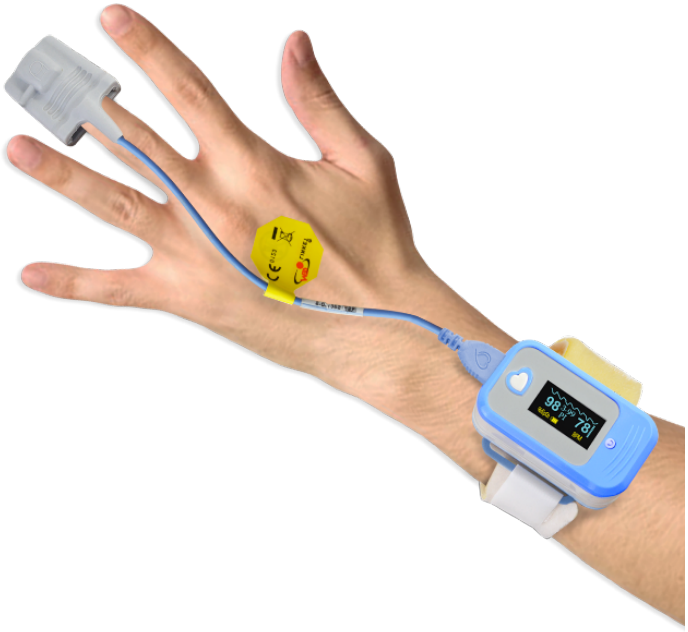
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IIT M, Helyxon develop remote patient monitoring device for COVID-19

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Cost of the device ranges from Rs. 2,500 to 10,000 depending on the configuration and parameters



IIT Madras' Healthcare Technology Innovation Centre (HTIC) and Helyxon, a healthcare startup in IIT Madras Research Park have announced successful deployment of remote patient monitoring solutions for COVID-19 that they have jointly developed.

The device is a first-of-its-kind in the market that does clinically accurate continuous monitoring of four critical parameters – Temperature, Oxygen Saturation, Respiratory Rate and Heart Rate.

The device has already reached over 2,000 patients in public and private hospitals, and at homes, with another 5,000 devices in the pipeline. Production is being scaled up to meet the growing demand.

Cost of the device ranges from Rs. 2,500 to 10,000 depending on the configuration and parameters. The device is completely self-contained, portable, wireless and can be clipped on to patient's finger and data is streamed to a mobile phone or central monitoring system. The temperature is measured at the armpit and blood oxygen level, and other parameters at the finger itself.

The device is reusable and has a lifetime of over a year. The devices can be used by the hospitals and doctors for patient management beyond COVID-19.