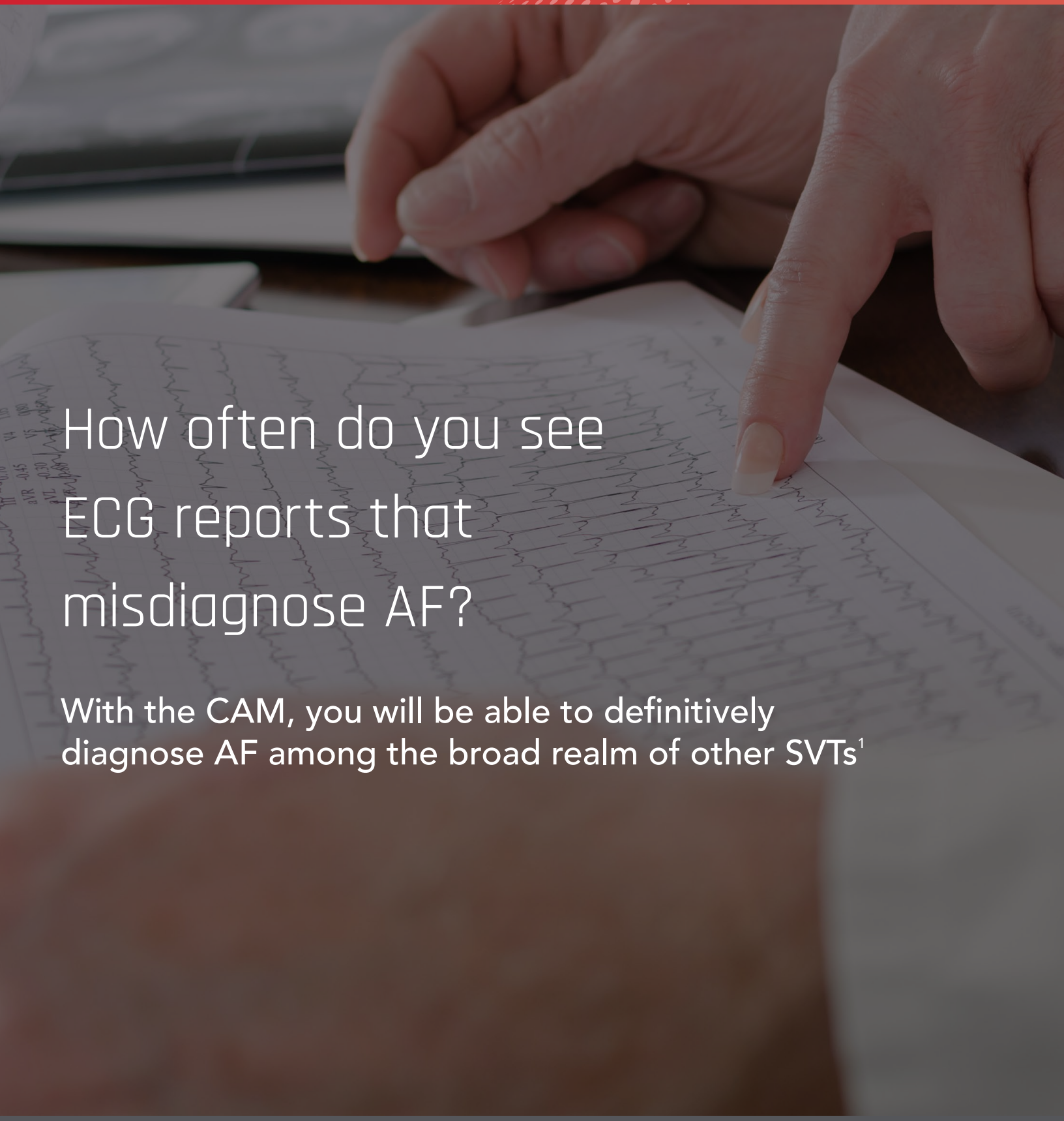
BardyDx®

Detecting Atrial Fibrillation



How often do you see ECG reports that misdiagnose AF?

