

## A potential solution for monitoring severity of COVID-19 patients

New Delhi, July 13: Artificial Intelligence (AI) is the future. It is revolutionizing various industrial sectors including healthcare. Innovators are already using AI in healthcare to deliver better health-related facilities for the masses through Apps. AI is marching forward in the medical field.



One such start-up is Predible Health Pvt. Ltd. It has come up with an innovation called Lung IQ. This innovation is a holistic AI-based application for the diagnosis and monitoring of respiratory conditions. The solution currently enables early detection of lung cancer, characterization of chronic obstructive pulmonary diseases and monitoring of interstitial lung diseases.

This innovation has been developed by using large proprietary datasets with customized algorithms for detection, qualification and diagnosis. It is compatible with all kinds of CT scanners. It can help radiologists detect and quantify findings better in daily practice. It is also available as a joint solution with teleradiology for an end to end reading.

The Department of Biotechnology's public sector undertaking Biotechnology Industry Research Assistance Council (DBT-BIRAC) is supporting the innovation. It is a potential solution for monitoring the severity of COVID-19 patients. It can help radiologists detect, quantify and communicate COVID19 findings from Lung CT images. The findings of COVID19 are very similar to that of other infectious and inflammatory diseases and this ready-to-use product can be helpful in the fight against COVID19 pandemic.

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