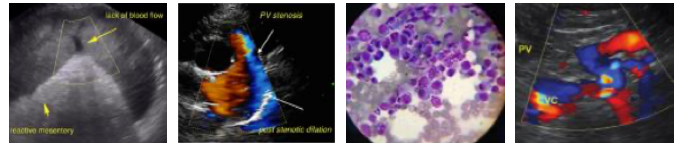


<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Bella Corey	History: Presented for suspected gallbladder disease. Hx of osteosarcoma on R shoulder. O notice more pain in last 2 days.
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b> The urinary bladder mucosa, trigone, and visible urethra are normal in thickness and there is no evidence of mucosal irregularities. The bladder lumen is mildly distended with anechoic urine and bladder thickness is considered normal for volume of urine.
<b>BREED</b>	
Chihuahua Mix	The left kidney is smaller in size (with a slightly irregular shape along the contour consistent with prior renal infarcts) and architecture with smooth peripheral margins and measures 3.57 cm. There is moderately decreased corticomedullary distinction and the echogenicity overall is hyperechoic. There is no evidence of pyelectasia, nephroliths or hydroureter.
<b>SEX</b>	
Female Spayed	The right kidney is normal in size, shape and architecture with only very slightly irregular peripheral margins and measures 4.00 cm. There is moderate decrease in corticomedullary distinction and overall the cortex is hyperechoic. There is no evidence of pyelectasia, nephroliths or hydroureter.
<b>AGE</b>	<b>Adrenal Glands</b> The left adrenal gland is normal in size (though it measures at the low end) with both the cranial and caudal pole measuring 0.30 cm. The left adrenal gland has normal shape and it is normal in appearance and echogenicity.
<b>WEIGHT</b>	The right adrenal gland is enlarged (0.86 cm) and has a more bulbous appearance. The right adrenal gland has normal shape and it is normal in appearance and echogenicity.
10.4 lbs	
<b>INTERPRETED BY</b>	<b>Spleen</b> The splenic echotexture is homogeneous with parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule is smooth with no irregularities. The splenic vasculature is normal without signs of congestion or thrombosis.
Jessica Midence, DVM, DACVIM (SAIM)	
<b>IMAGING PERFORMED BY</b>	<b>Liver</b> The liver is subjectively enlarged with normal contours, structure, with smooth peripheral margins. The echogenicity appears hyperechoic with slightly decreased portal markings. No overt evidence of inflammatory, infiltrative or regenerative pathology is evident. The visible portions of the vasculature and biliary tract appear normal. No pathological hepatic lymphadenopathy observed.
Adrienne Waffle	
<b>HOSPITAL NAME</b>	The gallbladder lumen is moderately distended. The wall is a normal thickness and smooth. There is organized echogenic bile that has a centrally stellate pattern. The cystic and common bile ducts are normal/not visible.
Torch Lake VC	
<b>REFERRING VET</b>	<b>Gastrointestinal Tract</b> The gastric lumen contains a moderate volume of ingesta. The stomach wall is of normal wall thickness with some variability due to rugal folds. There is normal gastric wall layering.
Kim Raddatz	The visualized areas of duodenum, jejunum and ileum appear normal in thickness. The duodenum is normal with distinct wall layering. The remainder of the small intestines are normal with normal wall layering. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. No focal lesions observed.
<b>INVOICE</b>	
12505	The sections of colon are visualized with formed fecal material and gas shadowing distally.
<b>DATE</b>	
3.24.23	



**PATIENT**

Bella Corey

**Pancreas**

The area of the pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid. The visible pancreatic duct was normal.

**SPECIES**

Canine

**Peritoneum**

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The omentum is of normal uniform echogenicity.

**BREED**

Chihuahua Mix

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

**SEX**

Female Spayed

- Insipient gall bladder mucocele
- Right adrenomegaly with smaller left adrenal gland

**AGE**

15 years

**Secondary Findings**

- Moderate chronic degenerative changes
- Hyperechoic hepatomegaly

**WEIGHT**

10.4 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is a forming gall bladder mucocele that is already organized. Consider higher dose Ursodiol in an attempt to resolve (e.g., 10-15 mg/kg BID).

