# "Trust is fundamental to any meaningful use of AI in healthcare"

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With the aim of fostering dialogue around the future of healthcare innovation, Apollo Hospitals organised the International Health Dialogue (IHD) 2026 in Hyderabad. The event brought together global experts to explore how emerging technologies are redefining healthcare systems while reinforcing the importance of human-centred care. In an interaction with BioSpectrum India, Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals, shared her insights on the future of digital healthcare and the expanding role of artificial intelligence (AI) in India.
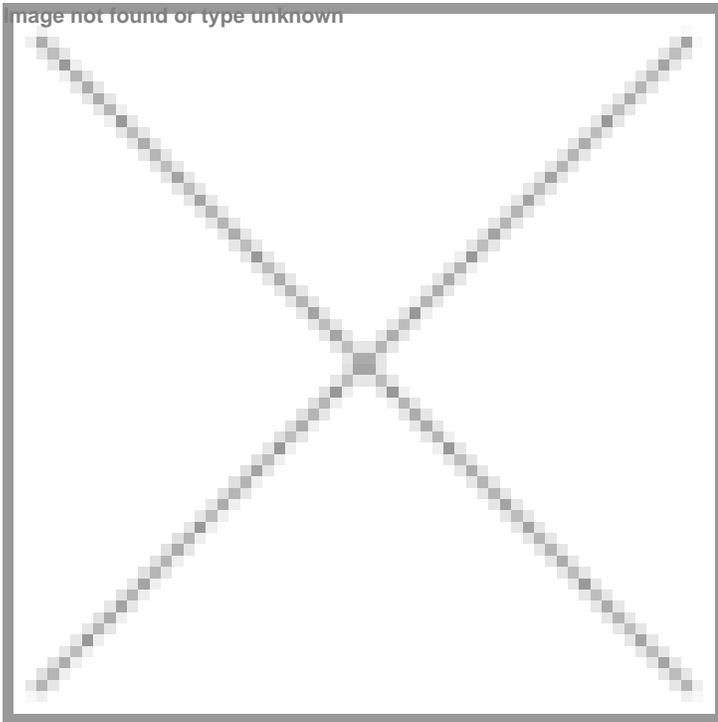
How is Apollo Hospitals integrating AI across the continuum of care?

We are integrating AI across key stages of the patient journey — from early detection and diagnosis to inpatient monitoring, recovery, and ongoing health management. Advanced clinical intelligence engines and generative AI copilots assist clinicians with real‑time decision insights, helping structure data, reduce documentation time, and support more consistent quality of care. AI‑driven imaging and decision tools are accelerating diagnosis in time‑critical conditions such as stroke and oncology, while predictive analytics combined with connected monitoring devices — including remote and in‑hospital patches, ECG and other vitals monitoring — enable earlier identification of clinical deterioration.

Could you provide an overview of the recent MoU with Roche Diagnostics in India?

The MoU with Roche Diagnostics India is designed to strengthen AI-led clinical decision support and accelerate early diagnosis of complex diseases, while improving workflow efficiency across care delivery. As part of this collaboration, Roche's 'Navify', a cloud-based clinical decision support platform, will be deployed alongside Apollo's existing clinical systems.

In what ways are these technologies improving clinical decision-making and patient outcomes?

These technologies improve outcomes by reducing three delays.

Delay in seeking care: Risk scoring and smarter screening bring concerns to attention before a crisis event is triggered.

Delay in diagnosis: AI-assisted workflows and integrated systems reduce turnaround time and help clinicians reach decisions faster, while taking away repetitive documentation burden that contributes to fatigue and variability

Delay in action: When results, clinical context, and decision support sit inside the same workflow, treatment decisions happen sooner and with more consistency across settings, including remote and distributed care.

What is Apollo's long‑term vision for AI in healthcare?

We view AI as a foundational pillar of the future healthcare ecosystem, central to delivering earlier, more preventive and personalised care at scale. Ongoing investments are focused on predictive diagnostics, real‑time clinical intelligence, and precision medicine, building on Apollo's clinical intelligence engine, risk models, and AI‑enabled monitoring capabilities. For example, the collaboration with Siemens Healthineers is advancing AI‑based detection and non‑invasive risk stratification for liver disease, including early fibrosis identification. As these technologies mature, Apollo is scaling them across its hospital network and digital health platforms to broaden access, enable earlier intervention, and support more proactive care for large patient populations in India and beyond.

How is AI contributing to cost optimisation and sustainability in healthcare?

Efficiency gains created through AI translate to better utilisation of scarce clinical and physical resources. Automation of administrative and documentation tasks reduces clinician workload, allowing doctors and nurses to dedicate more time to complex patient needs while also mitigating burnout. Predictive monitoring and early warning systems help prevent complications and unplanned escalations of care, which can in turn reduce ICU days and avoid certain readmissions.

How should healthcare systems approach ethical and responsible AI adoption?

Trust is fundamental to any meaningful use of AI in healthcare. Patient data must remain secure, and AI must always operate within strong clinical governance and data‑protection frameworks. At Apollo, AI tools are developed, piloted, and validated under clinician supervision, with a focus on safety, relevance for Indian patient populations, and collaboration with global institutions for external validation. Transparency is equally important — clinicians and patients should understand how AI is supporting, not replacing, clinical judgement — and balanced regulatory frameworks are essential to foster innovation while ensuring ethical, equitable, and safe deployment of AI across healthcare systems.

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