PRESS RELEASE

PaceAid Launches Visual CPR Guidance Tool Supporting Guideline-Aligned Resuscitation Through Human-Factor Design

Matawan, NJ, April 22, 2026, PaceAid today announced the launch of its single-use CPR visual guidance device, created to support responders with clear cues for when chest compressions and rescue breaths occur. Developed by Colleen McGowan, MHA, RCP-RRT, a respiratory therapy professional with more than 30 years of clinical experience, PaceAid applies human-factors principles and aligns with timing structures described in recommended CPR guidelines.

The newly released white paper by Dr. Amar Bukhari, Chief, Division of Pulmonary/Critical Care and Sleep Medicine. and McGowan highlights the persistent gap between CPR training and real-world performance, noting that stress, cognitive load, and environmental distractions can disrupt timing and coordination during high-acuity events.

“CPR performance is influenced by the demands of the clinical environment, multiple tasks occurring at once, rapid decision-making, and the need for precise coordination. A tool like PaceAid supports responders by providing a clear visual reference that helps maintain consistent timing and organized action, even in high-acuity situations.” Dr. Amar Bukhari.

PaceAid provides visual timing cues for compressions and rescue breaths, with four models reflecting recommended CPR timing structures:

- **Infant/Pediatric – Professional Use** (one-man, two-man, advanced airway)
- **Infant/Pediatric – Non-Professional Use** (one-man/two-man)
- **Adult – Professional Use** (one-man, two-man, advanced airway)
- **Adult – Non-Professional Use** (one-man/two-man)

The device offers visual guidance only and does not measure CPR quality, diagnose conditions, or replace CPR training, AEDs, or EMS activation. As described in the white paper, PaceAid serves as an external cognitive aid to help responders maintain rhythm and follow a structured sequence aligned with established CPR processes.

“After decades responding to cardiac emergencies, I saw that CPR timing challenges happen everywhere, not because people are unskilled, but because real-time performance under pressure is human,” said Colleen McGowan, Founder of PaceAid. “PaceAid gives clinicians and responders a simple, universal way to stay aligned with recommended CPR timing structures when every second counts.”

A 2025 beta test during adult cardiac arrest code blue events at a New Jersey hospital demonstrated strong usability, with clinicians reporting that PaceAid was easy to set up, provided clear instructions, and supported confidence and adherence to established CPR processes.

PaceAid is now available for institutional purchasing, with deployment options for clinical and public-facing environments.

About PaceAid

PaceAid is a single-use CPR visual guidance device designed to support responders with clear cues for when chest compressions and rescue breaths occur. Grounded in human-factors research and aligned with recommended CPR timing structures, PaceAid serves as a low-complexity, visual-only process-support tool for clinical and public environments. PaceAid does not replace CPR training or professional medical judgment.

The United States Patent and Trademark Office (USPTO) has officially granted the PaceAid™ patent, recognizing its unique human-factors approach to bringing real-time CPR timing cues into a space where no visual support previously existed.

PaceAid™ is a Class I, FDA-registered, 510(k)-exempt medical device manufactured under current good manufacturing practices (CGMPs). FDA registration indicates that required information has been provided to the FDA; it does not represent FDA review or approval.

Media Contact

PaceAid Email: info@paceaid.com Phone: 973.715.8564 Website: www.paceaid.com