

## Digital Health

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The recent Covid-19 pandemic has developed the critical importance of digital technologies in healthcare. Now more than ever, traditional models of healthcare are being replaced by increasingly digital technologies, with many people relying on the Internet and digital devices to access medical services and treatments. The advancement of digital tools is revolutionizing health services and many emerging devices promise special care for patients.

Biosensors are used for full-time patient monitoring, which enables rapid diagnosis and interventions. Robots are also active for care, rehabilitation and precise surgeries even remotely or targeted delivery of medicine. Also, artificial intelligence and machine learning are widely used to build automated clinical decision-making systems in medicine. Digital devices have the ability to accurately diagnose even early stages of disease, treat disease, and enhance health care for personalized medicine, offering numerous opportunities to facilitate prevention, early detection of life-threatening diseases, and management of chronic conditions outside of traditional health care settings.

Digital health is the flow of data from patients (data generated simultaneously by the patient), transfer to devices or specialists or health machines that analyze the data and provide meaning and model creation, then provide information and treatments and managed the needs of the patient.

For the progress and optimal use of medicine, the issue of digital health literacy is an urgent need for the support of basic and fundamental sciences converging with engineering sciences so that in-depth work and genuine diagnosis of diseases, especially complex and incurable diseases, can be achieved in the early stages.

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