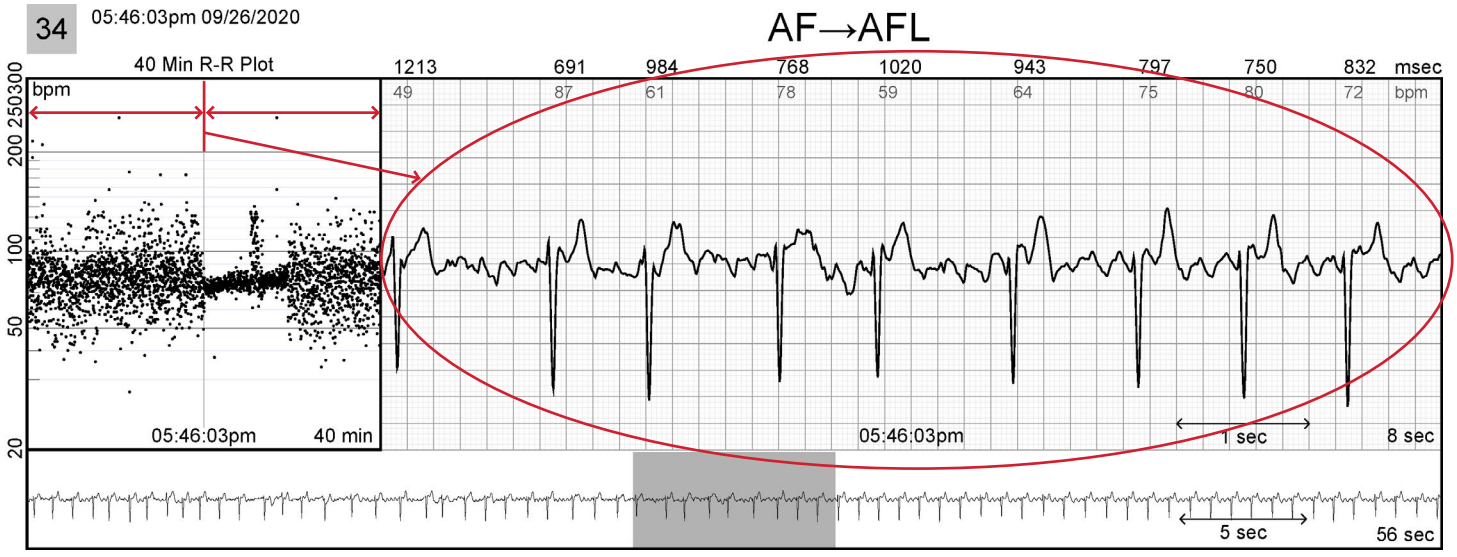
With the CAM, you will be able to definitively diagnose AF among the broad realm of other SVTs[1]

Accurately diagnose AF and quantify AF burden with confidence using P-wave centric technology[1, 2]

The CAM patch's P-wave technology provides cardiologists and electrophysiologists the data they need to reliably diagnose AF and make superior, clinically actionable decisions to treat their patients.[1, 3]

Differentiate AF with certainty from the broad realm of other SVTs

Get the full picture with P-wave centric technology and high-fidelity ECG data. Instead of relying on QRS rate variability alone, the CAM patch's unique P-wave morphology discernment, in conjunction with the 40-minute R-R plot, better clarifies when a patient is or is not in AF.

