



for every nurse


Nurses taking a leadership role in the adoption of communication and information systems.

Registered Nurses' Association of Ontario (RNAO)

- Professional association representing the voice of registered nurses in Ontario, Canada.
- Leading the profession to influence and promote healthy public policy, clinical excellence and strong health outcomes.
- Best Practice Guidelines (BPGs) Program is a signature program of RNAO.
- Technology and eHealth are seen as enablers of quality evidence based care.



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Presentation Overview

- RNAO's Vision and Mandate
- RNAO's Nursing and eHealth project
 - 2013-2014 Project Highlights
 - Overview of RNAO's Nursing and eHealth Resources
 - Spotlight on RNAO's Nurse Educator eHealth Resource
 - Summary





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RNAO's Mission

Our mission is to foster knowledge-based nursing practice, promote quality work environments, deliver excellence in professional development, and advance healthy public policy to improve health.

We promote the full participation of present and future registered nurses in improving health, and shaping and delivering health-care services.



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RNAO's Nursing and eHealth Focus

- Over 10 years have lobbied for nursing's involvement in eHealth
- In 2005 Ministry of Health and Long Term Care funded RNAO for Nursing and eHealth initiative
- Funded for 4 years
- Since 2010 funded by eHealth Ontario
- Nurses and nursing increasingly involved in and acknowledged as partners in eHealth



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RNAO Nursing & eHealth Initiative Resources

- RNAO Key messages about eHealth
- eHealth Champion Network
- Nursing and eHealth Education Course
- **Nurse Faculty Resource**
- Nursing and eHealth Toolkit
- Focus on Chief Nurse Executive Leaders
- BPGs and Technology (Nursing Order Sets)
- RNAO CHI partnership
- Communication and Dissemination


Thank you to eHealth Ontario!!!
from RNAO and Nurses!!!



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RNAO eHealth Project Purpose & Goals

The purpose of the initiative is to facilitate the nursing profession's involvement in the Ontario eHealth agenda and support nurses to take a leadership role in the adoption of communication and information systems in all health-care settings.



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Key Messages about eHealth

- The nursing profession is committed to eHealth;
- Quality nursing practice requires competent application of knowledge pertaining to informatics and eHealth;
- Nurses in all roles, including a critical mass of nurses experts in eHealth, have much to contribute to eHealth adoption;
- It is essential that nurse leaders be supported to integrate eHealth as an enabler of quality evidence based care.
- eHealth is central to a high quality, evidence-informed, client-centred health-care system, that fosters interprofessional communication.

The electronic collection, use and management of client and system data for clinical and administrative decision making is central to a high quality, evidence-informed, client-centered health-care system, that fosters interprofessional communication.



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eHealth Champion Network

- Designed to build eHealth capacity in nurses across all sectors who work to champion eHealth through:
 - Raising awareness and increasing knowledge among nurses;
 - Supporting nurses and others in eHealth adoption activities within their organization;
 - Facilitating organization wide eHealth adoption.
- Level 1 and Level 2 eHealth workshops
- Over 1,500 eChampions involving
 - Primary care and acute care



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Nursing and eHealth Toolkit

This eHealth toolkit:

- Provides a user friendly, evidence-based reference
- For nurses and other health professionals
- To integrate eHealth technology into nursing other health care practices within their organization.



The toolkit is available in hardcopy and in **CD form**, and **online** and is being used by nurses and others to plan eHealth adoption.



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Nursing and eHealth Education Course

- Assist nurses to see the value of eHealth in all aspects of their role.
- The goal of the course is to increase the level of eHealth knowledge, understanding and expertise of nurses in all sectors.
- Provides introductory knowledge related to basic eHealth competencies in an informative and interactive format and is presented in 11 module.
- Self assessment feature to identify and prioritize learning needs.
- 15,000** nurses and other health care professionals registered for the course.




