

## Review Article

### Healthcare Innovations for COVID-19: A Review

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The Coronavirus Disease 2019 (COVID-19) pandemic created unprecedented challenges for healthcare systems worldwide, demanding rapid development and implementation of innovative solutions. Healthcare innovations during the pandemic ranged from telemedicine and artificial intelligence-based diagnostics to advanced vaccine technologies, robotics, and digital health platforms. These innovations played a crucial role in improving diagnosis, treatment, surveillance, and prevention of disease transmission. This review summarizes key healthcare innovations introduced during the COVID-19 pandemic and evaluates their impact on healthcare delivery and preparedness for future pandemics.

**Keywords:** COVID-19 coronavirus Disease 2019 pandemic Healthcare systems Healthcare innovation Telemedicine vaccine technologies Advanced vaccines Robotics in Healthcare Digital Health platform Diseases Diagnosis Treatment strategies Digital surveillance infection prevention Transmission control

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