



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Marco Paredes	History: intermittent increased RR lethargy
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Feline	<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. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.
Domestic Shorthair	
<b>SEX</b>	The <b>kidneys</b> revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Minor, hyperechoic medullary rim sign was noted. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Vascularity appeared to be adequate. The right kidney measured 3.78 cm. The left kidney measured 3.88 cm.
Male	
<b>AGE</b>	
5 months	
<b>WEIGHT</b>	<b>Adrenal Glands</b>
6 lbs	Both <b>adrenal glands</b> were 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.
<b>INTERPRETED BY</b>	<b>Spleen</b>
Eric Lindquist, DMV DABVP, Cert. IVUSS	The <b>spleen</b> presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.
<b>IMAGING PERFORMED BY</b>	<b>Liver</b>
Jenn	The <b>liver</b> revealed coarse architecture with increased portal markings. The gallbladder was collapsed and unremarkable.
<b>HOSPITAL NAME</b>	
Rockaway AH	
<b>REFERRING VET</b>	
Dr. Maniar	
<b>INVOICE</b>	<b>Gastrointestinal</b>
92055	The stomach was filled with ingesta. The intestines were 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>	
9/29/21	



**PATIENT**

**Pancreas**

Marco Paredes

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.

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

**BREED**

Domestic Shorthair

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics.. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions and angles of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum** and **pericardial regions** were free of masses in the visible window.

**SEX**

Male

**AGE**

5 months

**WEIGHT**

6 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenn

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FELINE CARDIAC PARAMETERS	BODY WEIGHT	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	6 lbs	NM	0.5	1.4	0.5	45	
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.4	1.15			1.0	0.85	NM
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							



**PATIENT**

Marco Paredes

**ULTRASONOGRAPHIC FINDINGS**

Normal echocardiogram.

Medullary rim kidney.

**SPECIES**

Feline

Mild hepatic remodeling.

Stomach filled with ingesta. Consistent with post prandial, yet foreign matter cannot be ruled out.

**BREED**

Domestic Shorthair

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Blood work is warranted to assess for underlying FIP. Feeding history and upper gastrointestinal signs should be evaluated if not already performed as the stomach was full, yet this can be a post prandial presentation.

