

Themes By Peter Thiel And Eric Topol

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Introduction

The book by Eric Topol expresses views and concerns on medical matters. The author articulated that the Digital revolution will lead to the improvement and enhancement of healthcare services. Some of the areas of the digital medicine revolution include imaging, health information, genomics and wireless sensors. The use of technology will contribute to more progress in medicine. Biological data conversion will add to more innovation, and the medical department will realize more changes like those of computers. The book shows the use of integrated means to diagnose and treat diseases, especially those related to protein information and genomics. It will lead to better therapy because there will be continuous monitoring of the patient's biological information. The author helped in the transformation of healthcare practices. Similarly, the book by Peter Thiel shows how innovation can influence competition and monopoly in the market. People need to start something new and come up with new ideas for the progress of the businesses. The purpose of the article is to analyze the themes and show how the issues have an impact on innovation and creative destruction.

Themes By Eric Topol

The book discusses individualized anchored medicine, which uses wireless sensors to detect burned calories. It can detect sleep cycle, blood glucose, step walked and blood pressure. The sensation is on the innovation that will be able to improve healthcare practices. Wireless sensors will lead to remote monitoring and data sharing, which will form a strong foundation for virtual analysis. Human genomes and their application are used to understand the digital revolution and the provision of healthcare services. Genome sequencing may affect the operation of many processes in the body. The technology has enhanced, and people can now print organs. The printing of the organs is improved by ultrasounds, which are pocket-sized and have high resolution. It has replaced the use of a stethoscope (Topol, 2012). New technologies have adapted to healthcare facilities in the delivery of services and handling of patient information. It has become possible to imagine cancer, heart and brain. Printing of human organs has improved the diagnosis and treatment of specific diseases. Similarly, the author addresses the issue of healthcare delivery, which encompasses both the information and services given to the patient. One of the active communication modes is the use of telemedicine and bi-directional video. The feature creates a link between the providers of health services and the patients. The use of electronic health records will reduce individual and in-person visits to the emergency rooms. The process may take a long time before people adopt the new systems and their operations. Consumers play a critical role because they must be willing to participate in active system operations.

Additionally, the author combines the capture of wireless sensors and genomic data in the explanation of digital humanities. The activities will lead to the convergence of different captures of human data. For example, people who are identified to have heart attack susceptibility in their genetic lineage will need implantable microsensors that will be used to detect biomarkers that lead to heart attack. The sensors will function as a warning system just as vehicles have an engine (Topol, 2012). Early diagnosis can lead to the first intervention of the disease, hence prevention of heart attack. The book outlines safety issues related to health records. Patient records management should not lead to the loss of patient information or data. Medical information will be captured, stored, exchanged, accessed and analyzed by authorized people when they are anywhere in the world. Health record digitization will improve the delivery of healthcare services effectively. The security and privacy of the information will be provided to avoid breaching the patients' data. Electronic Health Benefits will have many benefits as the health professional will be able to access information despite the location. It will be easy to share data or information from one organization to another, which improves the convenience of delivery and the services delivered.

Themes By Peter Thiel

Furthermore, some of the themes which are outlined by Peter Thiel are competition and the creation of something new. The author articulated that avoiding games is one of the best ways to maximize profits. Competition leads to division of the benefits because the price usually goes down, which consequently affects the overall sales. When people start up a new idea and initiate a new method of production, it increases the chances of having unique products. The best strategy is to be the monopoly in the market with unique and quality products. Best products will attract consumers, and other businesses will be unable to outcompete them. A good example is the use of Google, which has become a monopoly of the Search Engine. People are pleased about it, and they love the service provided by Google. If any company wants to do better than Google, it has to put in 10 times more effort (Thiel, 2015). Another theme used is the creation of new something. People come up with something that does not exist. They start with ideas, give thorough analysis and make something unique. Business opportunities only come once, and it is high time people should utilize them. The author addresses the issue of vertical progress and horizontal progress. Vertical development is influenced by people's vision and future orientation. There is a big difference between starting up a new idea and venturing into the market. People should focus on new opportunities rather than venturing into the market. When people invest and make innovations, they usually start from zero to one. The achievements should align with the new technology and be applicable to most business entities. Transformation occurs when people are willing to start something new and grab any opportunity that is available.

Influence Of The Themes

I came to understand that technology has a significant impact on the services provided in healthcare departments. Creative destruction affects consumer needs. It is good that the role of the patient expanded because they influence the needs of consumer changes in the healthcare facility. The patient needs to understand the role they play in taking care of their health (Pantano & Viassone, 2014). I noticed that people could know about future creative destruction. It is good for people to plan for the next generation, and this is achieved through creative destruction. Moreover, I learned that innovation is the key to competition reduction. Come up with a product or service with unique features. Change leads to market domination as competitors will have to put more effort into becoming better. I also noticed that competition scares some business people away. They think that because there is stiff competition, it will be difficult for them to carry out their business. They leave all the opportunities available to the vast organization or cooperation. The action gives a good chance for the competitors to conduct research, make more innovations and improve the quality of the products.

Conclusion

Technology has a significant impact on both healthcare facilities and how people start something new in their lives. In the health department, technology will lead to the utilization of wireless sensors to capture and monitor the progress of the patients. Individualized medicine where the sensors will have the capability to obtain information about sleep cycle, blood pressure and step walked. There are genomes and their applications, as well as electronic health records and organ printing. For instance, starting something new is crucial to success in innovation and investment. Competition does not lead to profit maximization because prices go down, and so does the volume of sales. I noticed that technology helps in innovation and creative destruction.

References

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