Appendix

Situational Description for Nurses

Please read the situational description contained below regarding the functions of a smartphone and then answer the accompanying survey questions. A smartphone functions to facilitate the integration of a computer, personal digital assistant, digital camera, and cell phone into one mobile device. The following hypothetical situation serves simply as an example of the possible functions and use of a smartphone for nurses.

Suppose the hospital provides each healthcare professional with a smartphone. Thus, upon arriving at the hospital in the morning, you can use the smartphone to check your schedule and pertinent data (vital signs, progress notes, etc.) of the registered patients. In addition to the daily census of patients, you discover a message posted regarding an educational forum which involves a speech from a leading expert regarding a novel approach to treating a disease. After completing morning rounds, you receive a message from another nurse. She explains that a newly admitted patient is uncomfortable, so you respond by consulting with the vitals displayed on your smartphone.

When you have a moment in the afternoon, you use the smartphone to scan the relevant literature which you previously downloaded to help remain abreast of recent advances in nursing. You have a brief meeting later that afternoon to present your patients’ pertinent clinical data and vital signs to the next shift of nurses. After the meeting, you can scan your schedule for the next day before leaving the hospital. You also review the information regarding a new medicine with the possible side-effects on your smartphone.

Thus, the smartphone not only integrates the functions of day-to-day planning, cell phone and messages from the hospital, but also integrates Web browsing, camerawork, and so on which are helpful to improving the efficiency and quality of your job.

The following survey questions are designed to assess how much you would accept this product. Thank you for your participation.