**SEX**

Male

**AGE**

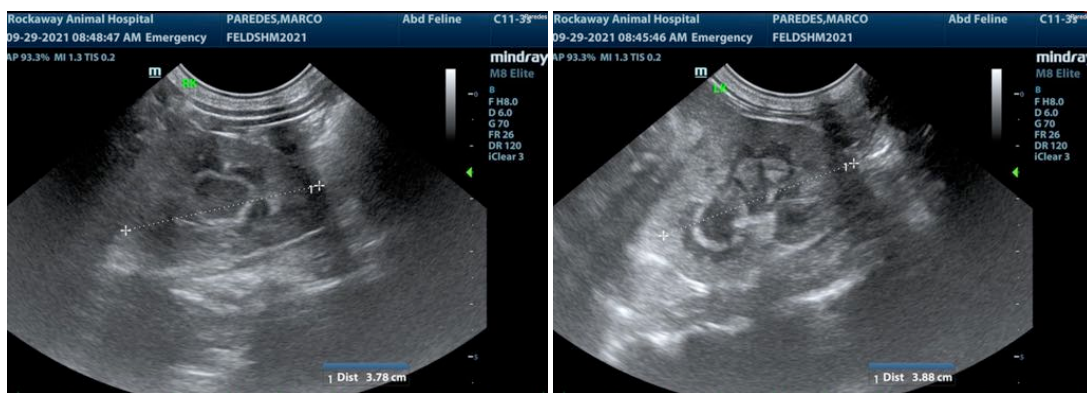
5 months

**WEIGHT**

6 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

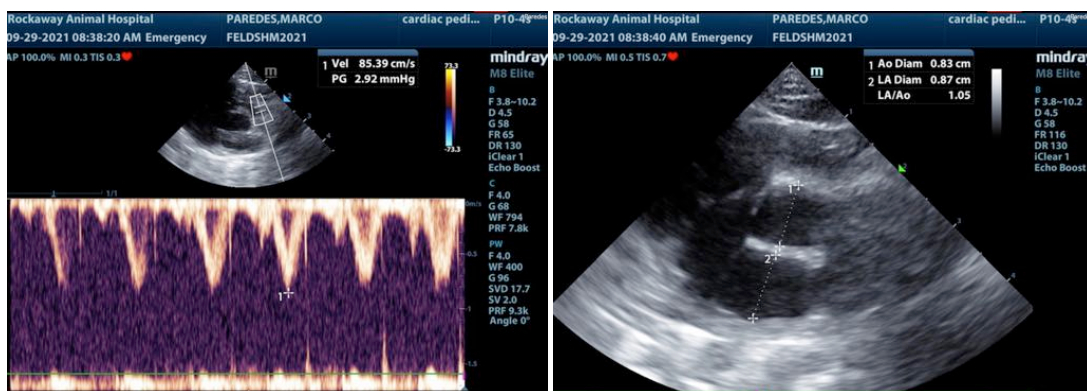


**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockway AH



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**DATE**

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**PATIENT**

Marco Paredes

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Male

**AGE**

5 months

**WEIGHT**

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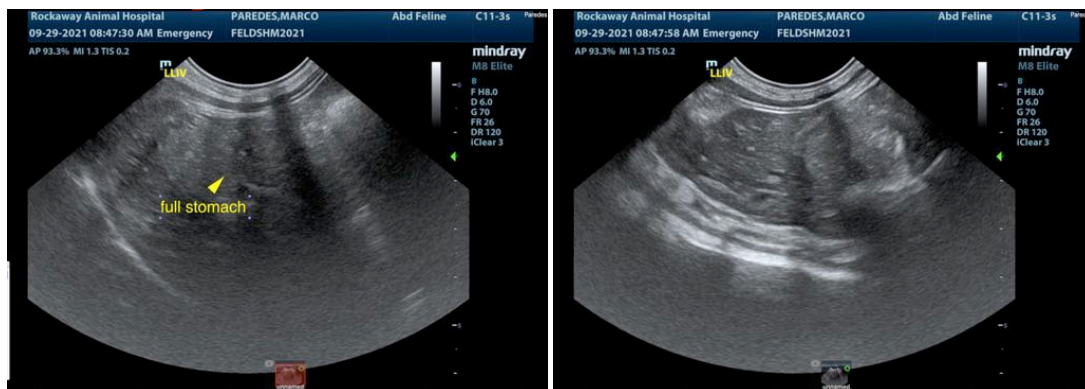
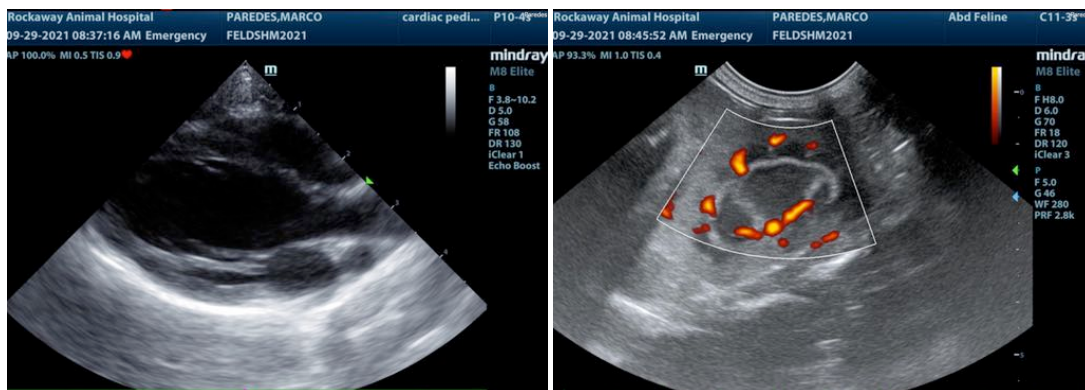
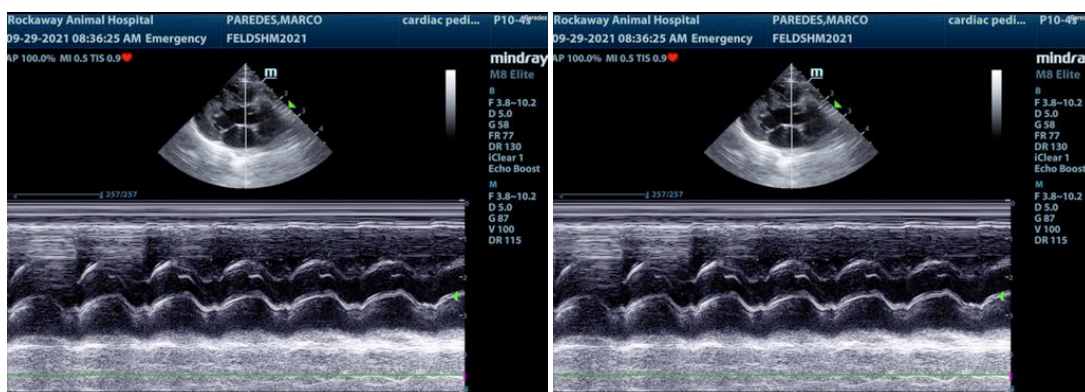
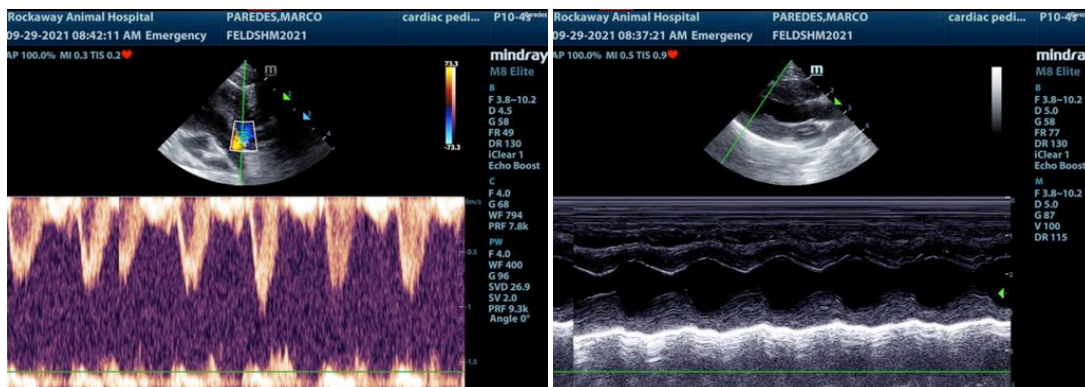
Dr. Maniar

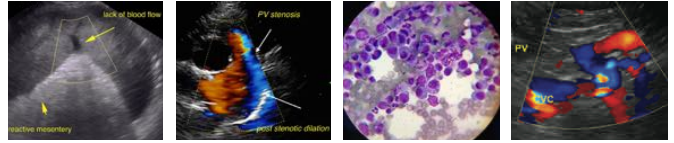
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**DATE**

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**PATIENT**

Marco Paredes

veterinarian. 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.

**SPECIES**

Feline

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

**BREED**

Domestic Shorthair

**SEX**

Male

**AGE**

5 months

**WEIGHT**

6 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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