Webinars
1A & 1B

Evolution of Informatics in Nursing

Lynn Nagle

Objectives
- Understand origins of informatics
- Explore history of informatics in nursing
- Identify informatics entry to practice competencies for nurses

Content
- Development of health informatics nationally and internationally
- Discussion of the roots and evolution of nursing informatics
- Discuss definitions of nursing informatics
- Provide an overview of nurses’ use of information and communications technologies in Canada
- Overview of current trends in nursing and health informatics and the relation to the practice of nursing

References
Canadian Association of Schools of Nursing (CASN) (2012). Entry-to-Practice Nursing Informatics Competencies. Available at: www.casn.ca


Objectives

- To introduce key terms and concepts related to information and communication technologies (ICT’s)
- To introduce some of the primary components of information management systems in healthcare
- To identify commonly used functional components of electronic health records
- To identify the optimal system characteristics to most effectively support clinical care
- To identify the benefits to be derived from electronic health records

Content

- Overview of key information and communication technology concepts and structures
- Discussion of electronic health records within different clinical departments and settings
- Distinction between EHR, EPR, PHR, EMR
- Departmental applications (e.g., DI-PACS, LIS, Pharmacy)
- Integrated clinical applications (e.g., CPOE, Results review, Clinical documentation)
- Brief discussion of business applications utilized in healthcare settings (e.g., GL, HR-Payroll, Nursing Workload)
- Benefits of EHRs for providers, clients/patients-families and health system
- Set the stage for discussion of data standards, privacy, systems implementation, education, policy etc.

References


Webinar 3A & 3B  

The Art and Science of Information and Communication Technology Implementation  

Lynn Nagle

Objectives

- Identify and discuss common theories and concepts associated with the art and science of implementing ICTs in clinical practice settings
- To discuss critical success factors to advance the adoption of ICTs in healthcare organizations

Content

- Key considerations for systems implementation in healthcare organizations including issues related to People, Processes, and Technology
- Highlights of common theories applied to the implementation of technologies and innovations in healthcare
- Identification of critical process considerations and factors for achieving success in the implementation of ICTs

References


