



ABSTRACT:

STREAM: **PREPARING NURSES ACROSS THE CONTINUUM**

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Nursing EHR 101 + Web 2.0 = Future

The mandate of Canada Health Infoway is to accelerate the use of electronic health record (EHR) solutions across the country. As part of that, an innovative educational learning tool has been developed for clinicians. It demonstrates a framework for the design of health information systems to ensure that Canada's network of EHR solutions will be secure, fast and interconnected. This national infostructure is fundamental in enabling the sharing of health information in a consistent way across the continuum of care and to improve the safety, quality, access and efficiency of Canada's health care system.

This infostructure is supported by a conceptual architecture, health information terminology/messaging standards, and privacy and security standards to ensure that the "right" clinical information is provided to the "right clinician," at the "right time," and in the "right context." Nurses have been and continue to be key stakeholders in the development and evolution of this infostructure based on changing health care and technology needs.

During the session, concepts related to the EHR infostructure such as: "interoperability," "shared health record," "point of service application" and "personal health record" were described and applied using this educational tool. Participants also learned how the various components of the infostructure interact with one another to enable the sharing of clinical information across the continuum of care. This can serve as a foundational learning tool for nursing students, front line nurses, and nursing informatics leaders who may be involved in nursing education.

At the end of the session, participants had a basic understanding of the vision for a national EHR infostructure and its impact on nursing professional practice.

BIO:

Bhavana Patel is a Manager in the Solution Services Group at Canada Health Infoway. She is responsible for providing oversight to the Clinical Engagement, Knowledge Management, and Evaluation portfolios. Prior to joining *Infoway* Bhavana practised physiotherapy across the continuum of care and in various settings both within Ontario and in the UK. She is particularly interested in clinical informatics, and how standards based solutions can improve access, quality, and productivity in our health care system. She holds a post graduate Bachelor of Health Science degree in Physiotherapy from McMaster University, a Bachelor of Science degree in Kinesiology from the University of Waterloo and has completed a Post Graduate Health Informatics Certificate Program from George Brown College.

Cindy Hollister is a Clinical Leader – Professional Practice and Clinical Informatics with Canada Health Infoway's Clinical Adoption group. She is responsible for providing clinical professional practice and informatics oversight and supporting national knowledge management, change management, benefit realization and clinical adoption. She is currently focused on supporting information sharing and collaboration amongst Clinician e-Health Support Networks across Canada. She has some three decades of health care experience, in a variety of health care settings including critical care clinical teacher, QA Coordinator and Director of Nursing. She is a graduate from Charles Sturt University in Australia and has a Bachelor of Health Science Degree (Nursing).