



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Grizzley Caballero	History: Hx of Cushings, distended abdomen, lethargy, V+
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b>
<b>BREED</b>	The <b>urinary bladder</b> , trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A mild amount of sand was noted and measured 0.7 cm. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.
Yorkshire Terrier	The prostate was uniform and measured 2.4 cm.
<b>SEX</b>	The <b>kidneys</b> revealed moderate degenerative changes with cortical mineralization and loss of corticomedullary definition. Fibrotic type remodeling was noted. There was slight pyelectasia. The right kidney measured 3.93 cm. The left kidney measured 3.88 cm.
Neutered male	
<b>AGE</b>	<b>Adrenal Glands</b>
12 years	The left <b>adrenal gland</b> was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.31 x 0.28 cm at the cranial pole and 0.33 cm at the caudal pole. The area of the right adrenal gland revealed a mixed, echogenic, mineralized mass that measured 5.1 x 3.8 cm with regional inflammation and early caval invasion noted measuring 2.75 x 1.13 cm. The mass is significantly vascular.
<b>WEIGHT</b>	
13.72 lbs	
<b>INTERPRETED BY</b>	<b>Spleen</b>
Eric Lindquist, DMV DABVP, Cert. IVUSS	The <b>spleen</b> was normal size and relatively normal contour with multifocal hyperechoic areas of mineralization. This is a benign change; however, can be related to Cushing's disease or other endocrinopathies.
<b>IMAGING PERFORMED BY</b>	
Shari Reffi, CVT	
<b>HOSPITAL NAME</b>	<b>Liver</b>
Rockaway AH	The <b>liver</b> revealed mild enlargement with coarse architecture and increased portal markings. . An anechoic cyst was noted in the right cranial liver. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.
<b>REFERRING VET</b>	
Dr. Maniar	
<b>INVOICE</b>	<b>Gastrointestinal</b>
32060	Examination of the <b>gastrointestinal tract</b> revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.
<b>DATE</b>	
7/29/22	



**PATIENT**

Grizzley Caballero

**Pancreas**

**SPECIES**

Canine

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**BREED**

Yorkshire Terrier

**ULTRASONOGRAPHIC FINDINGS**

Mineralizing and invasive right adrenal mass, likely carcinoma.

Moderate degenerative renal changes with non-obstructive renal calculi.

**SEX**

Neutered male

Bladder sand.

Moderate degenerative hepatic changes with remodeling and benign cyst.

**AGE**

12 years

Mineralized spleen, may be secondary to endocrinopathy.

**WEIGHT**

13.72 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Blood pressure and urine catecholamine could be considered. CT evaluation and surgical consultation could be obtained, but considerable invasion is present. Carcinoma is likely, yet pheochromocytoma is possible.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

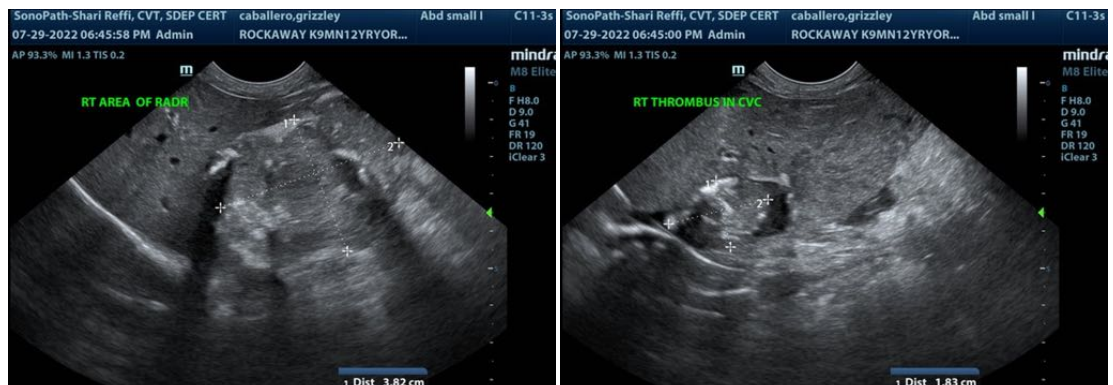
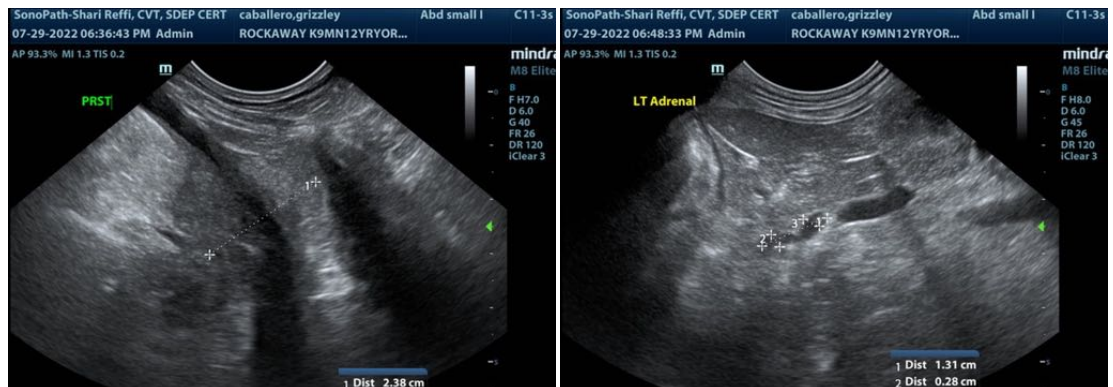
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**INVOICE**

