

## ReMeDi NOVATM Digital Health Solutions - Potential COVID-19 Solution



New Delhi, June 29: The Department of Biotechnology's public sector enterprise, Biotechnology Industry Research Assistance Council (DBT-BIRAC) is supporting a new digital health solution called MeDi® SCAN-CORONA that is a combination of a set of medical devices and software applications. The solution which can be of immense use in the context of the Covid-19 pandemic sweeping across the world has been jointly developed by e-Zest Solutions Ltd. and Neurosynaptic Communications Pvt. Ltd.

The system can be used both as an individualised application for self-screening by Individuals or for mass screening by nurses and other health workers. In the case of individuals, he or she can download the application and get a risk assessment for the infection by filling up details like travel history, contact history and symptoms. This screening can be done by an individual any number of times to check for updates in risk assessment. If the individual is at high risk, the application would prompt him or her to immediately visit a hospital. The location of the individual is also tagged with his/her consent.

The screening Kit for Health Workers/Nurses is very similar to that for self use by individuals. The only difference is it will be used for mass screening. This kit includes a tablet and IR thermometer, as well as a rapid test kit (lateral flow assay) for the Corona suspects, and BP, SPO2 for other patients, who might need care, but are not corona suspects. The health worker/nurse will fill up the details for the patients. It is ideal for Hospitals or NGOs to carry out screenings at a large scale. There is a facility for teleconsultation for non-Corona Patients who have been indicated as medium or low risk and may need consultation.

The package includes an application named incReMeDi® CORONA Consult that offers direct-to-home or clinic tele-consultation. This is an application which can provide tele-consultation to either a person assisted by a health worker at a mass screening location, or

directly to the masses either through a web-based application on a laptop, or a downloadable app on an android smartphone. Hospitals can utilize this application by setting up teleconsultation hubs with doctors . It offers an ideal mechanism for providing healthcare services to a large number of patients, who may wish not to visit the hospitals due to fear of infection. It will also help the hospitals to avoid patients from crowding and thus prevent overloading of their infrastructure.

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