

**PATIENT**

Joey Salazar

**PRESENTING CLINICAL SIGNS**

Presented as a transfer for azotemia. P is losing weight, inappetence. P is NOT vaccinated for Leptospirosis.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The urine is anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone is normal.

**BREED**

Chihuahua/Dachshund  
mix

The left kidney is normal size (4.62 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. Trace pyelectasia is present (0.16 cm in the transverse plane). There is no evidence of nephroliths, infarcts or hydroureter.

**SEX**

Female

The right kidney is normal size (4.60 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. Trace pyelectasia is present (0.19 cm in the transverse plane). There is no evidence of nephroliths, infarcts or hydroureter.

**AGE**

1 Yr.

**WEIGHT**

3.7 lbs.

*Adrenal Glands*

The left adrenal gland is normal size (0.31 cm at cranial pole) (0.41 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.

**INTERPRETED BY**

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

The right adrenal gland is normal size (0.88 cm at cranial pole) (0.47 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**

Dr. Carver

*Spleen*

The spleen is normal in size (0.73 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**

Animal Emergency  
Hospital of Volusia

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

**REFERRING VET**

Dr. Carver

*Gastrointestinal*

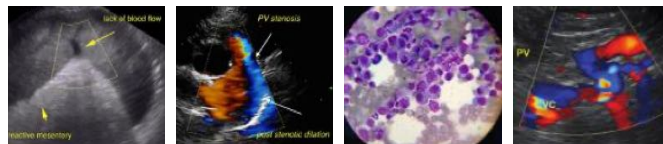
The gastric lumen is mildly distended with ingesta and gas. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is

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normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

Joey Salazar

**Pancreas**

**SPECIES**

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.

Canine

**BREED**

**Free Abdomen**

Trace free fluid is observed. The abdominal lymph nodes are normal/not visible.

Chihuahua/Dachshund mix

**SEX**

**ULTRASONOGRAPHIC FINDINGS**

Female

- The trace pyelectasia may be secondary to fluid therapy (if applicable), pyelonephritis or some combination thereof.

**AGE**

- Trace ascites

1 Yr.

**WEIGHT**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

3.7 lbs.

- Further testing for Leptospirosis (i.e., blood and urine PCR) can be considered to confirm the diagnosis.
- A baseline blood pressure measurement is recommended to evaluate for systemic hypertension.
- Symptomatic care, including IV fluid diuresis, antibiotics (amoxicillin clavulanic acid), etc., is recommended with serial monitoring of the patient's kidney and liver values to assess for progression of disease.

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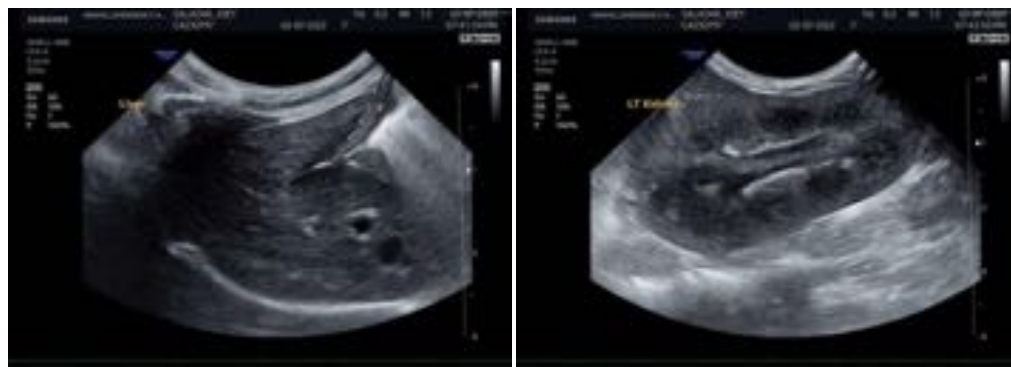
Dr. Carver

