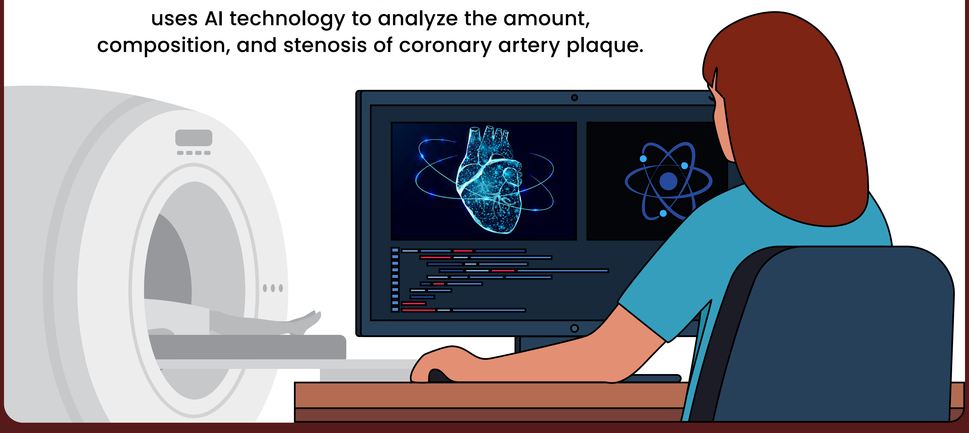
Understanding the Prognostic Value of **AI-Based Quantitative Coronary CT**

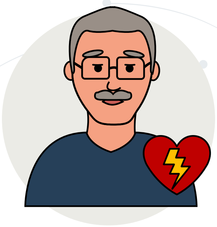
Artificial Intelligence Quantitative Computed Tomography (AI-QCT)

uses AI technology to analyze the amount, composition, and stenosis of coronary artery plaque.



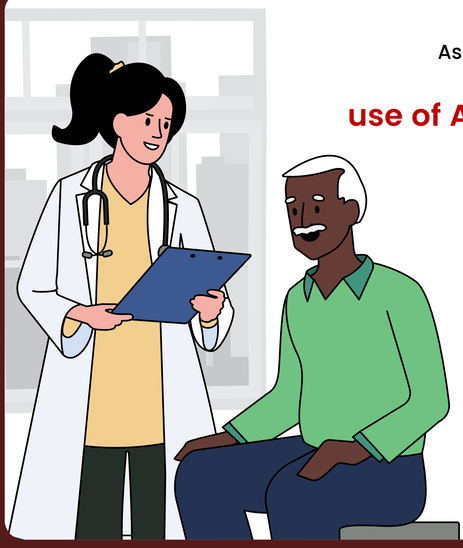
The CONFIRM2 Registry

Is an ongoing registry of clinically indicated coronary CT angiography



Includes 3,551 symptomatic patients without prior coronary artery disease from 18 sites in 13 countries

Has a patient follow-up period of 4.8 ± 2.2 years for major cardiac events



Assessing a cohort of patients from the CONFIRM2 Registry found

use of AI-QCT resulted in improved risk stratification for

- **Major adverse cardiovascular events**
- **Myocardial infarction/death**

than traditional human-reader based visual interpretation provided by calcium score, CAD-RADS, and DUKE CAD index.

Watch *Leading Insights*

with Professors **Jessica M. Peña** and **Alexander van Rosendael** to learn more.

IAS INTERNATIONAL ATHEROSCLEROSIS SOCIETY