

Health discussion

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Challenges³ Posed By the Use of Medical Technology

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Challenges Posed By the Use of Medical Technology

Healthcare is a vital part of society. People suffer from diverse medical conditions which vary in intensity. The bottom line on any medical condition is that no one wants to be in that state. The feeling of general wellbeing is what everyone wants but not what everyone gets. People get conditions at different points in their lives some severe more than others. Over the years, the world has changed in terms of technology. The change was gradual, but it is evident that it has taken place, and its impact has been felt in the healthcare industry. The wave of technological change has been received with open hands paving the way for better services. While this technology has brought many benefits in the industry, it is faced by challenges.

If history is anything to go by, it is evident that anytime the use of technology has been used in an industry, people lose jobs. Technology is anything that makes work easier and more efficient. Use of technology in the healthcare industry is a sure way to ensure that the services provided are good, and there is minimal time taken. Some have already felt the impact of having technology in the industry. Hospitals and clinics had workers responsible for writing, storing, and retrieving medical files of patients. Technology has removed these jobs from the market by providing better methods of capturing, storing, and retrieving patient records. Some hospitals are embracing the use of artificial intelligence which disqualifies the need of having a receptionist. One of the biggest challenges brought about by the increased use of medical technology is job insecurity (Holden & Karsh, 2010). Technology changes with time and the workers in the healthcare industry are not sure about the next invention and how it will be used. One thing for sure is that when new technology is applied, some people will lose their jobs.

The healthcare industry is one of the busiest industries available. A visit to any healthcare institution will show just how many people requiring medical care, either being admitted or

consulting. The number is enormous, and the workload for the workers in the institutions is huge. Technology comes to make things easier for them and faster for the patients. The challenge to the technology is that the workers and professions in the healthcare industry have tight schedules. There is hardly enough time for the workers to get acquainted with the new technology. This possesses a big threat to the implementation and use of this technology due to the risk of making errors. In the medical industry, there is very little room for error. This is because the slightest of errors could be a matter of life and death for a patient and a matter of reputation for the medical facility (Cresswell et al., 2010). Therefore, many of the institutions prefer holding back on implementing new technology until they have staffs who are qualified to use the technology. Technology in medical institutions cannot be used until the doctors, nurses, physicians, and all personnel's in the hospital have the required skills to use it. The health institutions are also having difficulties training their employees on the use of such technology because of the many patients and having a limited number of staffs.

Technology is great for any industry and in particular, the healthcare industry because of the many benefits. The challenge with new technology is that it is the cost is too high for most of the health institutions (Cresswell & Sheikh, 2013). The cost of technology is spread over a large surface, and this limits the number of institutions which can implement the technology. New medical technology may require that a health facility undergoes structural modifications such as creating new rooms or increasing the supporting infrastructure. Also, technology comes with an increase in power use by an institution, and some of the technology is critical meaning that there must be power backup systems. The initial cost of purchasing the technology is also very high, which carries along with the cost of installation and maintenance (Cresswell & Sheikh, 2013). In the end, once the technology has been implemented, the institutions charge very high for their

services in a bid to recover the cost. The high cost of operation means that the health facility stands to lose some of its clients as they seek cheaper services in other institutions.

Impact of beliefs and culture on the use of medical technology

Culture and belief play a vital role in how people perceive things, and health is no exception. In health, culture influences what people think about the causes of diseases and illnesses and how to prevent or to cure them. People have different beliefs and cultures, considering that there are people from all over the world in America. There are those who do not believe in the use of technology to heal diseases opting for homemade concoctions. Eventually, these people end up using medical services if their conditions worsen. There is a big portion of people who also use technology for treating small illnesses at home and making personal diagnostics by using their symptoms before consulting medical professions (Cresswell & Sheikh, 2013). The culture of seeking quality medical care has made people embrace the use of technology in the medical field.

Biblical integration: Luke 8:1-11

Sowing seeds on as much soil as possible

In the passage, the sower is not limited to planting soil on a particular type of soil. There are different places that the plants can be sown, seeds in some of these places results in good crops. The same thing applies to technology, we should not limit it to some sectors, but we should spread it all over for there is the possibility of making something great out of it.

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