

Week 1 Discussion: Integration of Nursing Informatics Skills and Competencies

Reflect on your own practice. Discuss how informatics is used in your practice. What is your primary area where you would use informatics? From completing the Pre-TANIC TIGER assessment for this week, what do you plan to achieve in this course? How did you feel your competency level was compared to the assessment?

Hello Professor and Classmates

In the study of nursing informatics, it is understood to be a field that integrates nursing science with numerous data management and analytical sciences to recognize, describe, manage, and connect data, information, knowledge, and understanding in nursing practice (HIMSS, 2017). The utilization of technology in some form is used daily throughout nursing units. Currently in the area where I practice, there are telemonitors that monitor heart rates, blood pressures and respirations. Everyday there is the use of IV pumps that distributes intravenous medications drips and maintenance fluids and there is the use of glucometers for the monitoring of blood glucose on diabetic patients. Many of these devices communicates the data collected through a downloading process to the electronic healthcare record (EHR) system, the main portal for charting purposes. The EHRs “are built to go beyond standard clinical data collected in a providers office and are inclusive of a broader view of a patients care” (HealthIT.gov, 2018). Any authorized clinicians who are providing care to a specific patient has access to the entirety medical report in the EHR to give quality care to patients (HealthIT.gov, 2018). The facility where I practice has several sister sites and this process allows accessibility to medical records when patients are being transferred. This could not be accomplished with paper charting as limited access to patients’ files and prohibits multi users.