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by Nurse Nurse

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The Responsibility of Advanced Registered Nurse in EMR

Student's Name

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The Responsibility of Advanced Registered Nurse in EMR

An EHR (electronic health record) implementation plan is a set of detailed steps and strategies used by healthcare organizations during the preparations for adopting a health care system that is electronic-based. This implementation, however, requires an approach in anticipation of the new system. Therefore, healthcare organization that decides to implement EHR should make sure that they comply with privacy and security, training of the staff, designing practice workflows, and manage the process of adoption.

Information in the Databases Needed For Tracking Opportunities for Care Improvement

Health care systems and EHR serve as data repositories reflecting the safety and quality of delivery of care. The data is collected and reviewed by the quality improvement team members and nurses to identify the opportunity areas for improvement. A nurse should be able to improve the care of the patients and outcomes related to it. This ability, however, lies entirely on the interpretation of the data, it should be accurately interpreted. EHR data is very challenging to translate into meaningful information. The use of charts as a graphical display is an excellent way of visualizing the data trends, assessing the changes associated in the opportunity of clinical process or the capability of the process (Reynolds & Granger, 2019). It helps the team see when and where quality measures gaps of graphs and charts in improving the visualization; this helps in creating useful information that gives opportunities for improvement. The information is for patient's history of illness and their medication. The information that aids in identifying emerging health threats, and the progress of the patient helps the nurse to track the development.

Role of Informatics in Capturing Data

Informatics is in charge of processing the needed information for storage and retrieval. Practitioners should ensure that the data being stored and retrieved from EMR is not erroneous. Informatics ensure that the records are complete, consistent, and accurate. Inaccurate EMR data will lead to misinterpretation, and this will be a negative improvement opportunity. The informaticist interact with agencies of health in establishing information exchange to ensure compliance with the laws of health and also a means to get the skills applicable to the health threats and status affecting a population (Haque, Dixon & Grannis, 2016). They integrate science, nursing, information science, and computer science in managing and communicating data, knowledge, and information in nursing practice (Julianne, 2017).

Systems and Staff Members Necessary for Designing and Implementation Process and Team.

Implementation stage is fundamental in adopting EMR since it is where more problems occur and mistakes could result in catastrophic issues later. There needs to be eligible professionals who can aid in balancing daily operations of the system and avoid risks that could occur. Staffs in the hospital should also be trained on the use and interpretation of the EMR data in such a way that they do not feel confused and at the same time provide quality care to patients. For proper utilization of the EMR system, staffs have to be familiar with EMR data and know how to use it properly. The staff members need to work as a team and have excellent skills in communication and problem-solving. A system should also be implemented to help during risk mitigation and troubleshooting in case of problems arising. All software should be integrated with the new PM/EMR system. The software is necessary for realizing the full spectrum of an

efficient system. There should also be a digital connectivity system, which could require interfaces.

Professional, Ethical, and Regulatory Standards Required In Designing and Implementing the EMR System.

To be a qualified staff operating an EMR system, one has to meet some specific standards. The team should first of all be trained on how to run the system and interpret the data. The other criterion is that they should have the ability to communicate excellently, work as a team, have a desire to learn more and improve continually. The staff should also be able to handle adversity and possess excellent skills of solving problems. The staff should be flexible and willing to make things work. The hospital should meet the security requirements of EMR by having a highly secured system when transmitting EMR records. There should be specific entities with permission to transfer private information of the patient without consent. Sensitive data should be protected against attacks and risks (Zaidan et al., 2015). The staff, on the other hand, should keep the patient's information as a secret; they should also be kind and considerate.

Ensuring Order Sets Are a Part of the New Records

The staff should ensure that the essential methods are followed to for all order sets to be part of the new EMR records. First, there should be administrative support and facility that is secure. According to Zaidan et al., (2015), there should be a standard framework that has a catalog containing appropriate synonyms, corporate intranet, a downtime plan and a tracking system to track the order sets progress. The staff (physicians, pharmacists, nurses, and therapists) should also be recruited as SMEs (subject matter experts) so that they can help in doing the order

sets. A communication plan among the team should be developed to help the team flow efficiently.

Communicating the Changes and Transition Plans

The methods to use in communicating the changes to all involved parties, the members of the public included, should ensure that the information has reached all parties. After agreeing internally with the employees, there should be a press release communicating the message to the public. Shelby (2017) indicates that the media is a great tool that can be used to pass information. The hospital's website can also be used to give detailed information about the transition and its impacts on the industry. If the hospital has a social media site, it can also be used to pass the information. To the parties whose contacts are contained in the records of the hospital, private messages would be a great way to inform them (Shelby, 2017).

Measures Ensuring Successful EMR Implementation

The first step is being honest about the financial status of the hospital to assess its ability to afford the required infrastructure in the implementation of EMR. The accurate assessment is vital in ensuring a smooth transition for the firm and employees. There should be a set of goals and assignment of roles to the employees. This will motivate the employees in working towards the set goals and at the same time ensure that every worker knows his or her roles. The other measure is ensuring an understanding of the cost and the right equipment or machinery to be purchased. The staff should be trained so that they can operate the system without going against ¹ the Health Insurance Portability and Accountability Act (HIPAA) regulations. The EHR software picked should be able to meet the needs of the hospital, and the employees should know how to

use it. The HIPAA security standards should also be met to ensure unauthorized parties do not access sensitive information. Finally, after everything is smooth and running, the software will need to continue being updated according to the changing needs of the hospital.

Leadership Skills and Theories to Facilitate Collaboration with the Inter-Professional Team

The first skill is being compassionate and kind. A hospital is a place of healing, and therefore treating the inter-professional team with compassion, by being kind, gentle, a good listener and considerate will raise their spirits (Phillips et al. 2016). The next skill is developing effective communication. Effective communication ensures that the message is understood correctly and acted upon. Involving the inter-professional team in decision making and letting the team know the intended changes strengthens the relationship with them and makes them free to offer suggestions and point out the mistakes. Dealing effectively with issues arising, making the right decisions, plus having the ability to solve problems plays an integral part in strengthening the relationship with the inter-professional team. Being insightful, trustworthy, integrity and being ready to learn motivates the inter-professional team and build trust.

In conclusion, technology plays a critical role in enhancing healthcare. EMR is making the healthcare organizations change from recording information on papers to computers. However, implementing EMR is a challenge because it is multifaceted, and it has to be done with a lot of care. For EMR to work effectively and benefit the employees and the patients, it requires the efforts and corporation of hospital management and the workforce.

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