



Cairdio Emerges as Healthcare Clinical Guardian Following Successful Showcase at Lone Star HealthTech AI Summit 2026

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HealthSeers, Inc. presented its Cairdio platform to an elite gathering of academia, policy leaders, and healthcare executives at the Lone Star HealthTech AI Summit 2026 on February 27, 2026. The company announced its collaboration with Rice University's Rice Nexus innovation ecosystem to deploy AI-powered pediatric heart screening technology while progressing through the FDA clearance process.

The partnership centers on implementing an AI algorithm developed by Sanjoy Paul, Executive Director of Rice Nexus, specifically designed to detect Rheumatic Heart Disease (RHD) in resource-limited settings. The collaboration addresses previous failures in deploying AI for heart disease detection in developing regions, where the complexity of proper stethoscope placement by non-medical personnel prevented successful screening programs.

The Cairdio platform utilizes PhonoCardioGraphy (PCG) technology combined with artificial intelligence to

assess heart health in pediatric populations. The device's patented four-head design captures data from all cardiac auscultation points simultaneously, eliminating placement errors that have historically hindered screening efforts in countries like India and Malawi.

"In my previous efforts to deploy AI for heart disease detection in India, we were consistently hindered by two problems, placement and a single-head design. It was simply too difficult for non-clinicians to consistently position a single-head stethoscope," said Sanjoy Paul, PhD, Executive Director of Rice Nexus. "Cairdio's hardware is a game-changer with its 4-head design. By capturing all four heart valves simultaneously, it removes human error and provides the high-fidelity data my AI models need to thrive. I am proud to support a platform that finally makes global RHD screening a scalable reality."

The platform operates without requiring specialized training. Healthcare workers, teachers, and community health volunteers can capture comprehensive heart recordings in 5-10 seconds using the lightweight, mobile device. The accompanying mobile application guides operators through the data collection process, producing synchronized four-track heart recordings. The AI-powered analysis determines whether a referral for further evaluation is necessary.

Cairdio - Closing the gap in Pediatric health addresses the disparity in cardiac care access affecting billions of children globally. The platform functions in various settings, from established clinics to remote villages, enabling frontline staff including nurses, teachers, and rural health workers to conduct cardiac risk assessments.

"I founded Cairdio because I knew the Auscultation Gap was costing lives. Millions of children have heart conditions that go undetected simply because we lack the tools to hear them," stated Rick Jones, Founder of Cairdio. "My goal was to build a clinical guardian that ensures no child's heart condition goes unheard. Seeing our technology validated by leaders like Sanjoy Paul and the elite audience at the Lone Star Summit confirms that we are on the right path to saving lives."

HealthSeers continues advancing through the FDA clearance process while identifying strategic partners to expand the platform's reach. The company's approach includes building a secure database for continuous AI model training, enabling the platform to adapt to various pathologies and demographics.

HealthSeers, Inc. is a healthcare technology company integrating artificial intelligence into medical practices. The company's Cairdio platform combines hardware design with AI algorithms to assess cardiac health in pediatric populations worldwide.

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HealthSeers, Inc.

Cairdio eliminates a massive diagnostic blind spot in pediatric heart health by empowering frontline staff with intuitive, AI-powered technology that detects heart murmurs in seconds - murmurs that stethoscopes miss!

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