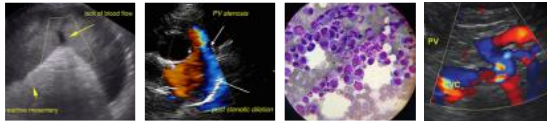




<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Cleopatra Denton	Abdomen - Always sensitive with abdominal palpation. No obvious masses or swellings or direct pain. Heart - Grade 3/6 systolic murmur Unkept coat Muscle atrophy in hind limbs and epaxial mm of spine
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: PSL elevation 8/20/21 with hypercholesterolemia, hyperalbuminemia, and elevated amylase and tryglycerides FPL normal 5/28/22 Probnp WNL 5/26/22
Canine	Current Medications gabapentin 75mg today Radiographic Findings Radiographic consult - Rads submitted on 5/25/22 and repeat rads added to study 5/26/22__A definitive cause for the discomfort, lethargy and weight loss is not identified on this examination. There is no evidence of constipation, peritonitis or mass. With the history of elevated PSL a recurrent or chronic low-grade pancreatitis must be considered. Abdominal ultrasound is advised. The cardiac silhouette is mildly enlarged. There does appear to be biatrial dilation and a hypertrophic cardiomyopathy must be considered. There is no congestive heart failure. Echocardiogram and ECG are advised for further workup.
<b>BREED</b>	
DLH	
<b>SEX</b>	
FS	
<b>AGE</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
13 Years	<b>Urinary System</b>
<b>WEIGHT</b>	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 was noted.
11.7 lbs.	The area of the aortic trifurcation was free of pathology.
<b>INTERPRETED BY</b>	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.3 cm in length. The right kidney measured 4.4 cm in length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b>Adrenal Glands</b>
<b>IMAGING PERFORMED BY</b>	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.42 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.56 cm width.
Sara Hansen	<b>Spleen</b>
<b>HOSPITAL NAME</b>	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.
Ark AH	
<b>REFERRING VET</b>	
Dr. Jackson	
<b>INVOICE</b>	
14162	
<b>DATE</b>	
6/30/22	



<b>PATIENT</b>	<b><i>Liver/ Gallbladder</i></b>
Cleopatra Denton	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 normal in size. The gallbladder appeared to be partially divided into two compartments containing anechoic content. The cystic and common bile ducts were normal.
<b>SPECIES</b>	
Canine	
<b>BREED</b>	<b><i>Gastrointestinal</i></b>
DLH	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material. The gastric body wall width measured 0.25 cm.
<b>SEX</b>	
FS	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. The duodenum wall measured 0.23 cm width. The jejunum wall measured 0.22 cm width. No overt pathology was noted in the area of the ileocolic junction.
<b>AGE</b>	
13 Years	
<b>WEIGHT</b>	Normal visible colon wall layers were present with apparent formed feces in lumen.
11.7 lbs.	<b><i>Pancreas</i></b>
<b>INTERPRETED BY</b>	The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b><i>Free Abdomen</i></b>
<b>IMAGING PERFORMED BY</b>	No omental masses, lymphadenopathy or peritoneal free fluid was present.
Sara Hansen	<b>ULTRASONOGRAPHIC FINDINGS</b>
<b>HOSPITAL NAME</b>	<ul style="list-style-type: none"> <li>• Minor chronic renal changes</li> <li>• Subtle heterogeneous pancreas</li> <li>• Sonographically unremarkable gastrointestinal tract</li> <li>• Bilobed gallbladder - normal variant in a cat</li> </ul>
Ark AH	
<b>REFERRING VET</b>	<b><u>INTERPRETATION OF THE FINDINGS &amp; FURTHER RECOMMENDATIONS</u></b>
Dr. Jackson	Overall, mild geriatric abdomen without evidence of significant visceral pathology.
<b>INVOICE</b>	The subtly heterogeneous pancreas was nonspecific and may indicate a patient or age-related variant. Potential for minor pancreatic remodeling owing to previous inflammation or low-grade to chronic pancreatitis, which may present as sonographically normal, is possible. No evidence of significant pancreatic pathology, i.e., active pancreatitis or neoplastic criteria was evident.
14162	
<b>DATE</b>	
6/30/22	



