

**PATIENT PRESENTING CLINICAL SIGNS**

**Stella Beam** History: developed aspiration pneumonia 7-10 days ago after vomiting. Pneumonia is getting worse. Rounded spleen edges on abdominal radiographs. Is eating and drinking well.

**SPECIES**

Canine

8/16/2023 bloodwork: leukocytosis with a neutrophilia.

**BREED**

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

German Shepherd

**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 and visible portion of the proximal urethra are normal.

**SEX**

Female Spayed

**AGE**

3 years

The left kidney is normal in size (6.94 cm in length) with a normal shape, architecture and 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 hydronephrosis. Renal vasculature appears normal.

**WEIGHT**

NP

The right kidney is normal in size (6.91 cm in length) with a normal shape, architecture and 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 hydronephrosis. Renal vasculature appears normal.

**INTERPRETED BY**

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

**Adrenal Glands**

The left adrenal gland is normal in size (0.36 cm at cranial pole) (0.30 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature appear normal.

**IMAGING PERFORMED BY**

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The right adrenal gland is in normal size (0.66 cm at cranial pole) (0.51 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature appear normal.

**HOSPITAL NAME**

Central Vet  
Summerville

**Spleen**

The spleen is normal in size (1.71 cm in width at the level of the hilus) with a curled conformation. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature appears normal.

**REFERRING VET**

Chad Reynolds

**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.

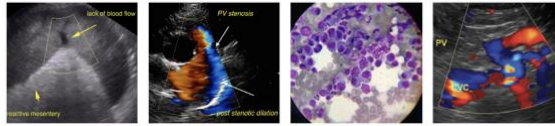
**INVOICE**

14213

The gall bladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal/not seen.

**DATE**

8.24.23



**PATIENT** *Gastrointestinal*

Stella Beam

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The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly to moderately 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 is normal in thickness 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.

**Pancreas**

The pancreas is normal in size with normal peripheral contours. The pancreatic duct is normal. The base and limbs of the pancreas are isoechoic to surrounding omental fat. No focal lesions are observed. There is no evidence of peripancreatic inflammation or effusion.

**Free Abdomen**

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A 1.76 x 1.49 cm medial iliac lymph node is visualized. The node is normal in shape and echogenicity.

**Other**

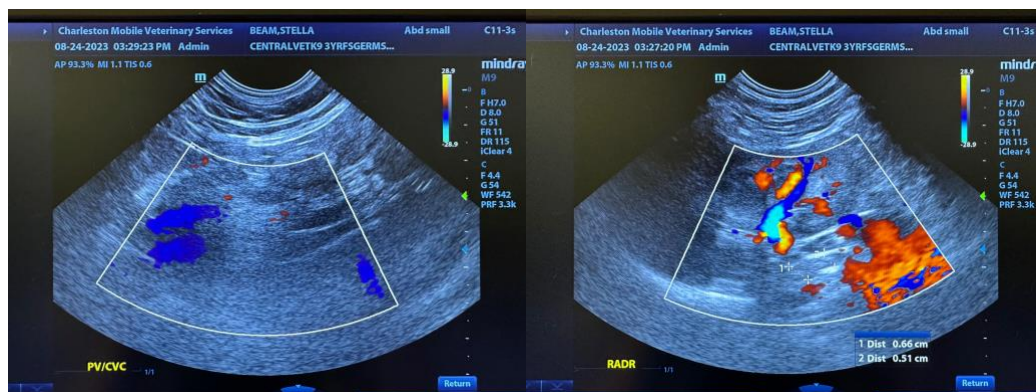
A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

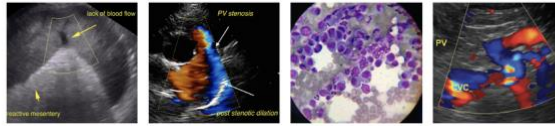
**ULTRASONOGRAPHIC FINDINGS**

- Unremarkable abdomen

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Regarding the aspiration pneumonia, consider initiation of doxycycline along with enrofloxacin. Re-check thoracic radiographs in 5-7 days or sooner, if the patient decompensates.
- A respiratory PCR panel should also be considered to further evaluate for further various infectious diseases.





