

Supportive care for COVID-19 patients at home itself



New Delhi, June 15: The outbreak of Novel Coronavirus has brought the whole country to a standstill. New initiatives and efforts are being taken to fight this pandemic. Entrepreneurs and innovators across the country have responded quickly to the challenges posed by the COVID-19.

The Department of Biotechnology's Biotechnology Industry Research Assistance Council (DBT-BIRAC) is supporting a solution that seamlessly combines clinical telepresence technology, collaboration framework, and last mile clinical network of doctors, nurses, therapists and phlebotomists. It enables doctor-driven specialty care to patients at home, reducing hospital visits and stays and providing all the facilities in the comfort of home.

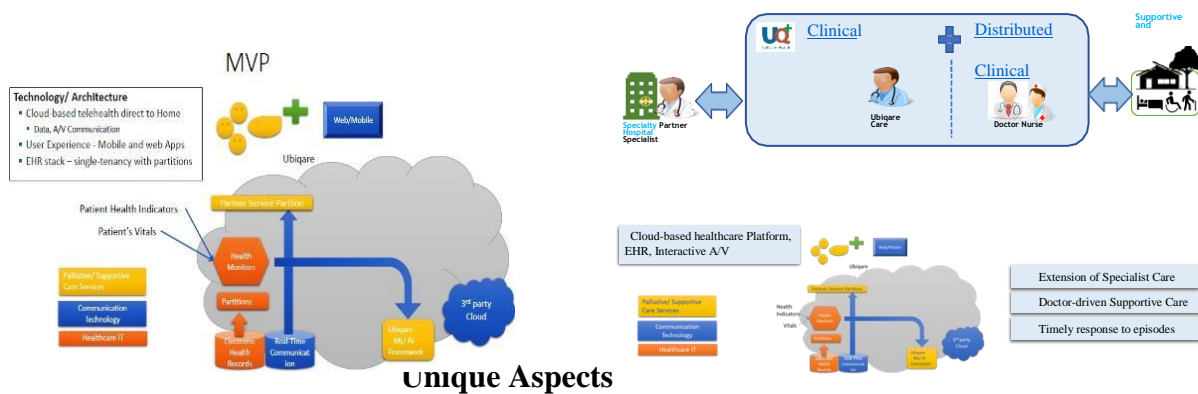
With the new system developed by Ubiqare Health Pvt Ltd., the patients can be cared for at home during most of the illness trajectory - from the Asymptomatic stage to Mild Symptoms to Moderate Symptoms stage. This enables the hospital infrastructure to be leveraged for only those with severe symptoms. The governments have been taking a lot of measures to ensure that the hospitals are well equipped to serve those in need. This healthcare innovation ensures all the breeds of patients are taken care of well even if someone chose to stay at home and get treated.

How does it work for patients in different stages?

- In the Asymptomatic stage and Mild Symptoms stage, the patients' health will be self-monitored, and the data will be uploaded to the cloud for analysis by an algorithm. This analysis will further be reviewed by the care doctor. Interventions

for collecting lab samples for testing will be supported. Non-compliance to care protocols during quarantine will be detected and alerted. During this stage family members will also be monitored.

- In the Moderate stage, it will help in the shifting of the patients to a nearby isolation ward and be supported by the Care doctor over the telepresence platform.
- For those with Severe symptoms or patients with epidemiological risks, it will support in shifting them to hospital under specialists' care.



Covid-19 patients at home who are under care from Ubiqare, will get:

- Extension of care of Pulmonologist/ Physician and interactive clinical telepresence
- Regular Monitoring by IoT enabled medical devices with cloud-based analytics on EHR
- Analytics-Assisted Triaging and Tele-Consultation by Ubiqare Doctor/ Pulmonologist/ Physician
- Sample collection or interventions by the last mile clinical network/ healthcare workers.

The subscription for this health solution ranges from Rs. 15,000 to Rs 20,000 per month.

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