42.5 Pounds

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Further recommendations should be based on the echocardiogram report.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
 Diplomate ACVIM  
 (Small Animal Internal  
 Medicine)

**IMAGING PERFORMED BY**

Loetitia Saint-Jacques, RVT

**HOSPITAL NAME**

Dr. Grace Dahlgren

**REFERRING VET**

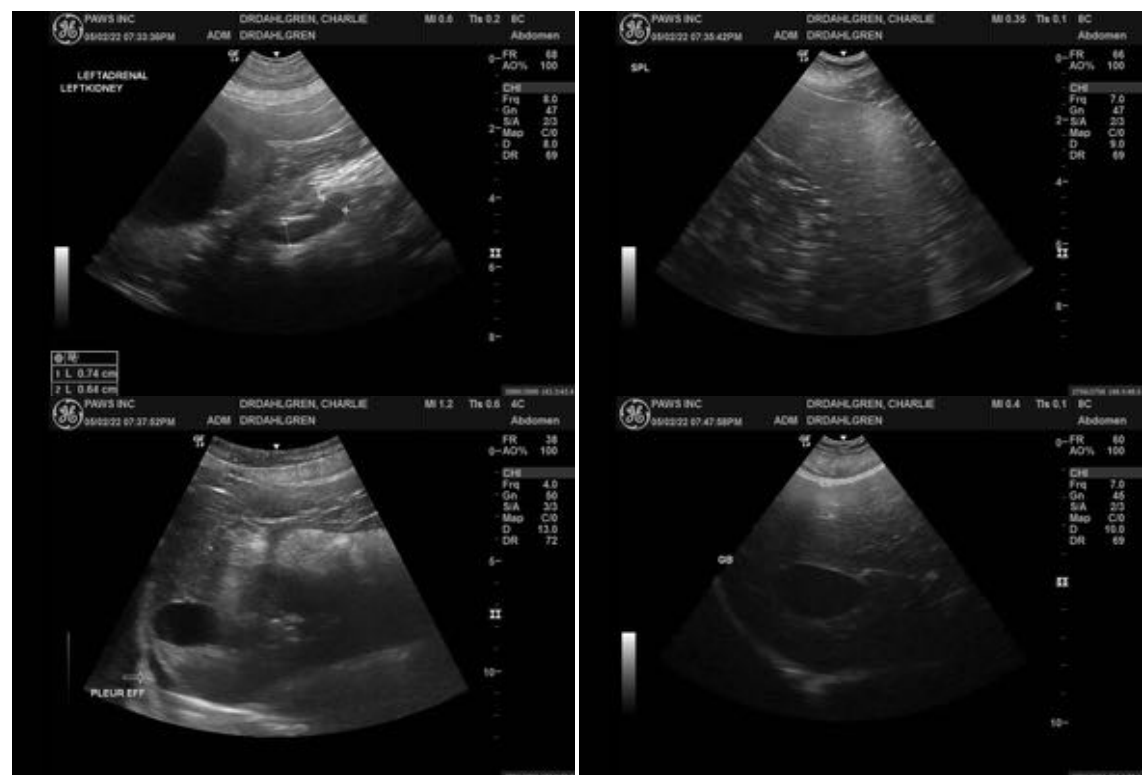
Dr. Grace Dahlgren

**INVOICE**

13293

**DATE**

5/2/22





**PATIENT**

Charlie Dahlgren

**SPECIES**

Canine

**BREED**

Bull Mastiff

**SEX**

Female, spayed

**AGE**

8 Years

**WEIGHT**

42.5 Pounds

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**IMAGING PERFORMED BY**

Loetitia Saint-Jacques, RVT

**HOSPITAL NAME**

Dr. Grace Dahlgren

**REFERRING VET**

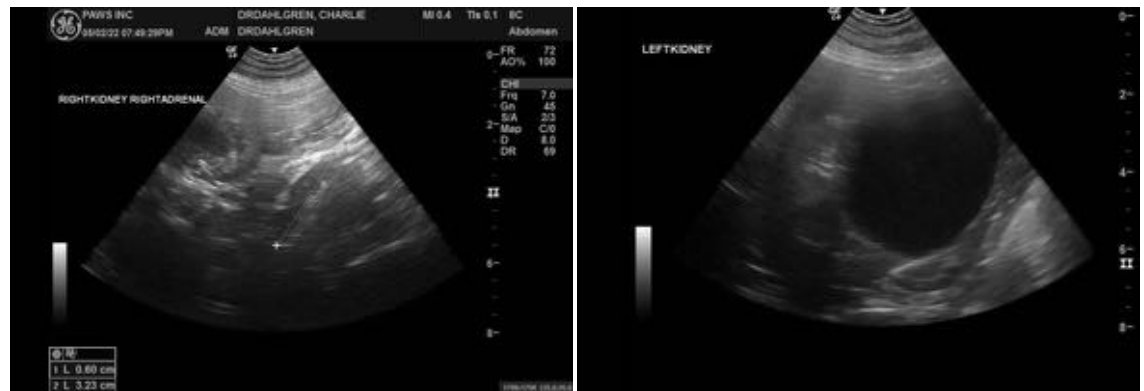
Dr. Grace Dahlgren

**INVOICE**

13293

**DATE**

5/2/22



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.

Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)

[andrea.nicastro@sonopath.com](mailto:andrea.nicastro@sonopath.com)