

# Enhanced CAM Reports

## Enhance your view of arrhythmias with P-wave centric reports and long-term beat by beat R-R plots

Greater detail increases accuracy when interpreting ECG tracings. Diurnal data from your patient's P-wave centric cardiac monitor populates our unique and proprietary Carnation Ambulatory Monitor (CAM™) report, enabling you to confidently identify arrhythmias that inform clinical decision-making.

### Report Summary

#### 1 RECORDING DETAILS

Analysis time and total wear time length for the patient is displayed from time of application to time of removal.

#### 2 SYMPTOM-RHYTHM CORRELATION

Button presses are counted and compared to the ECG analysis to determine symptom-rhythm correlation.

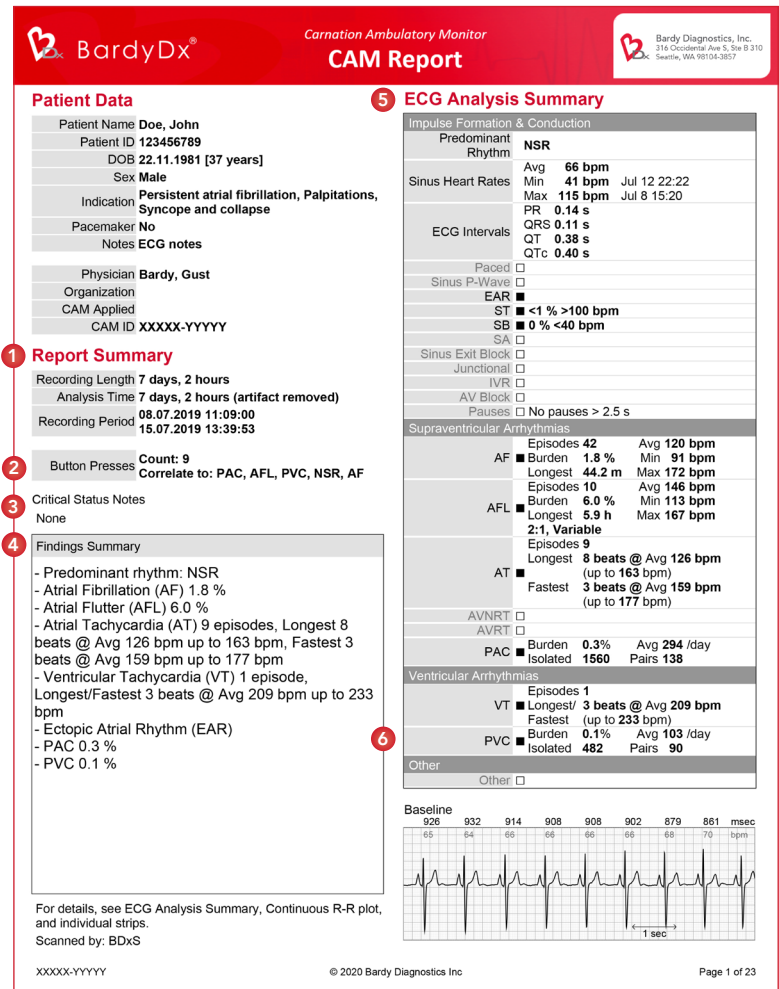
#### 3 CRITICAL STATUS NOTES

Critical alerts flagged during analysis are summarized by our ECG analysts.

#### 4 FINDINGS SUMMARY

Our experienced team of certified ECG analysts provide a concise clinical summary containing only relevant findings to aid in your clinical decision-making.

Additional commentary or adjustments to the Findings Summary can be captured in this customizable free-text section.



