

# NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR



## ASSIGNMENT ON EVOLUTION OF MODERN HEALTH CARE SYSTEM

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# Evolution of modern healthcare system

## 1 INTRODUCTION

Modern healthcare has been transformed by advances in technology. The rise of a consumerization culture where people can easily shop around for suitable services also has an impact on modern healthcare. Medical practice managers need to respond to these changes by developing strategies to provide the best patient care while remaining profitable.

For decades, technology has been used in medicine to operate specialist machinery, like MRI scanners and x-ray machines. Increasingly, technology is being used to provide a better patient experience and run a more efficient practice. Modern healthcare requires the adoption of new ways of working and liaising with patients alongside providing expected standards of care.

## 2 PAST TO PRESENT

In the earlier 20th century there used to be only black bag in name of hospital, women used to give birth at home only . As the time passess the awarness of hospital increases and people used to prefer going hospital. And in the hos[pital their was only basic facilities.

With advancement of technology new medical equipment start discovering .After the discovery of ECG in 1903 , new phase of

cardiovascular medicine begins .

Then after the discovery of X Ray machines , radiology becomes the separate department at hospital.In 1927 first heart lung bypass happen.

And now a day because of modern technology gene diseases can be cure. Artificial heart ,brain ,kidney has been discover now a days.

And with the advancement of new technology data of patients are secured are now and we can get it after many year when we are needed.DNA modification also become possible now because of Artificial intelligence with healthcare.

For patients, wearable devices like smart watches, fitness bands and wireless connected devices such as BP and heart rate monitoring cuffs help them get access to their personal health on immediate basis, especially elderly patients

With the advancements made in technology, it is only natural to expect it to improve the lives of people and healthcare services everywhere. These technologies have, nevertheless, been working to change the status quo and are helping the healthcare system to improve globally. The procedures of approaching and seeing a doctor along with treatments are undergoing a huge change. The advent of new age technologies such as Artificial Intelligence, Internet of Things (IoT), Virtual Reality, and Data Analytics are bringing unforeseen developments to the sector in the last decade.

The technology is going to become an important limb of modern healthcare as every sector is undergoing digital transf

### **3 FACTOR INFLUENCING MODERN HEALTH CARE SYSTEM**

- High technology
- Professional development
- Changing pattern of disease
- Socio demographic changes
- Public demand and expectation