S P E C I A L   P A P E R .

Registering Nursing Interventions in Electronic Environments in Accordance with Nursing Process: an Example from Turkey

Fatma Ay, PhD
Assistant Professor, Istanbul Üniversity, Faculty of Health Science, Istanbul, Turkey

Correspondence: İ. Ü. Sağlık Bilimleri Fakültesi, Demirkapı Caddesi, Karabal Sokak Ruh ve Sinir Hastalıkları Hastanesi Bahçeiçi, 34740 Bakırköy Istanbul, Turkey
e-mail: fatmaay@yahoo.com

Abstract

Background: As being a professional occupation, development of nursing is affected by technological advancements in other fields. Aim of nursing is offering a safe, efficient and quality care. In general, lots of data, both quantitive and qualitative, is registered by nurses to the system of health records. Also usage of care plans adapted to computer environment has the benefits like eased risk management and analysis, standardization of given care, establishment of the communication between multi-discipliner care members, eased reading of documents.

Aim: To determine the characteristics of electronic records to be able to employ nursing process successfully, a computer software which takes into account and reflects both the thinking process and condition of working places needs to be developed.

Results: While computer and care plan usage have many positive ways, generally in Turkey it's observed that usage of both are not at a desired level in nursing services. The computer software which is used to improve patient care quality must have qualities like being systematic, permanent, enabling diagnosises to be analyzed via discussions and to be systematically assessed, and giving guidance to nursing applications.

Conclusion: Electronic patient registration system used by nurses should make time-saving possible, be easily used with easy menus, save all applications exactly, have warning and alarm systems, display necessary interventions at appropriate times, be a guide for patient care.

Key Words: Electronic medical record, nursing, nursing records, medical informatics, health information technology