

**PATIENT**  
Marley Mondanaro

**PRESENTING CLINICAL SIGNS**

History: Acute onset of collapse, hypoxia vs seizure. Echo/AUS (EL) nsf.

**SPECIES**

Canine

**BREED**

Shih Tzu Mix

**SEX**

Male Neutered

**AGE**

8y

**WEIGHT**

13.5lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

**HOLTER MONITOR FINDINGS AND RHYTHM ASSESSMENT**

Time analyzed	22:58h
Mean heart rate	91bpm
Maximum heart rate	245bpm
Minimum heart rate	48bpm
VPCs	0
APCs	4 singles, 1 pair

Interpretation: Underlying normal sinus rhythm with presumably appropriate rate variation. Frequent sinus tachycardia is noted as labeled (up to 224bpm); however, occasional narrow complex tachycardia appears to have an acute termination more consistent with atrial tachycardia. Max HR is briefly 245bpm and occurs at 3:22am. Four APCs noted. No VPCs or other dysrhythmias are observed.

Rhythm diagnosis: Sinus rhythm with significant heart rate variability and frequent sinus tachycardia. Suspect brief atrial tachycardia.

**RECOMMENDATIONS**

The majority of the tracing is unremarkable with normal heart rate and rhythm. The patient does have significant heart rate variability, with periods of sinus tachycardia throughout (a normal finding) contrasting periods of sinus arrhythmia. The monitor does not label any atrial tachycardia (AT); however, there is some concern for a tachyarrhythmia based upon 2 things. First is the max HR occurs at 3:22am (no diary provided) which would be presumably inappropriate. Second is there is a relative acute termination period to the patient's sinus tachycardia. Without a diary it is exceedingly difficult to know what is appropriate or not. No VPCs or other abnormalities are appreciated.

Unless an episode of collapse occurred with the monitor in place and can be correlated to rapid heart rates, no treatment is warranted. No information is provided as to the nature of the episode, situational component, etc and no further recommendations can be made.

No treatment is warranted based upon the information available.

**HOSPITAL NAME**

Rockaway AH

**IMAGES**



**REFERRING VET**

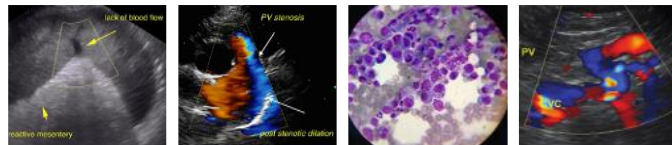
Dr. Maniar

**INVOICE**

31651

**DATE**

6/30/23



**PATIENT**

Marley Mondanaro

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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.

**BREED**

Shih Tzu Mix

Maggie Machen Lamy, DVM  
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)  
info@sonopath.com

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