



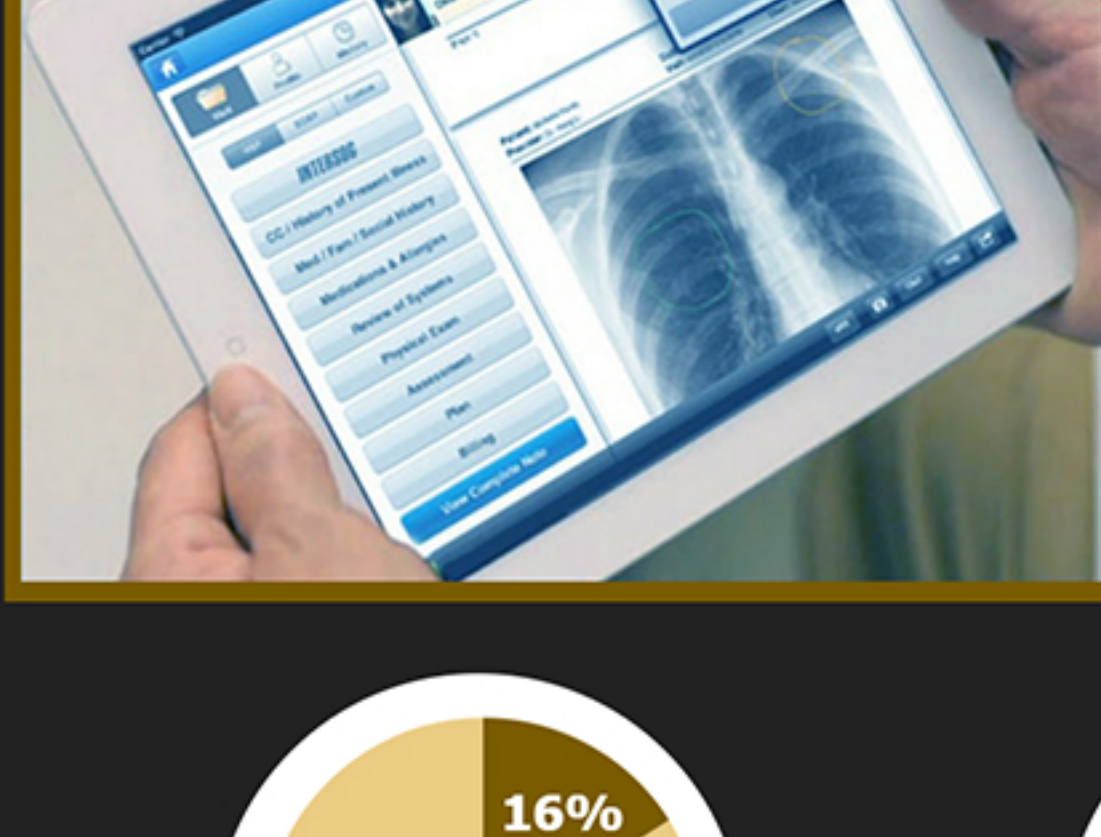
# The Impact Of Technology On Healthcare

Advancements in medical technology have allowed physicians to better diagnose and treat their patients since the beginning of the time.



Thanks to the continuous development of technology in the medical field, countless lives have been saved and the overall quality of life continues to improve over time.

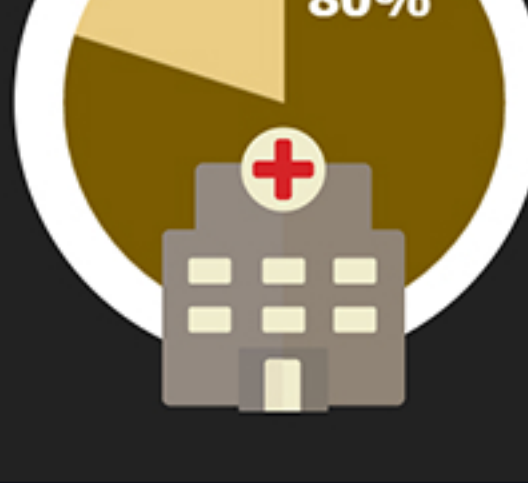
Some of the technological advances, that emerged in the last decade and helped reshape medical healthcare include:



## 1 Electronic Health Record (EHR)



In 2009, only 16% of the U.S. hospitals were using an EHR.



