Assignment

[Name of the Writer]

[Name of the Institution]

**Summary**

 Private Information about the patient's health and security both protected by many of the federal and state laws, but this security is not consistent and uniform always so patients show little insecurity when they had to share their data with the healthcare providers. It has been observed that there is a great deal of uncertainty regarding the demands of these laws. As a whole, it could be said that stakeholders, as well as policymakers, did not succeed in addressing this critical issue of privacy of the patients. The consequence of this failure of satisfying the patients about their privacy are that the exchange of the patient's health information is being limited that causes many issues for the service provider. Another major problem that the patients face is that there is a difference in the level of security that is being provided by the state law and federal law for keeping the privacy of patient's data.

 It has been seen that state laws have specific rules that protect a particular type of information of the patient and stricter security is being imposed on patient's data by the state laws as compared to the federal laws that patients view as less useful for keeping the privacy of their personal information (Thorpe,et,al,2016). As a whole it could be concluded that it is the right time to devise out some more effective ways of securing the data of the patients about which they are really concerned, and as technology is advancing each day and is achieving a milestone with each passing minute, working bodies that are controlling the data privacy on both state and federal level should collaborate and work together for finding best ways of winning the trust of the patients. In the medical journey, though there are financial issues and a few others as well, concerns about the data have a more significant impact on patients than any other issue.

**Impact of technology on the cost of healthcare and provision of care**

 Data is one of the confidential things, and it has brought a revolution in almost all the fields particularly in healthcare. Technology is getting advanced day by day, and in all walks of life technology is facilitating people, but in many cases, this advancement of technology is causing severe impacts. It has been witnessed that technology is reaching into the houses of those patients who needed it. Health information technology is the leading form or example of innovation that is having multiple effects on productivity. Spending in healthcare has been seen increased since 1970, and this is the only industry where such a rapid increase has been witnessed. As far as the provision of healthcare is considered, there are various benefits, and from the paper to electronic health records, it has been seen that cost per patients reduced to 3%. It has been recognized that when people feel a little need to see the doctor, they search for regarding an issue by making effective use of technology that reduces the healthcare cost. There is another aspect of the topic that if we talked about technology in the sense of equipment that physicians use in healthcare, it could be said that there is an increase in the cost. It is quite understandable that when the latest technology is going to be used in some cases where modern and updated tools and equipment are going to be used, expenses will increase.

 People used to complain about the cost of the latest healthcare services that they want to have. In the past, there were numbers of diseases and medical issues that were non-diagnosable and difficult to treat, but in the present time, there is a cure and solution for almost every medical issue and this is just because of the latest technology. There are two aspects when it comes to the cost of healthcare and its provision because of one hand use of advanced technology has increased the cost of care, but on the other hand, technology advancement is working best in favor of patients when it comes to the cost. First, by taking a look at the telehealth, it could be said that the cost of the healthcare services has been reduced. Migration of the telehealth from hospitals and clinics to homes and mobile devices is one of the best and practical example and evidence that technology has greatly reduced the cost of healthcare services. The very first application of telehealth has been observed in acute conditions such as trauma and stroke (Dorsey,et,al,2016). There is a positive impact of technology on the cost of healthcare as telehealth also assist academic health centers in expanding for accomplishing their missions.

 There are many issues such as misdistribution of physicians and the growing burden of global chronic conditions, so by using telehealth patients can easily reach any physician of their choice. Telehealth also helps in expanding the reach of medicine. It has been seen that historically healthcare that is being given to a person defines who a person is. Traditional services in the field of healthcare used to be provided in the past were not as safe as these services used to reveal all the information about the person who seeks medical help. All the social and demographic information was accessible, but with the introduction of the telehealth, privacy of the patient has been secured to some extent that also reduces the cost that providers used to spend on securing the privacy of the patients, i.e., any service provider who knows all about patient could use patient’s data in any way. Telehealth helps more people in receiving care. Telehealth helps in creating a positive image about an academic health center that would also save money of the owners of the centers and would also build trust in patients about the academic health center as telehealth would establish the reputation of these centers.

References:

Dorsey, E. R., & Topol, E. J. (2016). State of telehealth. *New England journal of medicine*, *375*(2), 154-161.

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