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Telerad Group unveils AI-based solution for enhanced pulmonary embolism detection in radiology

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Cutting-edge AI algorithm to strengthen the efficacy of â??Made in Indiaâ?? pulmonary embolism assist solution



Telerad Group, a leading global provider of remote radiology services, has unveiled a breakthrough artificial intelligence (AI)-based solution to assist radiologists around the world in their workflow and to improve accuracy and efficiency of Pulmonary Embolism detection.

Pulmonary embolism (PE) is a grave medical condition that affects millions of people globally, occurring when a blood clot obstructs the arteries in the lungs, potentially leading to life-threatening consequences.

The technology was launched at the Radiological Society of North America (RSNA), held from November 26-29, 2023. The revolutionary Pulmonary Embolism Assist (PE Assist) promises to reshape the global landscape of medical diagnostics used in the analysis of chest and thoraco-abdominal Computed Tomography angiography.

PE Assist is designed to assist radiologists in flagging and communicating suspected positive findings of chest CT angiograms for pulmonary embolism, thus enabling quicker intervention and potentially saving lives. PE Assist utilises state-of-the-art artificial intelligence algorithms to analyze medical images, classify thrombus into four subclasses, and provide critical information about the presence or absence of right heart strain.