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BM Birla Heart Hospital spearheads â??Enhanced Cardiac Careâ?? programme with Dozee

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Focusing on continuous monitoring to identify and address clinical deterioration early



BM Birla Heart Hospital, a part of the $ 2.4 billion diversified CK Birla Group, has embraced technology with a digital-first initiative 'Enhanced Cardiac Care' programme.

This initiative marks a significant step towards preventive and proactive care by integrating Dozee's AI-based Contactless Remote Patient Monitoring (RPM) and Early Warning System (EWS) into all ward beds; the hospital moves beyond reactive measures, focusing on continuous monitoring to identify and address clinical deterioration early.

Bengaluru-based startup Dozee enables healthcare workers to remotely monitor patients' vital parameters such as heart rate, respiration rate, blood pressure, SPO2 levels, temperature, and ECG. Dozee's Early Warning System (EWS) tracks the trends of vital parameters and provides alerts to healthcare providers for early detection of patients' clinical deterioration, enabling timely medical intervention. Dozee uses AI-based Ballistocardiography (BCG) for contactless vitals monitoring. Dozee's technology is patented and made in India.

Research done by independent consulting firm Sattva shows that for every ~100 Dozee-connected beds, it can save ~144 lives and ~80% of the time taken for vitals by nurses and reduce ICU ALOS (average length of stay) by ~1.3 days.