**PATIENT**

Cleopatra Denton

**SPECIES**

Canine

**BREED**

DLH

**SEX**

FS

**AGE**

13 Years

**WEIGHT**

11.7 lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Ark AH

**REFERRING VET**

Dr. Jackson

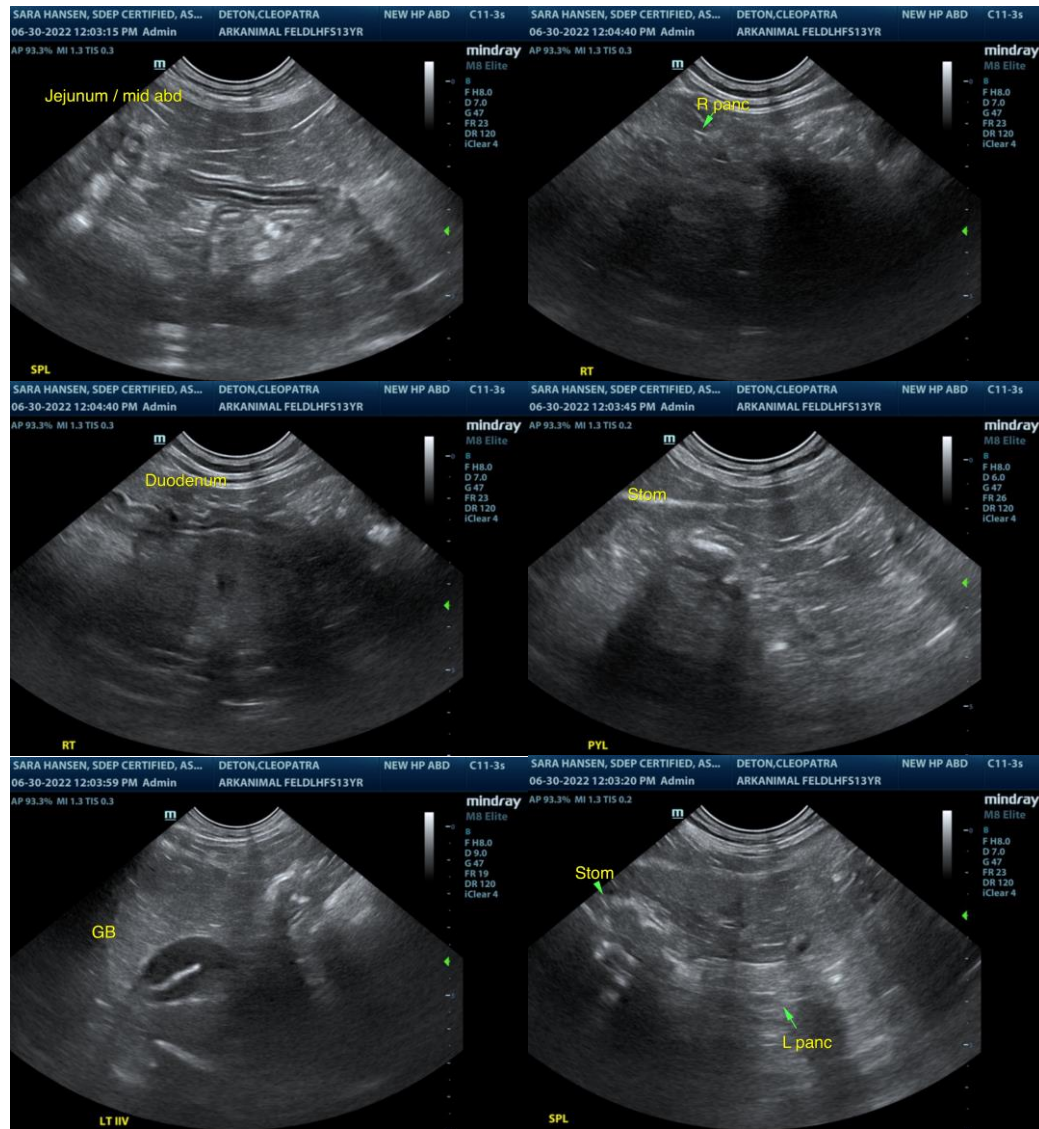
**INVOICE**

14162

**DATE**

6/30/22

Even without reported gastrointestinal signs yet given the muscle atrophy in this patient, a full GI panel to include PLI/TLI/Cobalamin/Folate to assess for nonstructural