

Robotics and Artificial Intelligence in Healthcare During COVID-19 Pandemic

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Abstract: *The outrage of the COVID-19 has hit the healthcare industry tremendously. This pandemic has created a huge demand for necessary medical equipment, medicines, advanced requirement robots, and artificial intelligence-based applications. Intelligent robots have great potential to provide diagnostic risk assessment, monitoring, telehealth, disinfection, and other services other operations. The long-awaited vaccine discovery of this virus has also been greatly accelerated by the AI-enabled tool. Also, many robotic and Robotic Process Automation platforms have greatly facilitated the distribution of the vaccine. cutting edges technology have also helped brings comfort to people facing less addressed health complication. This paper investigates the use of robotics and artificial intelligence-based technology and their applications in healthcare to fight against the COVID-19 pandemic.*

Keywords: COVID-19, Robotics, Artificial intelligence, Health care, SARS-CoV-2.

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