**Nursing Informatics Progression Theory: (NIPT) The 4A’s of Adaptability**

**Assimilation**
- The utilization of technology in healthcare advanced through the use of medical diagnostic equipment that evolved over the years to more sophisticated equipment requiring the use of data transfer and monitoring. Today, many nurses are using laptops, tablets, and smartphones in the healthcare setting to assist them with workflow and patient care.
- The paramount of healthcare technology assimilation is for nurses to understand the real value, embrace the advancement, and to take advantage of the practical usage of this technology.

**Acceptance**
- Technology can be a great advantage for nurses and a positive benefit for patient’s safety. Modern nurses need to accept and welcome health information that is available to assist them with the workflow in direct patient care.
- Nurses must accept that computer-based programs enable them to collect, store and recover data, provide the ability to integrate clinical data with nursing activities and improve patient care (Langowski, 2005).
- The critical element for successful acceptance of technology is the nurse’s satisfaction of the application of the clinical computer-based program.
- The advantages of utilizing the electronic system, including user-friendliness, flexibility, and usage outcome, evaluated by the nurses, are needed in order to accept technology information.

**Application**
- The application of technology information has made patient care safer. Nurses are applying technology information every day in their workflow to assist them with patient care.
- Technology plays a pivotal role in tracking procedures, monitoring patient’s progress and utilizing this data to improve the quality of patient’s care.
- The application of technology information is embraced by many nurses by transforming the way nursing care is conceptualized.

**Advancement**
- More than any other factor, technology changes the healthcare structure where the affect of technology continues to expand into all levels of care.
- The advancement in technology includes a selection of systems, software, and devices that are developed to decrease the time spent on various tasks and improve accuracy, efficiency and patient safety.
- Nurses must continuously acclimatize and learn new technologies and properly utilize these tech advances to their benefit.
- By embracing the advancement of technology nurses can better plan, deliver, and collect data to support evidence-based practice and improve patient safety and quality of patient care.

**Theoretical Framework**
If the use of technology in nursing is not part of nursing training then transitioning to the use of technology in practice will be difficult and alienating, creating resistance to the adoption of the new technology.

**References**