By 2013, that number exploded and rose to over 80%.

For a long time, hospitals had such disparate systems where one system handled pharmacy, other did orders and another took care of documentation.

EHR has helped in integrating these systems into a single platform that allows more integrated and efficient care for patients.

EHR has created big strides in the centralization and efficiency of patient information. It will also be used as a data and population health tool for the future.

When this data is used to make medical decisions, it's going to change and improve outcomes of the consistency of medicines delivered.



## 2 mHealth



Mobile health is freeing healthcare devices of wires and cords, enabling physicians and patients alike to check on healthcare processes on-the-go.

Physicians and service providers can use mHealth tools for orders, documentation and simply to reach more information when with patients.



Through mHealth, physicians have the opportunity to take healthcare monitoring out of the office and lab, and make it a basic part of patient care.

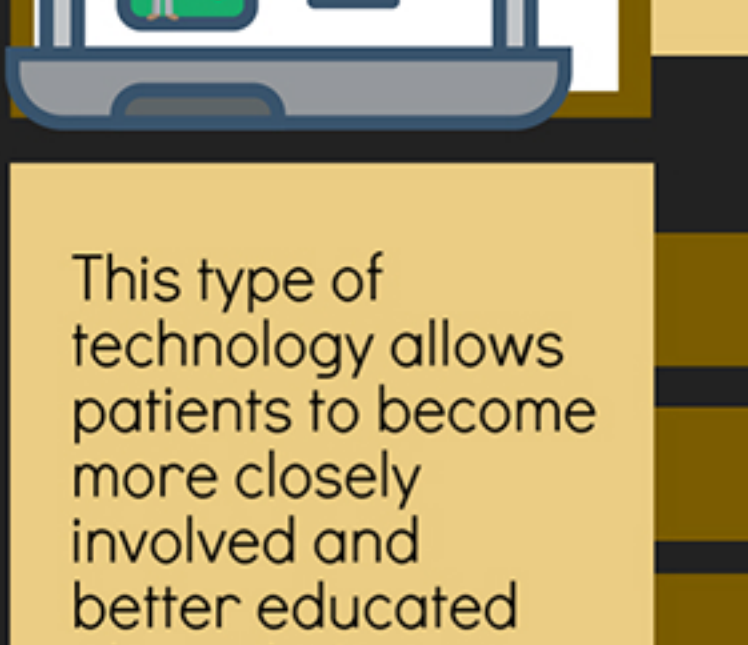


A market research report estimates that the global mHealth market will reach \$20.7 billion by 2019, indicating it is only becoming bigger and more prevalent.



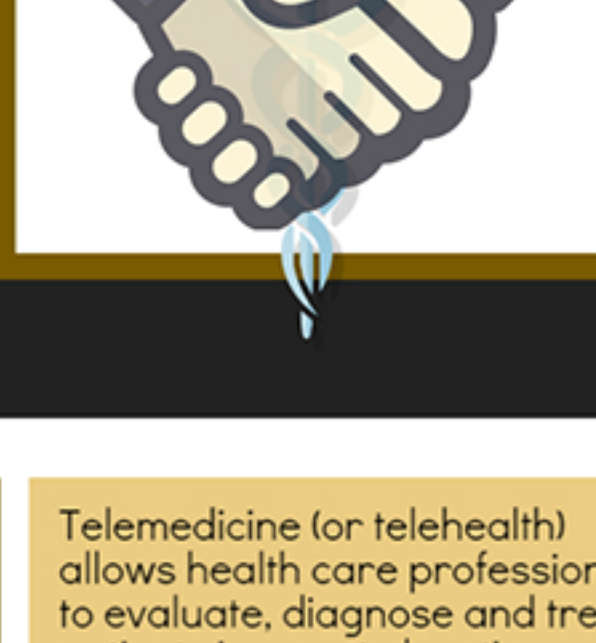
## 3 Portal Technology

Portal technology allows physicians and patients to access medical records and interact online in an efficient manner.