**1 Report Summary**

Recording Length 7 days, 2 hours  
Analysis Time 7 days, 2 hours (artifact removed)  
Recording Period 08.07.2019 11:09:00 to 15.07.2019 13:39:53

**2 Button Presses**  
Count: 9  
Correlate to: PAC, AFL, PVC, NSR, AF

**3 Critical Status Notes**  
None

**4 Findings Summary**

- Predominant rhythm: NSR
- Atrial Fibrillation (AF) 1.8 %
- Atrial Flutter (AFL) 6.0 %
- Atrial Tachycardia (AT) 9 episodes, Longest 8 beats @ Avg 126 bpm up to 163 bpm, Fastest 3 beats @ Avg 159 bpm up to 177 bpm
- Ventricular Tachycardia (VT) 1 episode, Longest/Fastest 3 beats @ Avg 209 bpm up to 233 bpm
- Ectopic Atrial Rhythm (EAR) 0.3 %
- PAC 0.3 %
- PVC 0.1 %

**5 ECG Analysis Summary**

Impulse Formation & Conduction

Predominant Rhythm: NSR

Sinus Heart Rates: Avg 66 bpm, Min 41 bpm, Max 115 bpm, Jul 12 22:22, Jul 8 15:20

ECG Intervals: PR 0.14 s, QRS 0.11 s, QT 0.38 s, QTc 0.40 s

Paced: ☐  
Sinus P-Wave: ☐  
EAR: ☒  
ST: ☒ <1 % >100 bpm  
SB: ☒ 0 % <40 bpm  
SA: ☐  
Sinus Exit Block: ☐  
Junctional: ☐  
IVR: ☐  
AV Block: ☐  
Pauses: ☐ No pauses > 2.5 s

Supraventricular Arrhythmias

AF: Episodes 42, Avg 120 bpm, Burden 1.8 %, Min 91 bpm, Longest 44.2 m, Max 172 bpm

AFL: Episodes 10, Avg 146 bpm, Burden 6.0 %, Min 113 bpm, Longest 5.9 h, Max 167 bpm

AT: Episodes 9, Longest 8 beats @ Avg 126 bpm (up to 163 bpm), Fastest 3 beats @ Avg 159 bpm (up to 177 bpm)

AVNRT: ☐  
AVRT: ☐

PAC: Burden 0.3%, Avg 294 /day, Isolated 1560, Pairs 138

Ventricular Arrhythmias

VT: Episodes 1, Longest/ Fastest (up to 233 bpm), Burden 0.1%, Avg 103 /day

PVC: Burden 0.1%, Avg 103 /day, Isolated 482, Pairs 90

Other: ☐

Baseline

928 932 914 908 908 902 879 861 msec

For details, see ECG Analysis Summary, Continuous R-R plot, and individual strips.  
Scanned by: BDxS

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### ECG Analysis Summary

- 5 The ECG Analysis Summary table provides a standardized way of reviewing all rhythm findings and associated data:

#### INVENTORY OF ARRHYTHMIAS

Easy-to-scan checklist of arrhythmia types enhance efficiency of reviewing reports.

#### ECG MEASUREMENTS & INTERVALS

- ECG intervals, including PR, QRS, QT, and QTc
- Heart rate statistics, including average, min & max
- Additional measurement data is provided where applicable: number of episodes, % burden, longest run, fastest run, rhythm attributes

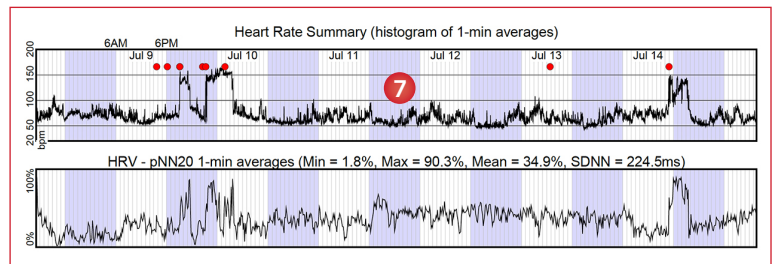
#### 6 BASELINE STRIP

- Baseline strip conveniently shows the beats from which the PR, QRS, QT and QTc measurements are taken
- Taken at the average HR

