

**PATIENT PRESENTING CLINICAL SIGNS**

Ruby Doone Scan from Friday was supposed to be a double cavity. This is the abdominal portion to check for any issues before proceeding with spay surgery and mammary mass removal. :) No current meds.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

**BREED**

Chihuahua X

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

**SEX**

Intact Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.0 cm. The right kidney measured 3.6 cm.

**AGE**

7 Years

The area of the aortic trifurcation was free of pathology. No evidence of sublumbar or medial iliac lymphadenopathy.

**Adrenal Glands**

**WEIGHT**

3.5 kg

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.0 cm length x 0.43 cm at the caudal pole. The right adrenal gland measured 1.1 cm length x 0.59 cm at the caudal pole.

**Spleen**

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

**IMAGING PERFORMED BY**

Crystal Hill

**Liver**

**HOSPITAL NAME**

Downtown AH

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

**Gastrointestinal**

**REFERRING VET**

Dr. Ahn

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate hyperechoic ingesta, exhibiting progressive distal acoustic shadowing. The visualized gastric walls were sonographically normal. Ventral gastric body wall measured 0.20 cm.

**INVOICE**

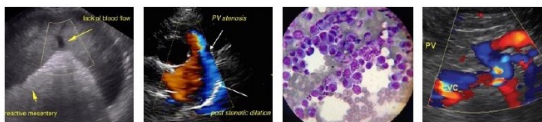
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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Jejunum wall measured 0.28 cm.

Normal visible colon wall layers were present with apparent formed feces in lumen.

**DATE**

2/8/22



**PATIENT** *Pancreas*

Ruby Doone The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

**SPECIES** *Free Abdomen*

Canine No omental masses, lymphadenopathy or effusion.

**BREED** The uterus exhibited segmental mild, primarily anechoic luminal fluid with subjective mildly prominent uterine walls. Uterine horn measured 1.0 cm in width. No overt pathology in the area of the left or right ovaries.

Chihuahua X

**SEX**

Intact Female

- Mild fluid dilated uterus – patient variant, potential for mild endometritis, low-grade mucometra, hydrometra, or emerging pyometra possible.

**AGE**

7 Years

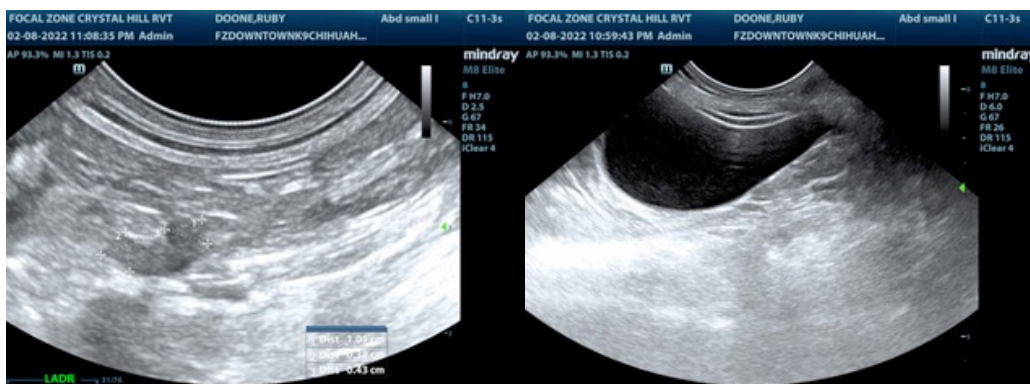
- Mild gallbladder debris – incidental.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Aside from the mild fluid dilated uterus, no evidence of significant abdominal visceral pathology, including no evidence of intraabdominal metastasis from the mammary mass. No anesthetic contraindications to potential surgery. Ovariohysterectomy along with mammary mass removal or biopsy recommended. Submission of uterine tissue for histopathology may be considered depending on gross appearance.

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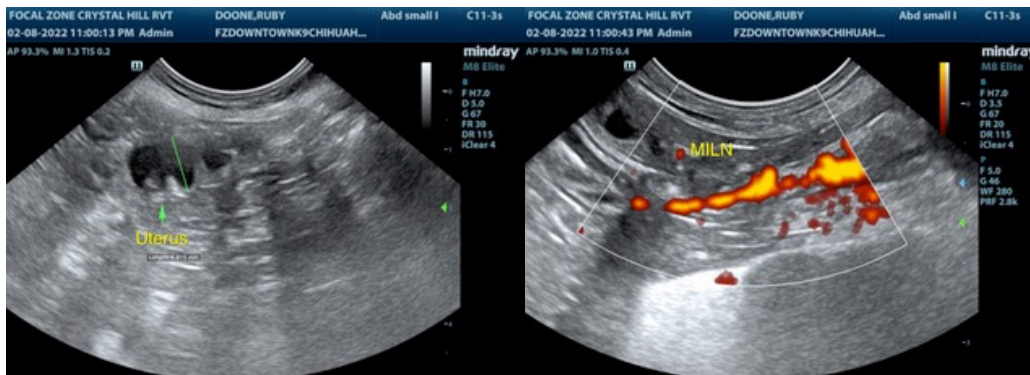


