University of Phoenix Material

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January 25, 2019

Technology Trends Worksheet

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| **Technology Trend** | **Explain its Use)** | **Explain its Effect on the Health Care Industry** | **Explain the Benefits of Adapting the Selected Trend and How the Selected Trend Will Improve the Quality of Health Care Delivered** |
| **Telemedicine**  Telemedicine is the technology trend which seeks to improve the health of the patient by permitting either physical real-time communication between the patients or distant communication with the physician. It involves electronic communication which requires at least audio and video equipment. Therefore the healthcare practitioners are allowed to evaluate, diagnose and even treat the patient who is at a long distance through the telecommunication technology. | It is used to ensure that patients are conveniently able to receive quality healthcare even when they are unable to travel to the hospitals. This happens mainly when the patient is not able to travel to the hospital, clinic or the doctor's offices. Telemedicine is also used to streamline the flow of work in clinics and hospitals. This is based on its quick and other favorable attributes of telemedicine, it is used by the doctors communicate and monitor the patients who are under treatment to track their recovery. | Telemedicine improves the efficiency of the healthcare industry because proper support systems are established through the technology. Telemedicine is transforming the healthcare industry because it ensures maximum utilization of the human resources available. A doctor can be accessed easily by many patients in a short span of time. It has also transformed the system of making decisions in the healthcare industry. Patients are able to consult the doctors through communication easily when making crucial decisions at a low cost. | The adoption of telemedicine will ensure that the patients spend less time from their workplaces as they can access medical services through communication technology. The adoption of technology is important in enhancing communication in healthcare settings. The patients can easily communicate with the physicians and this leads to low admission. The quality of healthcare is improved because through telemedicine because the doctors are able to share their expertise and establish support networks. |
| ** Electronic health records**  These are the digital version of the patients' reports which are designed in favor of the patients to0 make their health information readily available and in a secure manner to only the authorized individuals. The electronic health records not only contains the medical and treatment history of the patient but also a broad view of the patients' health care. | This technology helps to reduce medical errors and the subsequent adverse effects. It avails useful medical information which enhances their adherence to the treatment as well as the scheduled appointments with the physicians. The technology is used to enhance proper documentation and organization of the patients' health care information. The electronic health record is used to ensure quality and safe healthcare and promote the security of the patients' information. | In the healthcare industry, the technology has been adopted to increase the security and confidentiality of the patients' information. The tracking and viewing of the patients' health records are only possible to the authorized users. The technology use has enhanced the satisfaction of both the healthcare providers and the patients. The healthcare providers have had their work made easier as they can access the Patients health records easily and are able to be more productive in their work. The patients are not subjected to many questions as the doctors have much information accessible to them. | Among the benefits of this technology, the trend is that it provides accurate reports about the patients at the point where healthcare is provided. It ensures quick access of the patients' records in a more efficient and coordinated way. It enhances the convenience of the healthcare provision through improved coordination of the interaction between the healthcare providers and the patients. This trend will improve the quality of healthcare by improving all aspects of decision making in the healthcare setting. The efficiency of the healthcare provider is enhanced as the information is easily accessible in the system. |