

Government hospitals in Bengaluru pick Dozee for continuous patient monitoring

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Dozee will enable hospital staff to continuously and accurately monitor patient heart rate, respiratory rate and oxygen saturation.



Dozee has partnered with Victoria Hospital and ESIC Hospital in Bengaluru to equip the hospitals with remote monitoring capabilities. Dozee has deployed 100 devices to monitor patients continuously and without the need for any physical contact from medical practitioners

Bengaluru based startup Dozee will enable hospital staff to continuously and accurately monitor patient heart rate, respiratory rate and oxygen saturation. This consistent stream of patient data will aid the nursing staff with early detection of patient deterioration and notify the care team of any abnormalities that may be detected before it becomes critical. Doctors & healthcare teams can monitor patients' health on a single screen remotely, reducing the need for nurses to physically go and check patients' vitals. Custom alerts can be put on every patient, helping doctors optimise and focus on deteriorating patients and provide improved proactive care.

Dozee has also received support from ACT Grants (Action COVID-19 Team) to deploy these devices. ACT Grants have also supported the Dozee team for deployments in various hospitals in Tamil Nadu, Rajasthan and other places in India. ACT Grants is a Rs 100 crore grant created by India's start-up community to support capital-efficient, scalable solutions from NGOs and innovative start-ups which need an initial seed grant to fight the spread of COVID-19.

Completely Made in India, Dozee tracks and continuously monitors key vitals of the human body such as heart rate, respiration rate, oxygen saturation, sleep stages, stress-recovery and more with a medical-grade 98.4% accuracy. The contactless sensor, placed under the mattress captures real-time body vitals without using any external wires or touching the user's body. The sensor captures micro-vibrations produced by the body every time the heart pumps blood, during inhalation, exhalation, muscle twitches, tremors and body movements. An AI-powered, Early Warning System then converts these

signals into biomarkers and uses the data to present an analysis of the patient's health.