

ABSTRACT

The thesis deals with technologies that nurses use in their work. These technologies are computers and tablets when nurses write electronic nursing documentation, use barcode readers when administering medications to clients of health services and in collecting blood and other laboratory samples. The theoretical part is devoted to medical and nursing documentation what legislation is in force, what the content of documentation is. After that there are presented companies that provide digitization and organization, where the technologies are used.

In the empirical part I used qualitative research: in-depth interviews, observation and analysis of time frames. I examined how these technologies affect the work of nurses at which action is used by nurses and how they are perceived in their practice. The research was conducted in the hospital where digitisation has succeeded and the vision is a "paperless" hospital. The research has shown that nurses acknowledge the electronic documentation, but they are not fully identified with barcode readers. The process of implementation and organization of work has great influence on the adoption of new technology.

This pilot research on the use of technology has opened new topics and directions for other research, which may also have practical applications.

Key words: electronic nursing documentation, bar code readers, medication, blood taking, patient, nurse