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## Nurse perception of digital technology use during 12hour shift

**Adrian Hordon**

UR Thompson Hospital, USA

Digital technology has advanced many components affecting healthcare and the way in which patient care is composed, communicated and perceived. With the influx of new technology into the healthcare setting involving everything from clinical simulation education, electronic medical health records/electronic charting, to smartphones, technology has been thrust upon the bedside nurse and many feel their patient care has decreased based on these new electronic

components that have taken place of human interaction. Despite the acceleration of technological advancements in patient care, education and documentation, the introduction of technology within the nursing clinical care setting has not been heavily researched. Asan, Flynn, Azam, & Scanlon, identified a recent literature review by Strudwick, which found only 13 articles exploring nurses' acceptance, perception, or use of newly implemented technologies within the healthcare setting. By exploring and analyzing the patterns, attitudes and perceptions of nurses and their use of digital technology during their shift, preliminary data collected provided

valuable perspectives of how healthcare is delivered while utilizing technology. Information gathered through an anonymous survey and active participant observation provided insight into gaps regarding nurse perceptions of technology usage and patient care and helped increase patient perception, nurse awareness and decreased communication breakdown.

### Biography

Adrian Hordon is currently in the dissertation phase of her PhD for Curriculum, Instruction and the Science of Learning (CISL) at the University of Buffalo and received her master's degree in nursing education from Walden University in 2010. She is the Director of Nursing Professional Development and Magnet Program Director of UR Thompson Hospital in Canandaigua, NY and recently lead the third successful Magnet re-designation for the organization.

*adrian.hordon@thompsonhealth.org*