
PRESENTING CLINICAL SIGNS

History: Collapsing after drinking.

DATE

7/25/22

HOLTER MONITOR FINDINGS

Recording time: 23 hours, 48 minutes

Mean heart rate: 142 bpm

Maximum heart rate: 257 bpm

Minimum heart rate: 72 bpm

PERFORMED BY:

Ashley

INTERPRETED BY

Rhythm: Normal sinus rhythm with frequent sinus tachycardia, rare atrial and ventricular ectopy, and rare second-degree AV block

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

Ventricular ectopy:

Total: 2 beats

VPCs: 2

Couplets: 0

Total runs: 0

Escape beats: 0

PATIENT

Bella Montag

Supraventricular ectopy:

Total: 1

APCs: 1

Couplets: 0

Total runs: 0

SPECIES

Canine

BREED

Pug

The summary above is an accurate representation of the Holter recording. The average heart rate is elevated for a dog this age in the home environment. The underlying rhythm is normal sinus rhythm. There are two VPCs and one APC present, as well as rare 2:1 second-degree AV block.

ASSESSMENT/RECOMMENDATIONS
SEX

Bella's Holter monitor demonstrates no obvious reason for her collapsing episodes. Her heart rate is higher than expected in the home environment, however, this appears to be due to the presence of a sinus tachycardia rather than a pathologic one. As only two VPCs and one APC are present, an arrhythmia characterized by paroxysms of premature beats is unlikely to be the cause of her episodes, while the presence of only rare 2:1 second-degree AV block suggests that this is also unlikely to be the cause. As Bella did not experience a collapsing episode while she was wearing the Holter monitor, it's possible that she could have an intermittently more severe arrhythmia that was not captured in the recording, though vasovagal syncope, myocardial dysfunction, and pulmonary hypertension should also be considered as possible causes of Bella's episodes.

FS
AGE

13 y

WEIGHT

12.6 lb

An event monitor can be considered to determine Bella's heart rhythm during a collapsing episode. An echocardiogram can be considered to evaluate for cardiac dysfunction and pulmonary hypertension.

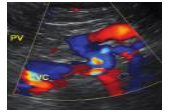
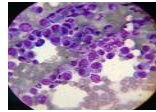
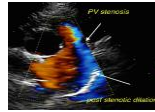
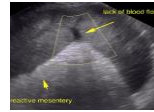
HOSPITAL NAME

No therapy is recommended based on Bella's Holter monitor.

Rockaway AH

REFERRING VET

Dr. Maniar



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.

DATE

7/25/22

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.

PERFORMED BY:

Ashley

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Bella Montag

SPECIES

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