gastrointestinal disease could be considered if clinically indicated.





**PATIENT**

Cleopatra Denton

**SPECIES**

Canine

**BREED**

DLH

**SEX**

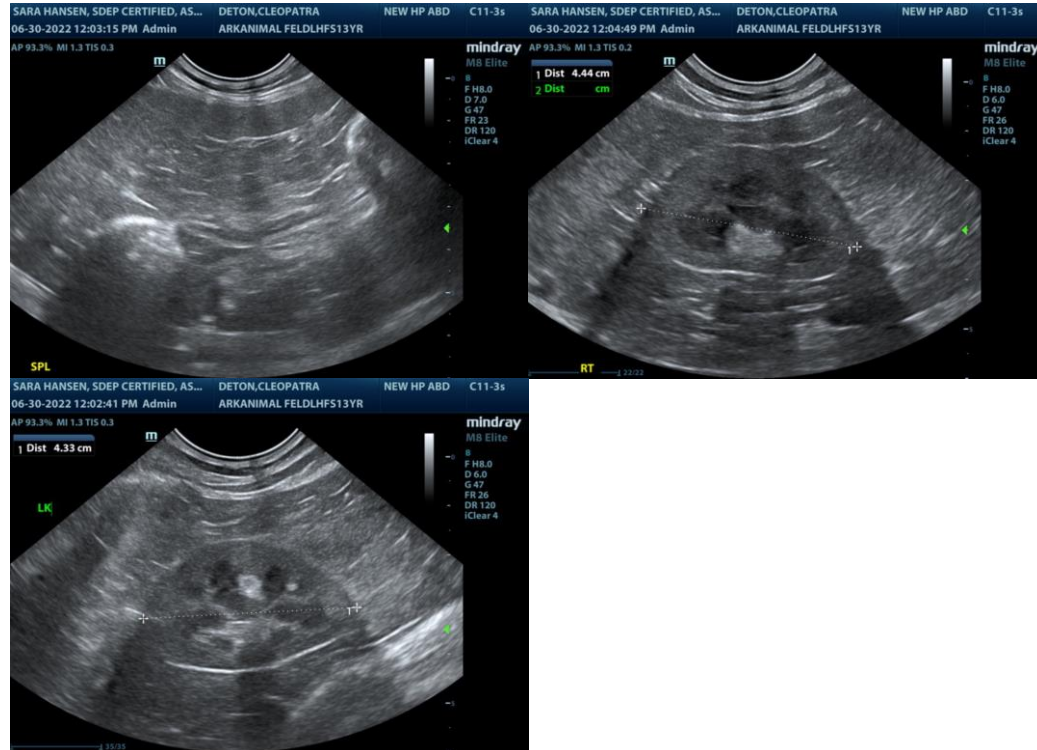
FS

**AGE**

13 Years

**WEIGHT**

11.7 lbs.



**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Ark AH

**REFERRING VET**

Dr. Jackson

**INVOICE**

14162

**DATE**

6/30/22

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)**  
info@SonoPath.com