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(57) Abstract :

The present invention relates to a system and method for real-time infectious disease detection. The invention provides artificial intelligence based COVID-19 screening system based on analysis of X-ray images. The system reduces the workload of radiologist by classifying thousand of images on a single click and generate a report. The procedure for identification of disease is contactless and need no trained manpower to perform detection, and can be utilized via cloud for immediate monitoring of routine patients as well as those in an emergency.

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