

Aarthi Scans introduces innovative AI screening to assess risk of heart attacks

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Aarthi Scan and Siemens unite to introduce cutting-edge AI screening for heart health

Chennai-headquartered Aarthi Scans & Labs, a pan-India integrated diagnostic chain, has announced a strategic partnership with Siemens Healthineers for a cause. The aim of this collaboration is to offer artificial intelligence (AI)-based calcium scoring of heart by CT scanning, which measures the amount of calcium deposition in the arteries supplying the heart.

Previously, CT calcium scoring of the heart was possible only in high-end CT scanners equipped with dedicated acquisition techniques, making it unaffordable for the general public and unviable for mass screening. But by using AI technology by Siemens Healthineers, Aarthi Scans has rolled out CT calcium scoring of the heart in all its 45 branches across 10 states.

This AI technology from Siemens Healthineers is FDA-approved and analyses images from low-dose Chest CT exams which apart from calcium scoring of the heart, may support detection of additional abnormalities like dilated aortic diameter, abnormal height and density of the thoracic vertebral bodies, lung nodules and high pulmonary density values, that are imaging markers for other life-threatening diseases.