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**HOSPITAL NAME**

Downtown AH



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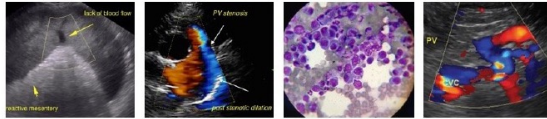
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**DATE**

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**PATIENT**

Ruby Doone

**SPECIES**

Canine

**BREED**

Chihuahua X

**SEX**

Intact Female

**AGE**

7 Years

**WEIGHT**

3.5 kg

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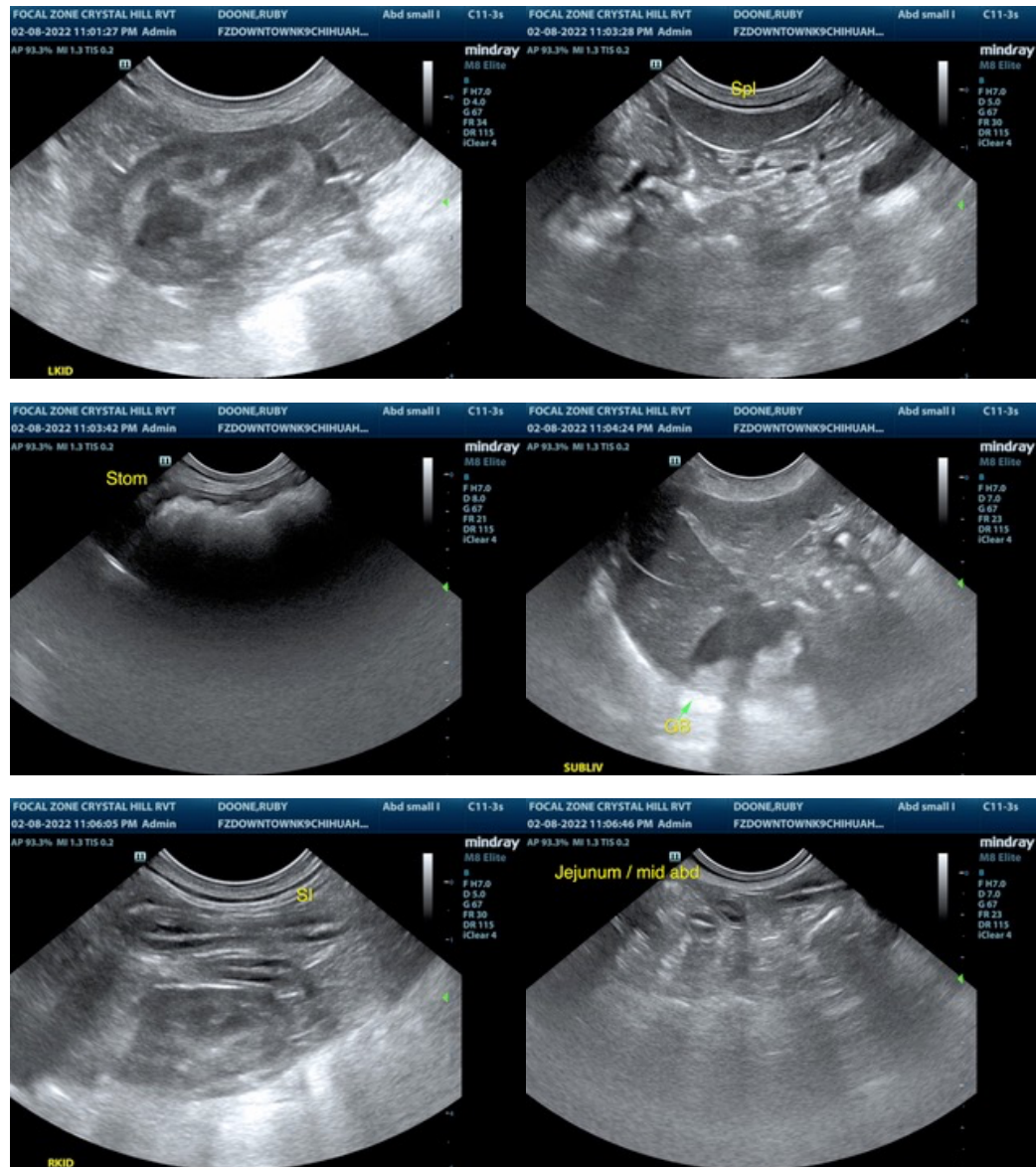
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**INVOICE**

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**DATE**

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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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**

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