



**PATIENT PRESENTING CLINICAL SIGNS**

Bleu Scott  
- Azotemia  
- ALP elevation

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

**BREED**

Great Dane

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

**SEX**

Male, neutered

The prostate is not definitively visualized due to its pelvic location.

**AGE**

8/27/2017

The left kidney is normal size (9.30 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**WEIGHT**

172

The right kidney is normal size (8.64 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**INTERPRETED BY**

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

*Adrenal Glands*

The left adrenal gland is normal size (0.75 cm at cranial pole) (0.70 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**

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The right adrenal gland is normal size (0.73 cm at cranial pole) (0.76 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.

*Spleen*

The spleen is normal in size (2.22 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.

**HOSPITAL NAME**

Flowertown

*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 portal vein to caudal vena cava ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of aggregated echogenic gravity-dependent debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

**REFERRING VET**

Dr. Kline

**INVOICE**

15152

**DATE**

8/1/23



**PATIENT** *Gastrointestinal*

Bleu Scott The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. 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 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

**BREED**

Great Dane

*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.

**SEX**

Male, neutered

*Free Abdomen*

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

**AGE**

8/27/2017

*Other*

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

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**ULTRASONOGRAPHIC FINDINGS**

Unremarkable abdomen. An obvious cause for the elevated creatinine, mild hypoalbuminemia and mild hyperglobulinemia is not identified in this study. Considerations include hypoadrenocorticism or early renal disease +/- protein losing nephropathy.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- A urinalysis with culture and sensitivity is recommended +/- a UPC (if proteinuria is present in the absence of infection).
- A resting cortisol level is also recommended to screen for hypoadrenocorticism.
- A baseline blood pressure measurement should also be considered.
- Depending on the results of the above diagnostics, further diagnostic/treatment for protein losing nephropathy may be warranted.

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**PATIENT**

Bleu Scott

**SPECIES**

Canine

**BREED**

Great Dane

**SEX**

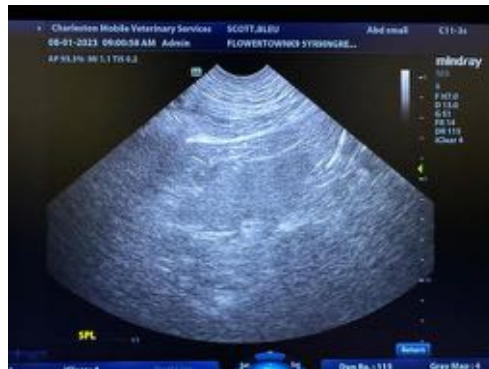
Male, neutered

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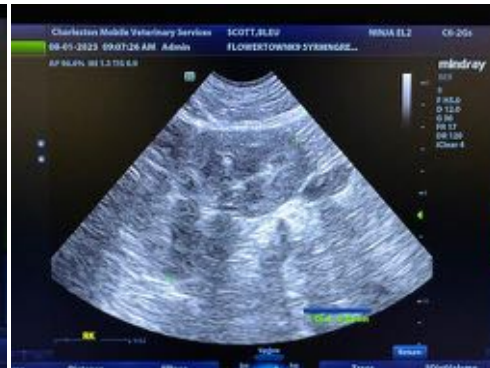


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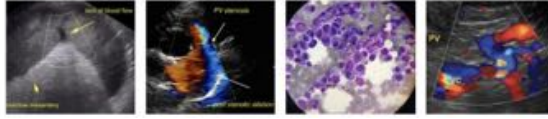
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**PATIENT**

Bleu Scott

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.

**SPECIES**

Canine

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.

**BREED**

Great Dane

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**SEX**

Male, neutered

**AGE**

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