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**DATE**

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**PATIENT**

Grizzley Caballero

**SPECIES**

Canine

**BREED**

Yorkshire Terrier

**SEX**

Neutered male

**AGE**

12 years

**WEIGHT**

13.72 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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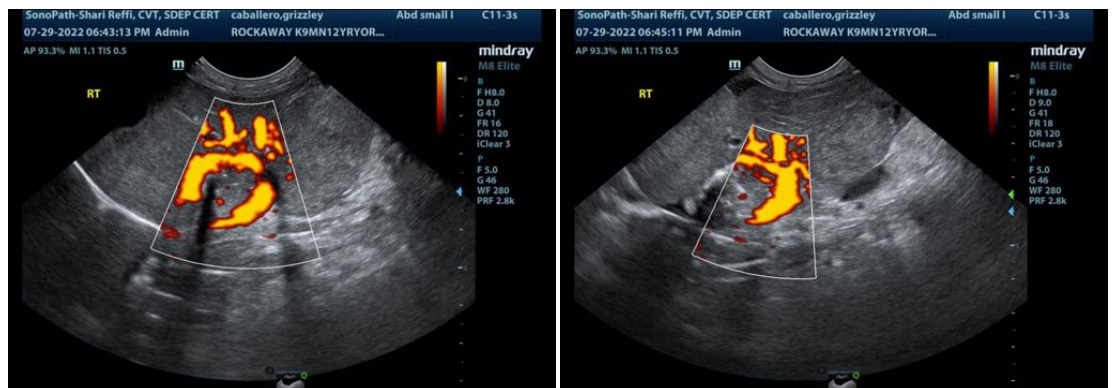
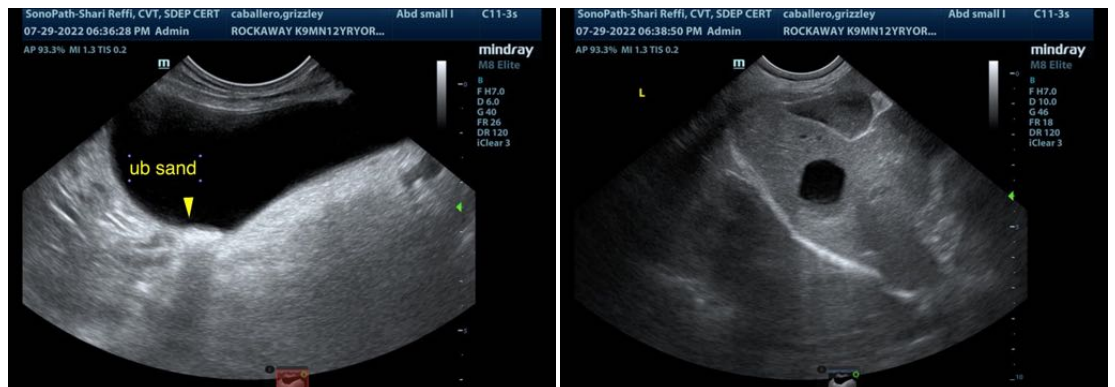
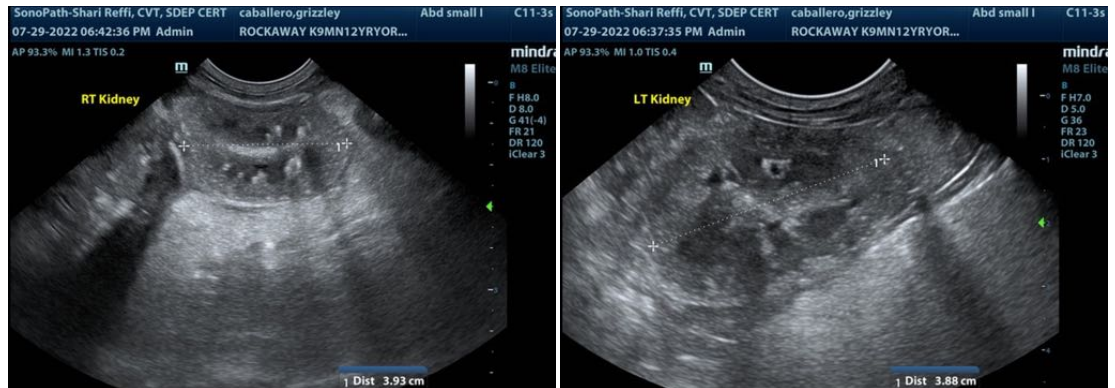
Dr. Maniar

**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.

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
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