## Heart Rhythm Trends

## 7 HEART RATE METRICS

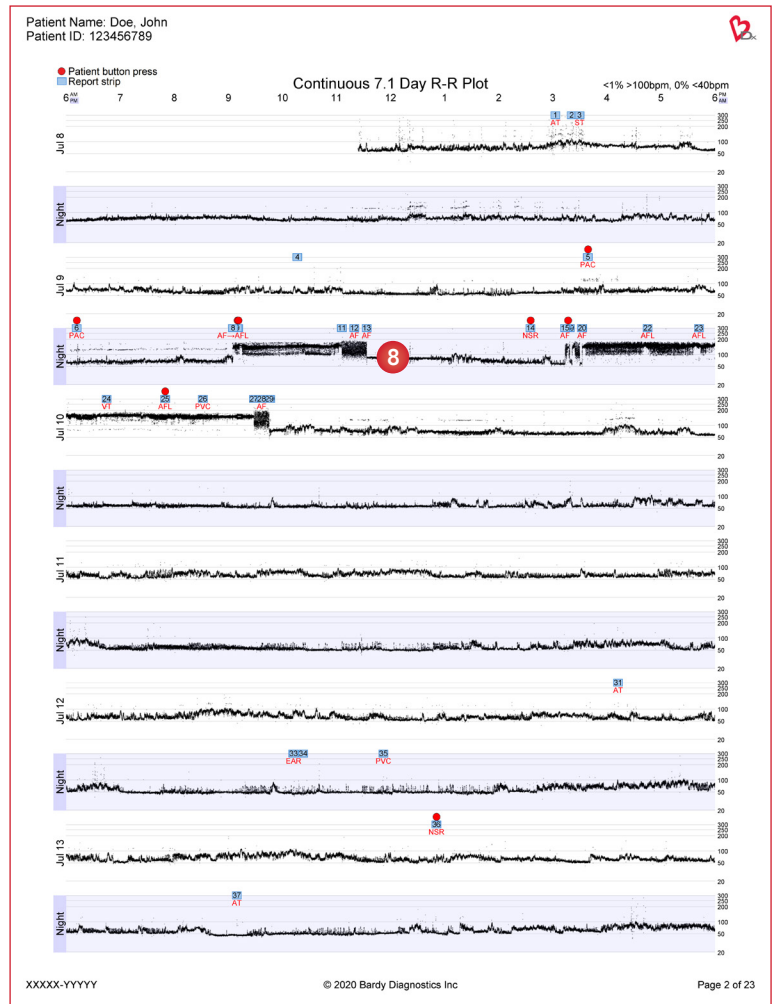
Heart Rate 1-minute histogram and Heart Rate Variability are summarized across the recorded wear time (white/shaded areas denote day/night) with red dots signifying patient-reported symptom events.



## 8 FAR-FIELD R-R PLOT OVERVIEW

A continuous R-R plot spans the entire recording duration providing a high-level heart rhythm summary revealing possible diurnal rhythm events.

Button presses are denoted, along with key ECG strips that are chronologically numbered, providing a 'Table of Contents' of sorts linking to the key ECG strips on the following pages of the CAM report.



## Key ECG Strips

## 9 STRIP IDENTIFIERS

Each key strip is identified with the following:

- Numbered (corresponds to R-R Plot Overview)
- Date and time stamp
- Rhythm description

## 10 BUTTON PRESSES & PATIENT DIARY EVENTS

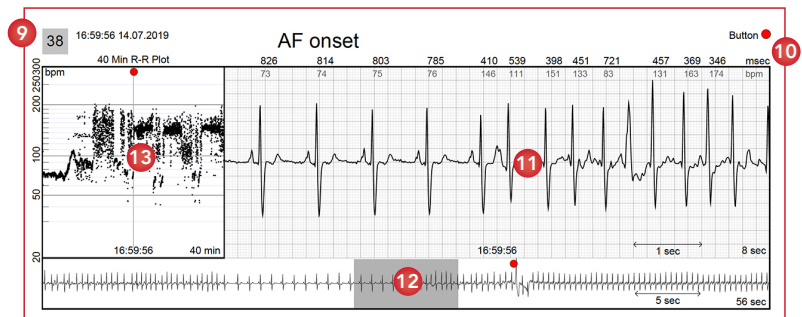
Button presses and/or patient diaries that correspond to the rhythm in a key ECG strip are denoted. The specific diary entry is also provided.

## 11 NEAR-FIELD ECG VIEW

An 8-sec traditional view with R-R measurements in msec and bpm.

## 12 FAR-FIELD ECG VIEW

A zoomed-out, 56-sec view displaying 24 sec. prior to and after an episode or event.



### 13 NEAR-FIELD R-R PLOT VIEW

A 40-min R-R interval plot capturing 20 minutes prior to and after the episode or event.