

Dozee launches contactless vitals monitor for hospitals

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Dozee, a Bengaluru based startup working on contactless remote patient monitoring (RPM) solutions, has announced the launch of Dozee Pro, a contactless vitals monitor for hospitals. The Dozee Pro features an AI-powered triaging system that converts any bed into a step-down ICU in under two minutes and enables remote monitoring of patients outside of the ICU.

Dozee Pro enables the continuous (more than 100 times per hour) and accurate monitoring of a patient's heart rate, respiratory rate, and other clinical parameters like sleep apnea, myocardial performance metrics without coming in contact with the patient. The Dozee Pro also features an extensible platform where it integrates with other devices such as SPO2 sensor, ECG and temperature sensor to provide the entire suite of vitals parameters including oxygen saturation, body temperature and ECG.

The Dozee Pro captures 250 data samples per second and gives a reading every 30 seconds.

Made in India, Dozee Pro has been launched with a 98.4% medical grade accuracy after successful clinical trials conducted with over 1000 subjects at NIMHANS and Sri Jayadeva Institute. Apart from its use in hospitals, Dozee Pro also allows healthcare providers to remotely monitor patients' vital signs, receive updates and deterioration alerts from home and other care settings outside the hospital.

Dr Nishanth, Associate Professor of Cardiology, Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bengaluru, states, "Dozee's contactless remote patient monitoring (RPM) & risk based stratification of patients is one such technology which possibly can be a game changer for patient monitoring in hospitals, at home and for early screening of health disorders."

Mudit Dandwate, CEO & Co-founder, Dozee, says, "Dozee provides doctors with continuous data on a patient's vitals and raises an alert when there is deterioration in health, empowering them to make informed care decisions no matter where they are."