

Session 1.9 Informatics Track

Abstract Title:

Nursing Diagnoses Used in Electronic Patient Records

Presenters:

Pia Wieteck
Holger Mosebach
Simon Berger, RN

Intended Audiences:

Clinicians, Informaticists, Administrators

Areas of Focus:

Classification Development, Informatics, Research, Use in Practice, Linking or Integrating Nursing Language

Research Format:

For Non Research Reports

TOPIC: The use of a standardized nursing language based on nursing diagnoses is gaining in importance for practice. The reliance on valid diagnostic concepts ensures high-quality nursing performance.

BACKGROUND: When implemented in an electronic patient record, standardized nursing languages can also contribute to strengthening the performance of health care services. When used in nursing documentation, standardized languages increase the quality of documentation and make nurses' work visible and comparable. In the context of inter-professional co-operation, the communication among professionals is facilitated due to the unambiguousness of the language. With regard to health care management and the establishment of DRGs, standardized nursing language can be used for the improvement of case management and the development of clinical pathways. Process optimization through benchmarking and case cost calculation are additionally based on standardized nursing diagnoses. Nursing documentation can also be the basis for data analyses on outcome measurement, evidence-based nursing, and best practice evaluation. In this case, the data must be collected in the electronic patient record without making any changes, so that valid and reliable data on nursing practice are gathered.

DESCRIPTION: The use of a standardized nursing language based on nursing diagnoses is becoming increasingly important for the implementation of an electronic health record. In such an electronic health record the whole nursing process must be represented to visualize the nurses' work in the documentation and to provide a sound basis for data evaluation. But what are the demands for standardized nursing classifications to use nursing process data for questions of health management, e.g. required staff and DRG nursing case costs (for example, nursing classifications should be linked with performance figures, like e.g. nursing time)?

CONCLUSIONS: This workshop discusses questions of how a standardized language must be structured to enable nurses in practice to collect valid data. It will be shown how nursing classifications can be linked with performance figures in a software application; the nursing classifications NANDA and ENP (European Nursing care Pathways) will be exemplarily used.

Citations:

Arnold, J. M. & Saba, V., K (2007) A Clinical Care Classification (CCC) Cost Method. IN Saba, V., K. (Ed.) Clinical Care Classification (CCC) System Manual, A Guid to Nursing Documentaion. New York, Sringer Publisching Company.
NANDA (Ed.) (2007) Nursing Diagnoses: Definitions & Classification 2007-2008, Philadelphia PA, NANDA International.
Trofino, J. (1989) JCAHO Nursing Standards: Nursing Care Hours and LOS per DRG. Important questions are raised about the influence of DRGs on nursing... Part 1. Nursing Management 20 (1), p. 29-32 (17 ref).
Wieteck, P. (Ed.) (2004) ENP® - European Nursing care Pathways. Standardisierte Pflegefachsprache zur Abbildung von pflegerischen Behandlungspfaden, Bad Emstal, RECOM Verlag.