Nursing Informatics

Name

Institution

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Nursing informatics enhances one's understanding of working procedures. Nurses learn to integrate nursing discipline with many information managing and logical skills. Besides, they recognize, outline, process and share data, evidence, and awareness in nursing. Since the field of nursing is dynamic, professional should improve their skills in different functional areas like essential computer capabilities, and information savvy and management.

Nursing informatics helps to understand various care processes, information solutions, and how they affect the overall outcome. I work in Critical-Care Unit (CCU) in a local health facility, which deals with patients in the intensive care unit, emergency department, and burns division. In this case, nursing informatics plays a significant role in accomplishing my daily duties. CCU utilizes electronic health record (HER), which requires high competence levels. Capturing and managing patient records, organizing medication, and scheduling operations is an overwhelming task. However, effective use of nursing informatics can enhance the quality of services delivery and patient's safety. Therefore, I need to improve on the basics and advanced technology competencies because they are essential and expected in modern health facilities.

Essential TIGER Competencies

Technology Informatics Guiding Education Reforms (TIGER) requires all nurses to have skills to work in a dynamic industry. TIGER initiative meets national standards and entails basic computer knowledge, and information literacy and organization ("The TIGER Initiative: Informatics Competencies for Every Practicing Nurse," 2019, p. 7-11). These competencies enhance one's ability to use electronic health records. Besides, they increase the ability to

manage daily routines. Therefore, TIGER initiatives help nurses to improve their level of productivity.

Working with digital immigrants makes it necessary to gain more digital skills. In the modern nursing workforce, many middle-aged nurses have not mastered essential computer competencies (Gugetry & Delaney, 2009, p. 3). Working with these people makes it hard to coordinate daily activities. Sometimes, it becomes hard to collaborate with them in entering and managing patient data. Therefore, I need education and professional development to enhance my ability to support my colleagues to work with modern technology.

Information literacy includes abilities to understand the importance of data to the patients. Informatics literacy allows nurses to identify when doctors or patients require data (Laureate Education, Inc., 2012, p.2). This case implies that I have to understand the data collected and ways to analyze and make inferences. Effective processing of details will enhance accuracy in treatments administered. Thus, I need to improve my skills in information literacy to manage patients' data adequately.

Information management allows nurses to communicate processed data as knowledge. Accurate communication of data enhances the quality of decisions (Wakefield, 2019, p. 12). I need to learn how to analyze information and make appropriate inferences. Besides, adequate skills will help to advance the value of decisions made in the hospital. Therefore, information organization expertise will help to advance the overall worth of services in the hospital.

Competency Importance

Improving skills in necessary computer aptitudes, and information mastery and organization will enhance my ability to work with different gadgets available in the facility. The

knowledge will ensure that I deliver quality services to the patients. Besides, I will be resourceful to colleagues who are digital natives. Therefore, enhancing these skills will promote the safety of patients and the quality of services.

Resources Available

There are numerous resources available in the facility for learning. Managers, other experienced colleagues, and devices. Collaboration with colleagues and leaders in different departments will enhance my knowledge in capturing, analyzing and interpreting data.

References

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