BioSpectrum
the business of Bio & Health Sciences

Maharashtra gets first operational AI-powered heart disease prevention model

21 July 2025 | News

A pioneering step to prevent heart disease in under 5 minutes, even before symptoms appear

Jaslok Hospital & Research Centre has partnered with AnginaX AI, India's first licensed AI Doctor Assistant in cardiology, to launch Maharashtra's first operational AI-powered heart disease prevention model.

This collaboration places Jaslok at the forefront of India's shift from late-stage cardiac intervention to early, technology-driven prevention. The advanced AnginaX AI system, now deployed across Jaslok's outpatient departments, enables doctors to assess cardiovascular risk in just seconds using structured, science-backed reports that identify risk even before symptoms appear and recommend personalised lifestyle and treatment plans.

With heart disease affecting millions of Indians and often going undetected until it's too late, this prevention model brings speed, clarity, and access to the very first point of contact: the OPD.

The AnginaX system evaluates more than 20 critical clinical and lifestyle-based indicators, including extended lipid profiles, blood sugar, inflammatory biomarkers, metabolic complexities, family history, and lifestyle patterns. Based on validated Indian data, the system generates a structured clinical summary that includes individualized risk stratification, investigation recommendations specific to each patient, and clear, actionable treatment and follow-up guidance.

Recognising that cost and fear are often barriers to early checkups, Jaslok and AnginaX have ensured the programme is fast, accessible and affordable, making prevention routine rather than rare.

Jaslok has also launched AI-powered initiative "Dil Fit, Life Hit" under the leadership of Dr Ashwin B. Mehta, bringing structured cardiovascular prevention into everyday clinical care. The programme empowers doctors, transforms OPD practice, and makes prevention accessible to every patient, not just those with symptoms.