



**PATIENT**

Charlie Ault

**PRESENTING CLINICAL SIGNS**

Patient presented for increased vomiting

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: CBC:wnl Chem: Creat 1.9,BUN 32 SDMA/T4: wnl u/a: usg 1.012, protein trace, bacteria/wbc neg

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

Pitbull

**Urinary System**

Full urinary bladder with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

**SEX**

FS

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

**AGE**

5yr

Normal renal size, with increased echogenic appearance, loss of corticomedullary differentiation. Normal pelvis and an irregular capsule. No infarcts, mineralization or renoliths evident. Decreased blood flow pattern in both kidneys.

**WEIGHT**

71.4

The left kidney measured 6.2 cm in length.

The right kidney measured 6.1 cm in length.

Reproductive system NA.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD,  
Dipl. ECVIM

**Adrenal Glands**

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-renal vasculature.

The left adrenal gland measured 0.74 cm and 0.62 cm in width.

The right adrenal gland measured 0.82 cm and 0.53 cm in width.

**IMAGING PERFORMED BY**

Griffin

**Spleen**

Normal size (2.0 cm in width) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

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**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

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**Gallbladder**

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Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

**DATE**

05/08/2026

**Gastrointestinal**



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Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

## *Pancreas*

## SPECIES

Canine

The visible sections of the pancreas were normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

## *Free Abdomen*

## BREED

Pitbull

Normal mesenteric lymph nodes.

No ascites evident.

## SEX

FS

## ULTRASONOGRAPHIC FINDINGS

- Renal disease

## AGE

5yr

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the kidneys would be consistent with chronic kidney disease, with possible etiologies being previous acute kidney injury, bacterial nephritis, hypertensive nephropathy or a congenital anomaly. Further assessment would be UPC and BP. Renal biopsy would be required for a final etiological diagnosis, however this won't change the management of the patient.

## WEIGHT

71.4

Management of the renal disease would be feeding a renal diet, enteric phosphate binders as needed and possibly either an ACE inhibitor or receptor blocker.

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**SPECIES**

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**BREED**

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**SEX**

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**AGE**

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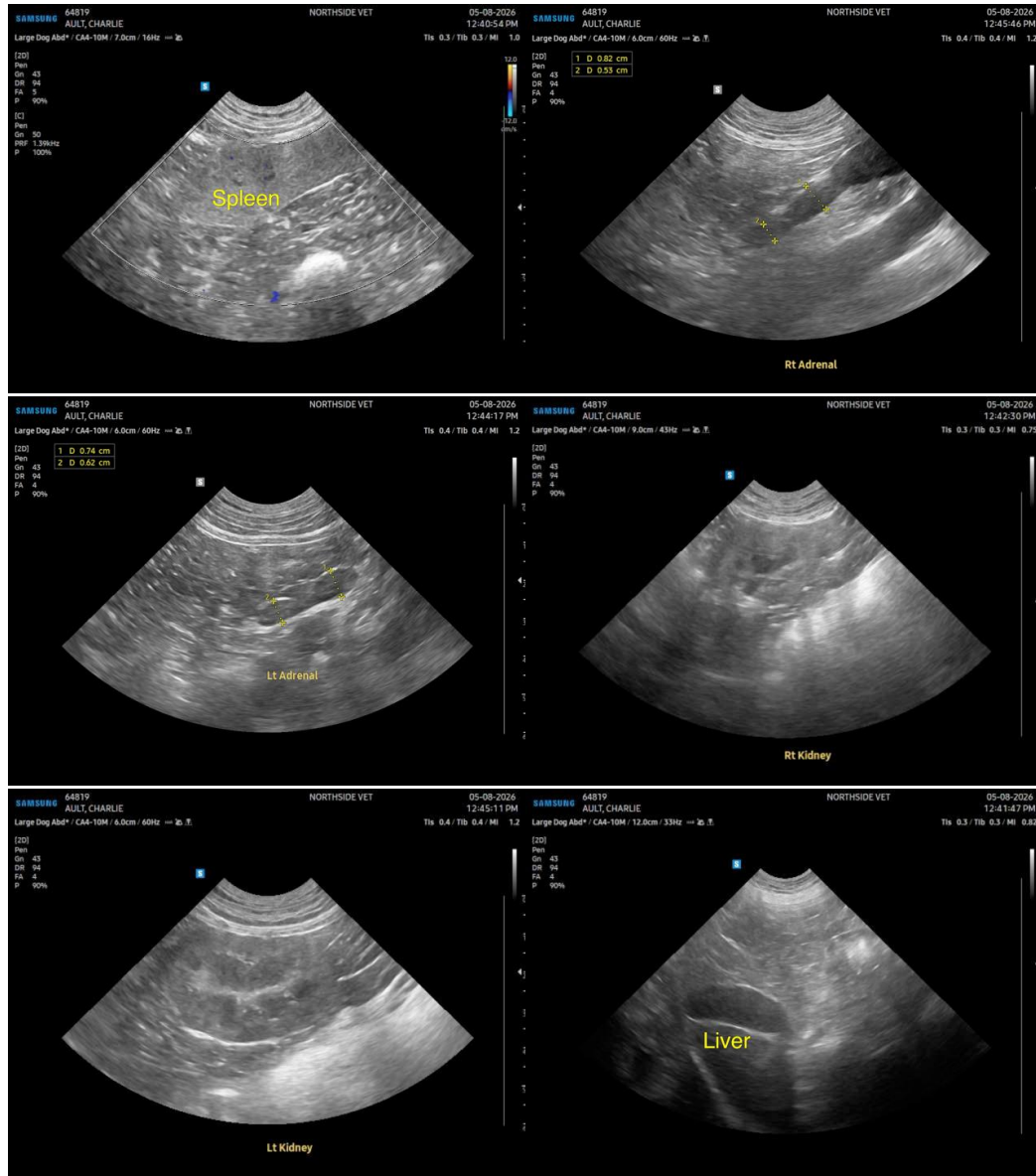
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)



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[info@sonopath.com](mailto:info@sonopath.com)

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Canine

**BREED**

Pitbull

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**AGE**

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