

**PATIENT PRESENTING CLINICAL SIGNS**

Dozer Canty ALP approx. 1100, mild ALT elevation. Has been head-pressing since yesterday. Difficulty walking. Anisocoria on examination and patient appears depressed +/- obtunded.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

*Urinary System*

American Bulldog

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

**SEX**

Male, neutered

The prostate is normal in size (0.94 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

**AGE**

7.5 Yrs.

The left kidney is normal size (7.97 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. Renal vasculature is normal.

**WEIGHT**

115.4 lbs.

The right kidney is normal size (8.95 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. Renal vasculature is normal.

**INTERPRETED BY**

*Adrenal Glands*

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

The left adrenal gland is mildly enlarged (0.95 cm at cranial pole) (1.06 cm at caudal pole); 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.

**IMAGING PERFORMED BY**

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

The right adrenal gland is mildly enlarged (1.52 cm at cranial pole) (0.92 cm at caudal pole); 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.

**HOSPITAL NAME**

Park WEst

*Spleen*

The spleen is normal in size (1.56 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. Decker

*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. A small to moderate amount of mostly gravity-dependent echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

**INVOICE**

15088

**DATE**

6/27/23

*Gastrointestinal*



**PATIENT**

Dozer Canty

**SPECIES**

Canine

**BREED**

American Bulldog

**SEX**

Male, neutered

**AGE**

7.5 Yrs.

**WEIGHT**

115.4 lbs.

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

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

**HOSPITAL NAME**

Park WEst

**REFERRING VET**

Dr. Decker

**INVOICE**

15088

**DATE**

6/27/23

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is minimally distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme. 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.

***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.

***Free Abdomen***

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

***Other***

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass. There is no obvious evidence of pleural effusion in the visible window.

**ULTRASONOGRAPHIC FINDINGS**

Mild bilateral adrenomegaly is present. This finding, in conjunction with the patient's clinical history, is consistent with pituitary-dependent hyperadrenocorticism. The remainder of the abdomen is unremarkable.

Considerations for the neurologic signs include a pituitary macroadenoma or other brain tumor, cerebral vascular accident, infectious/inflammatory brain disease, metabolic disease, other.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Based on the patient's abnormal neurologic examination, consider the following:

1. Baseline blood pressure measurement to assess for systemic hypertension
2. T4/free T4 by equilibrium dialysis
3. Three-view thoracic radiographs to assess cardiopulmonary status
4. Resting or random serum bile acid +/- blood ammonia level to evaluate hepatic function
5. Ultimately, a neurologic consultation +/- MRI/CSF tap may be indicated.



