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# THE IMPACT OF TECHNOLOGY ON HEALTHCARE

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**Abstract:** In this article discussed advantages and disadvantages of electronic items in medicine place.

**Key words:** big data, electronic medical records, telemedicine;

It is amazing to pay attention and see how far our world is coming technologically. If someone from 100 years ago suddenly found themselves in today's world. They would think they had been teleported into dimension. The same said about technology in healthcare. Technology has brought to our life massive welcome change to the healthcare field. Now patients have access to some of the best diagnostic tools, new treatments quicker healing. Technology is carrying wonders to healthcare world. We have advanced sharply from previous years and scientists and researchers are still trying to find different ways to improve the system. Nowadays, technology plays a big role in health care. There are so many barriers that stop people from receiving the help and find a cure that need to with the help of technology. With the improvement of technology, we have witnessed how people's health and well-being has improved by using fitness and watches that track calories and footsteps. According to researchers' opinions technology was conducted on the gadgets, apps and devices are shaping health care today. The same can be said about technology in healthcare. There are some top of healthcare technology and healthcare industry and innovations that are revolutionizing the field. The first one is availability of information. The accessibility of data and the means to store and process it is a hallmark of technological age. The Net search features and the ability for healthcare professionals to fast share information have improved the synthesis and analysis of date. The next one is in healthcare "Big data" allows the entire field to benefit from comprehensive research studies. They can also draw from exciting studies for comprehensive meta-analysis. This item allows medical professionals to stay on the top of healthcare trends, techniques and technologies. This can be used to automatically define risk factors and give a recommendation the right preventive treatment by comparing patient data with data from thousands of another patient. The another one is Electronic medical records. Previously, medical information from visits to the general practitioner, medical specialist allied health professionals and dentists were held in separate locations with different health practitioners and hospitals. With the help of Electronic records doctors can check all patient histories test results, diagnoses and relevant information to be kept in an online location. The data allows for more focused and accurate as well as the ability to see health trends for each individual. The last one is Telemedicine very popular nowadays. Tele medicine can serve such as video-conferencing are getting most effective way to check health services. It is beneficial to those people who are living in rural, regional and requiring access to medical specialists who live far away. If you have any other medical workers and practitioners or practice nurses providing face-to-face clinical services to the patients during the teleconsultation with the specialist to ensure the correct procedures are carried out. There is another benefit of teleconsultation to healthcare workers on location as specialist can provide education and training. The positive impact of technology in healthcare is clear. Hospitals that make a digital transition experience all of these benefits of healthcare technology, trends and innovation. Embracing digital healthcare services are followings:

- cutting-edge digital platforms
- improved operational efficiency

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- integrated approach to patient care
  - better patient outcomes
  - reduced cost

However, there are some negative impacts of electronic health records. Right, EHC can change everything for the better. Rather than a record system that works fluently, permanently many networks have lack of interconnection, which means that many do not have ability to communicate between one another. Sometimes, this lack of communication can put patient's health in danger.

Improved patient care. Technology has placed at the disposal of the healthcare community different patient items to improve patient care. Since EHR are easily available to physicians they can access complete medical histories of patients and make the well-considered medical decisions with the help of this item, doctors can identify quickly possible medication errors. They can do this by using apps such as barcode scanners and patient safety improves as a result. To conclude, Technological developments are better adopted into the healthcare fields in some parts of the world than others. Developed nations have been able to harness technology more efficiently for improved patient care; However, developing nations are catching up quickly. Healthcare providers who have not yet adopted the tools technology places at their disposal are realizing their vast untapped potential and are making the changes and the investments, required to streamline processes, lower costs increase efficiency and most important to improve quality of care.

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