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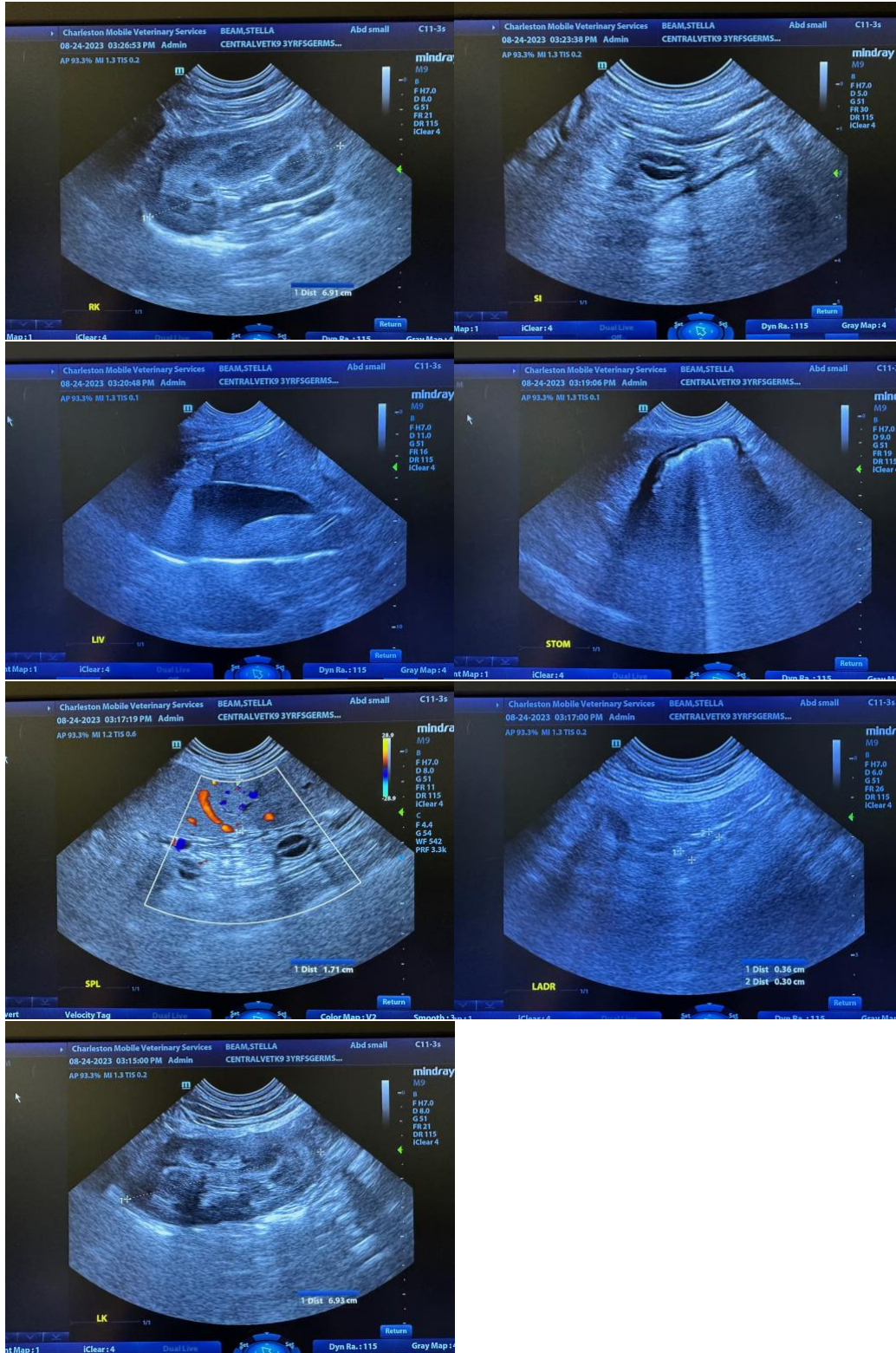
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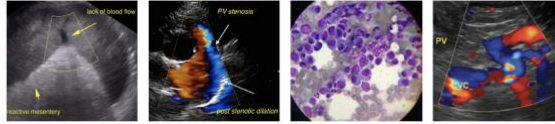
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)**  
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