**INTERPRETED BY**

Jessica Midence,  
DVM, DACVIM  
(SAIM)

The right adrenal gland measures large, although this could be the cranial pole, which in some dogs has a thicker, more arrowhead shape. The left adrenal gland is at the lower end of the reference range. Adrenal gland hyperfunction (atypical or typical) could be a contributing factor to the appearance of the liver and formation of a mucocele. If there are symptoms of Cushing's, then testing could be considered. If not, then these changes may be incidental, and the changes to the liver are likely vacuolar hepatopathy. But monitoring of the right adrenal gland with a repeat ultrasound could be considered in the future.

**IMAGING PERFORMED BY**

Adrienne Waffle

There are moderate regenerative changes to the kidney. Consider urinalysis, routine monitoring of renal values, and/or an early renal diet.

**HOSPITAL NAME**

Torch Lake VC

**REFERRING VET**

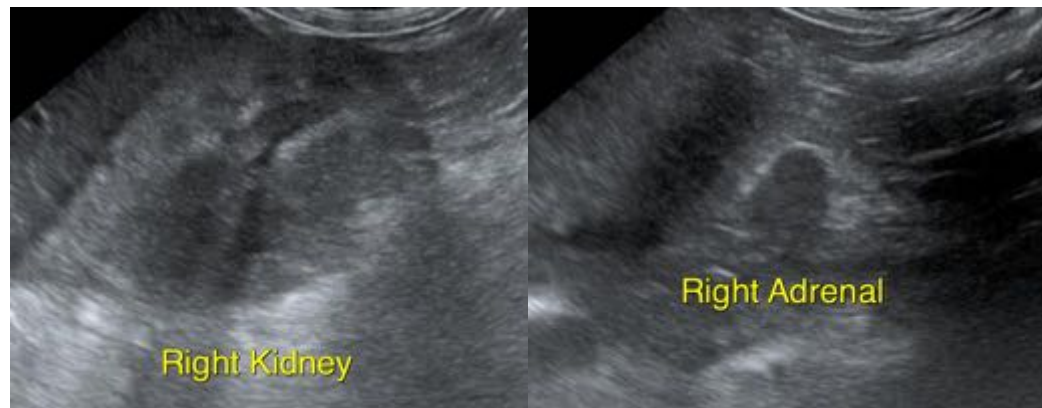
Kim Raddatz

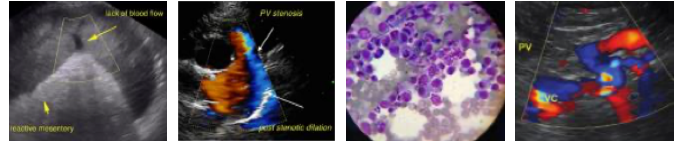
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**DATE**

3.24.23





**PATIENT**

Bella Corey

**SPECIES**

Canine

**BREED**

Chihuahua Mix

**SEX**

Female Spayed

**AGE**

15 years

**WEIGHT**

10.4 lbs

**INTERPRETED BY**

Jessica Midence,  
DVM, DACVIM  
(SAIM)

