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AliveCor launches groundbreaking, AI-powered Kardia 12L ECG system in India

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Pocket-sized system detects 35 cardiac determinations, including heart attacks



AliveCor, the global leader in artificial intelligence (AI)-powered cardiology, has announced the launch of its groundbreaking Kardia 12L electrocardiogram (ECG) system in India.

Exclusively designed for use by healthcare professionals, Kardia 12L is the world's first AI-powered, handheld 12-lead ECG system with a unique single-cable design that can detect life-threatening cardiac conditions, including heart attack, with a reduced leadset.

Kardia 12L, which has received Central Drugs Standard Control Organisation (CDSCO) approval for use in India, detects 35 cardiac determinations (14 arrhythmias and 21 morphologies). This includes serious conditions like acute myocardial infarction (MI) and the most common types of cardiac ischemia.

"Kardia 12L enables physicians to rapidly detect heart diseases across a wide range of healthcare settings, making this critical medical device more accessible than ever before," said Priya Abani, CEO of AliveCor. "More importantly, the launch of the Kardia 12L ECG system in India marks a big win for physicians and patients in the country, at a time when the healthcare system has never been more constrained, or more in need of the access and efficiency this type of solution provides."

India is projected to suffer an economic loss of approximately $2.17 trillion due to cardiovascular diseases (CVD) between 2012 and 2030. While conventional 12-lead ECG machines are considered gold-standard and effective, they are limited by their size and complexity, often confining them to traditional hospital settings. Given this immense challenge, it is critically important to leverage AI-powered solutions to make life-saving cardiac diagnostics more accessible and affordable.

First launched in the US, Kardia 12L has been met with widespread clinical acceptance, laying the groundwork for a successful global rollout. The pocket-sized system offers outstanding clinical efficiency and performance, assisting clinicians in rapid disease detection and enhancing patient experience.