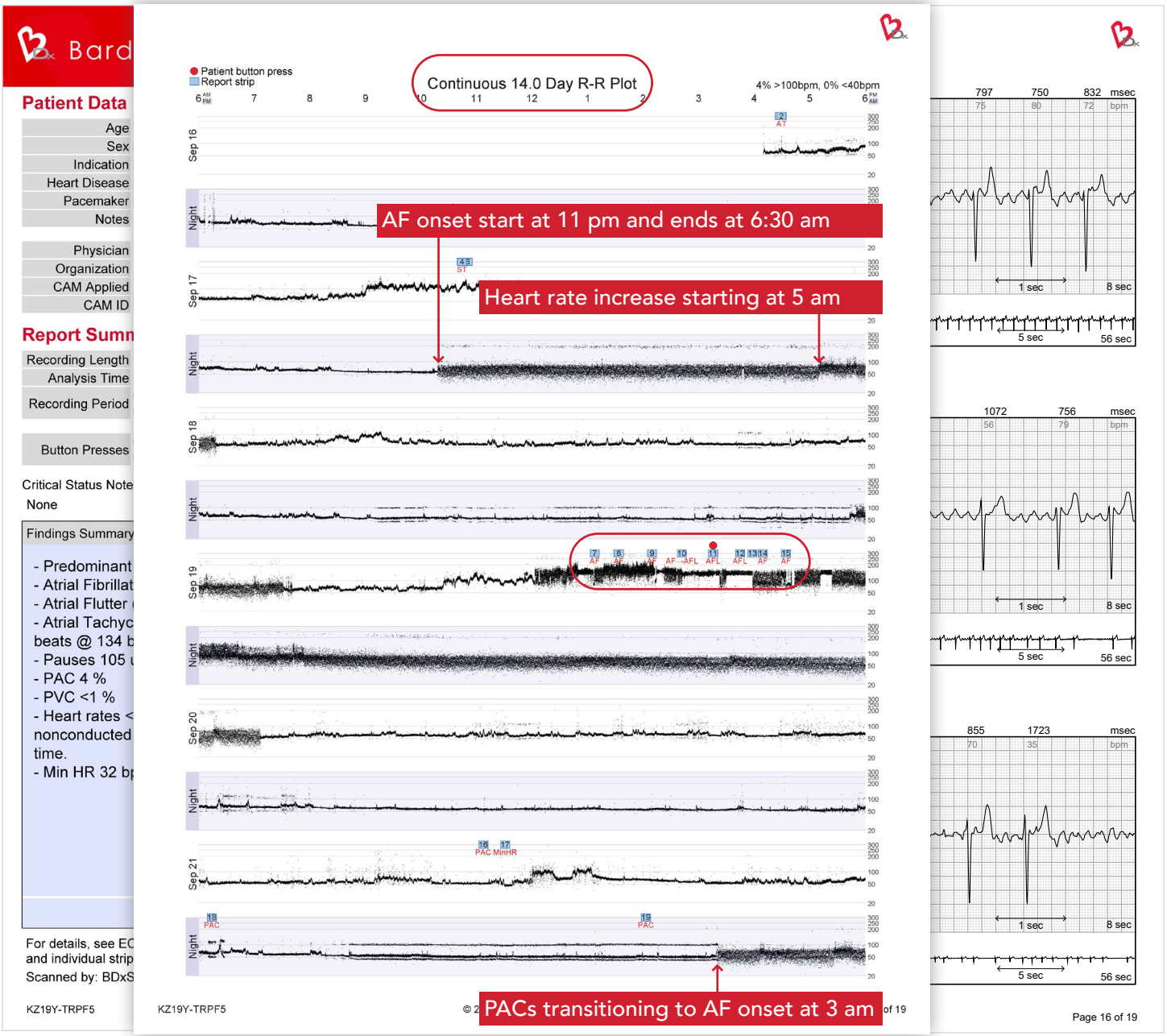


- Mid-line of the R-R plot represents the near-field ECG view.
- The R-R plot is a 40-minute view with 20 minutes pre-ECG and 20 minutes post-ECG.

How do you accurately evaluate AF burden?

Confidently quantifying AF burden is complex. The CAM report provides clear P-waves, a clean signal, and a third view of the ECG (R-R plot) to definitively identify AF over other atrial arrhythmias, eliminating false positives that contribute to misclassifications in AF burden. The R-R plot captures AF burden with precision, providing industry-leading clinical accuracy to help physicians better understand and manage AF in their patients.[1, 2]

Patient: 73 yo M with palpitations. No known heart disease. 38% AF



How confident are you in AF diagnosis and burden?