**IMAGING PERFORMED BY**

Adrienne Waffle

**HOSPITAL NAME**

Torch Lake VC

**REFERRING VET**

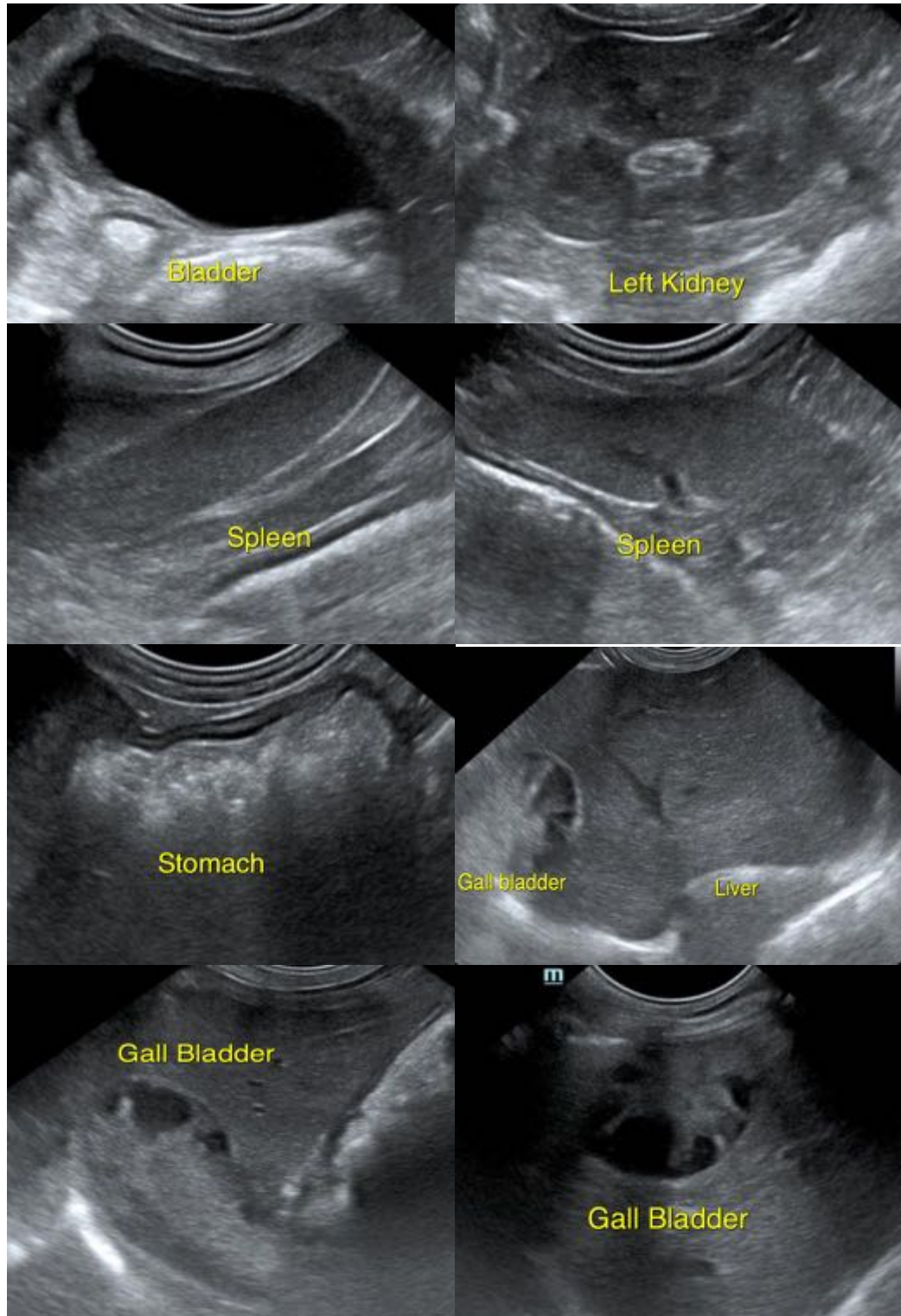
Kim Raddatz

**INVOICE**

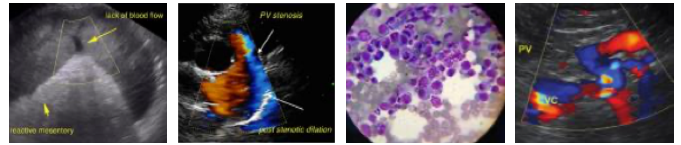
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**DATE**

3.24.23



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.



**PATIENT**

Bella Corey

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.

**SPECIES**

Canine

Jessica Midence, DVM, DACVIM (SAIM)  
info@SonoPath.com

**BREED**

Chihuahua Mix

**SEX**

Female Spayed

**AGE**

15 years

**WEIGHT**

10.4 lbs

**INTERPRETED BY**

Jessica Midence,  
DVM, DACVIM  
(SAIM)

**IMAGING  
PERFORMED BY**

Adrienne Waffle

**HOSPITAL NAME**

Torch Lake VC

**REFERRING VET**

Kim Raddatz

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