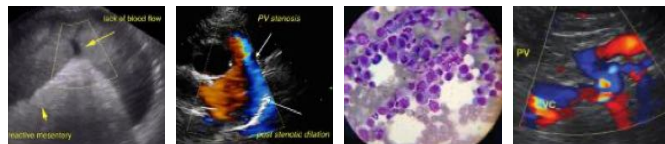
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**SEX**

Female

**AGE**

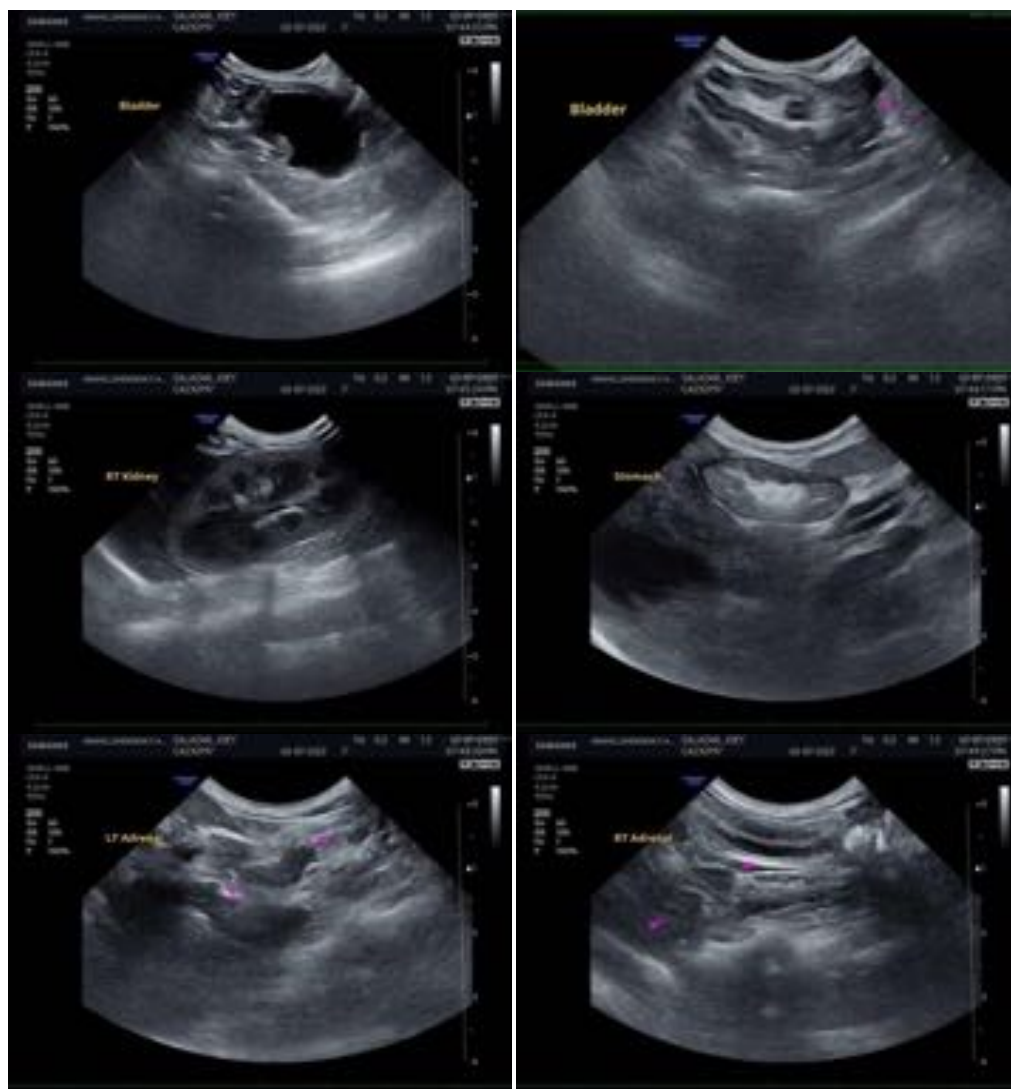
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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