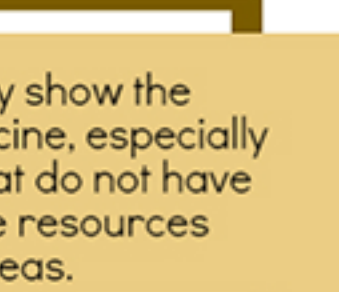
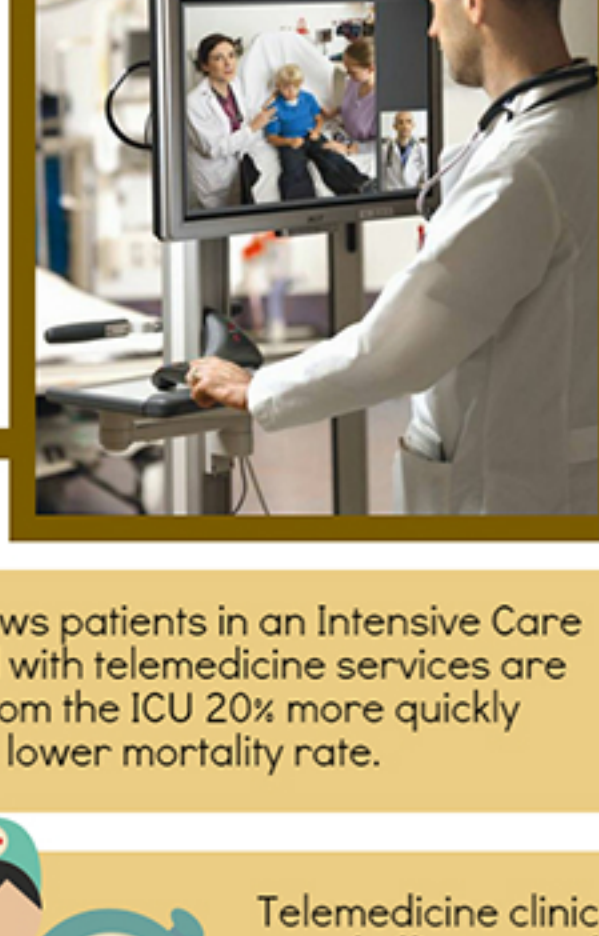
This type of technology allows patients to become more closely involved and better educated about their care.

It empowers the patient and adds a degree of control in care where they can become an active participant.



## 4 Telemedicine/ Telehealth

Telemedicine (or telehealth) allows health care professionals to evaluate, diagnose and treat patients in remote locations using telecommunications technology.



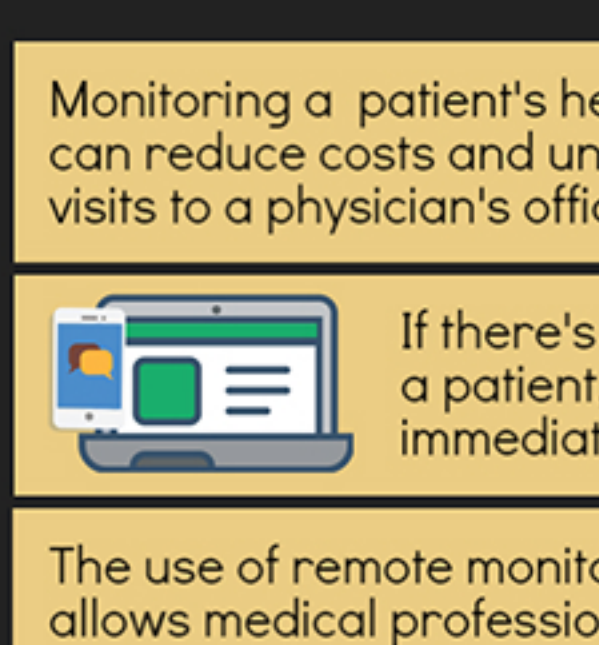
Studies consistently show the benefit of telemedicine, especially in rural settings that do not have access to the same resources as metropolitan areas.



Research shows patients in an Intensive Care Unit equipped with telemedicine services are discharged from the ICU 20% more quickly and have 26% lower mortality rate.



Telemedicine clinics also reduce time-out of office costs for employees and employers by eliminating the need to leave work to go to a primary care office.



## 5 Remote Monitoring Tools

Monitoring a patient's health at home can reduce costs and unnecessary visits to a physician's office.



If there's something wrong with a patient, they can be contacted immediately and provide help.

The use of remote monitoring tools allows medical professional to monitor your health for you.



It is the perfect solution for patients with serious and chronic illnesses who cannot travel a lot.



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