**PATIENT**

Dozer Canty

**SPECIES**

Canine

**BREED**

American Bulldog

**SEX**

Male, neutered

**AGE**

7.5 Yrs.

**WEIGHT**

115.4 lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

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

**HOSPITAL NAME**

Park West

**REFERRING VET**

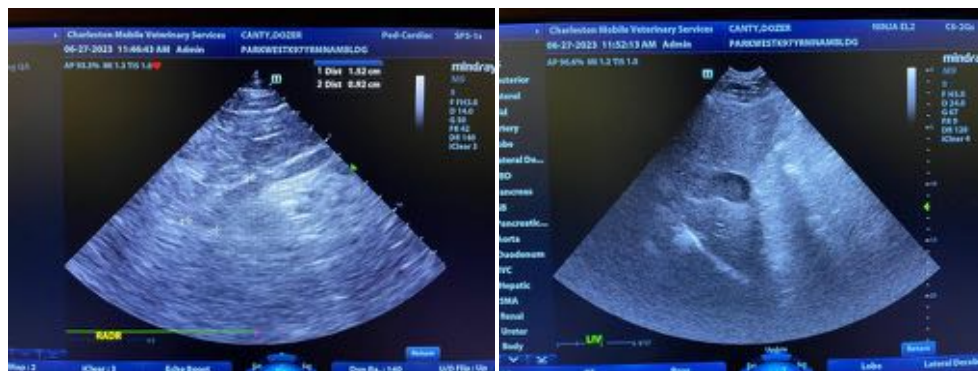
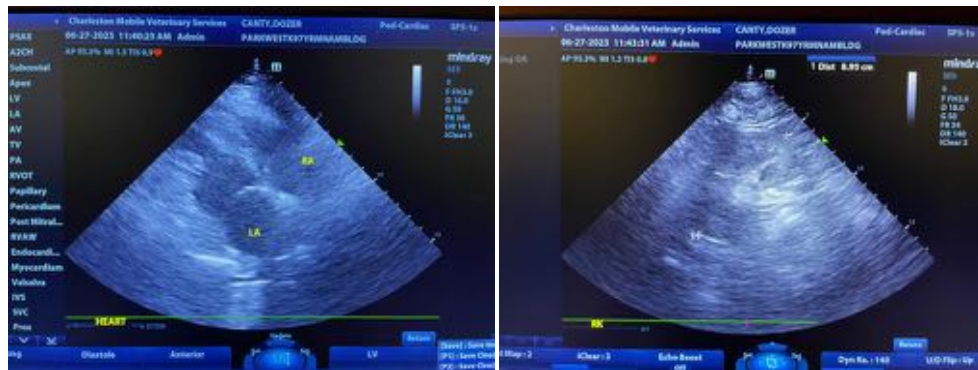
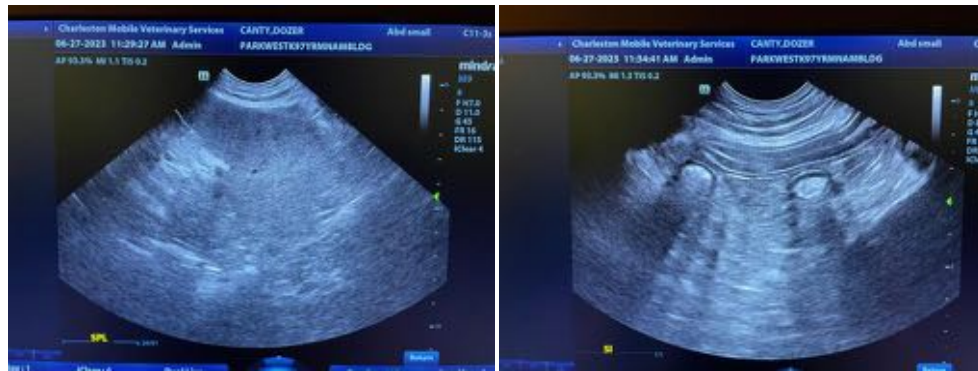
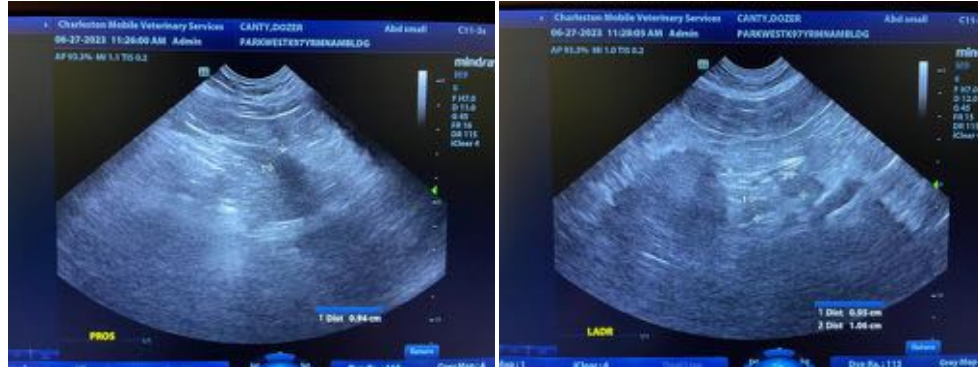
Dr. Decker

**INVOICE**

15088

**DATE**

6/27/23





**PATIENT**

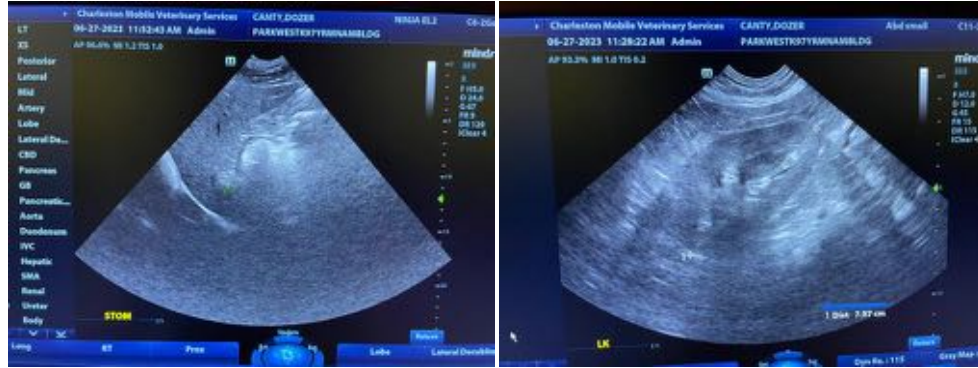
Dozer Canty

**SPECIES**

Canine

**BREED**

American Bulldog



**SEX**

Male, neutered

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.

**AGE**

7.5 Yrs.

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.

**WEIGHT**

115.4 lbs.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
[info@SonoPath.com](mailto:info@SonoPath.com)

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

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

**HOSPITAL NAME**

Park WEst

**REFERRING VET**

Dr. Decker

**INVOICE**

15088

**DATE**

6/27/23