CAM patch advantages

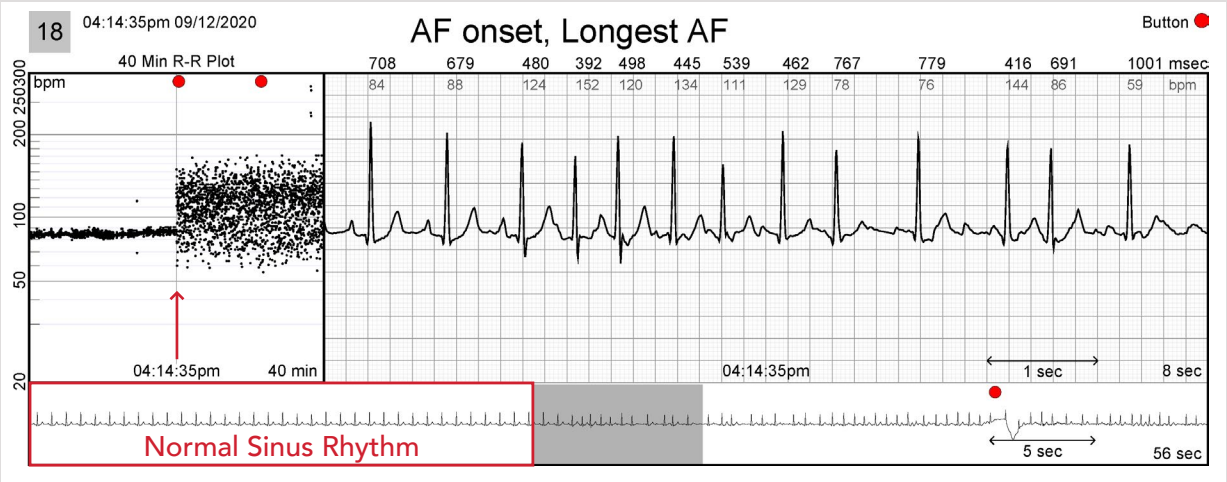
- **P-wave centric engineering**

  Industry-leading technology with a low noise floor, high sensitivity, advanced signal processing, and continuous recording

- **R-R plots for enhanced rhythm diagnosis**

  Near, medium, and far-field views of electrocardiographic activity provide a detailed diurnal overview of the patient's heart rate and heart rhythm. Unique rhythm-specific curation of our P-wave centric database allows a high AF sensitivity and specificity in our AI technology, thereby identifying AF and AF burden more accurately.[2, 4]

Patient: 79 yo F with AF



https://info.bardydx.com/AF-case-study

The near-field R-R plot shown in the upper left corner shows a clear change from NSR to AF (red arrow), which is further confirmed on the near-field and mid-field ECG strips. The continuous R-R plot is useful when trying to identify the burden and diurnal trends presented for patients with intermittent AF.

1. Rho R., et al. "Comparison of 2 Ambulatory Patch ECG Monitors: The Benefit of the P-Wave and Signal Clarity." American Heart Journal, Volume 203, September 2018.

2. Rho R., et al. "Incidence of classic atrial flutter in outpatients with paroxysmal atrial fibrillation as identified with a new P-wave centric ECG monitor: implications for the AF ablation." Journal of Interventional Cardiac Electrophysiology, 2017.

3. Smith WM., et al. "Comparison of diagnostic value using a small, single channel, P-wave centric sternal ECG monitoring patch with a standard 3-lead Holter system over 24 hours." American Heart Journal. March 2017.

4. Paris D., et al. "Atrial Signal Clarity Is Critical If Artificial Intelligence (AI) Is To Be Used To Distinguish Atrial Fibrillation (AF) From Rhythms That Mimic AF." Poster Presented Online. 2020.

Indications for Use: The Carnation Ambulatory Monitor is designed to provide extended duration cardiac monitoring for people who are suspected of having cardiac arrhythmias. Please refer to the Instructions for Use for further information.

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