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Communications and Promotion

- eHealth for Every Nurse Newsletter
- Web site
- Conferences
- Workshops
- RNAO Institutes
- RN Journal



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The **patient education fact sheet** was created for nurses use with patients and families

The fact sheet answers common questions that patients/clients may have about the use of computers and other computer technology used by nurses.

[www.mao.org/Storage/71/6539_PDA_Fact_Sheet web.pdf](http://www.mao.org/Storage/71/6539_PDA_Fact_Sheet_web.pdf)


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Nurse Educator Resource: Background

- Nursing leaders and educators have recognized the need for every nurse to engage in eHealth activities;
- The use of ICT for the collection of data, use of information and generation of knowledge to support nursing practice.
- Significant activity focused on the application of eHealth to support health care delivery across Canada,
- Limited attention given to the integration of associated informatics skills into entry-level nursing curricula.


References: Androwich, Kraft, Haas, 2008; Booth, 2006; Chinn, 2009; Nagle, 2007; Pringle & Nagle, 2009; Skiba, 2009



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Nurse Educator eHealth Resource



Purpose:

- To support faculty with the integration of eHealth knowledge and skills into entry-level curricula
- Raise awareness among nursing faculty as to the significance of national and provincial eHealth directions and their impact on nursing practice.




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RNAO eHealth Curriculum Task Force

- Developed in 2001 to address need for informatics in the basic nursing curriculum
- Produced a comprehensive report
- Documenting the strong need for support to better incorporate eHealth into the nursing curriculum
- **Lynn Nagle** a long time Champion of this work
- Led the expert working group that focused on developing this resource some 10 years later!



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Integrating NI into Core Curricula: What Does it Look Like?

- Use of technology to deliver content
- Demonstration of computer literacy
- Highlight key knowledge and skills that are essential for graduate nurses to provide evidence-informed, safe, quality care and optimize patient outcomes in today's technology-enabled clinical settings.

Reference: (Bakken, Cook, Currie et al., 2004; Barnard, Nash, & O'Brien, 2005; Bond, 2009; Effken & Carty, 2002; Nagle, 2007).

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Nurse Educator eHealth Resource

Aligned with the 2012 *Entry-to-Practice nursing Informatics Competencies for Registered Nurses* released by the Canadian Association of Schools of Nursing (CASN).

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Nurse Educator eHealth Resource Development

- Development Panel
- Literature Review
- Stakeholder input
- Dissemination:
 - Mail out across Canada
 - Promotional materials
 - Conferences and Workshops
 - Newsletters
 - Webinars
- Available online at: www.rnao.ca/ehealth/educator_resource

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Target Audience: Who will benefit from using the Nurse Educator Resource?


- Developed in the context of the Ontario experience;
- Close link to the CASN entry-to-practice nursing informatics competencies, makes it portable to other parts of the country;
- Can also assist with faculty capacity building world wide.

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Sections

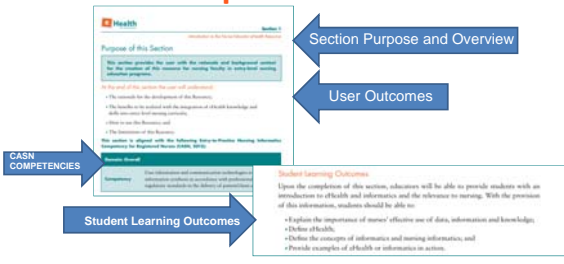
- **Section 1:** Introduction to the Nurse Educator eHealth resource
- **Section 2:** eHealth, Informatics and Nursing
- **Section 3:** Information and Communication Technologies
- **Section 4:** Information and Knowledge Management
- **Section 5:** eHealth and Socio-cultural, regulatory, Ethical and Interpersonal Considerations
- **Section 6:** Computer Literacy
- **Section 7:** eHealth and the Nursing Profession
- **Section 8:** Tools to Support Curricular Integration



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Unique Features



- Section Purpose and Overview
- User Outcomes
- CASN COMPETENCIES
- Student Learning Outcomes

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Unique Features

- Section Purpose and Overview
- Topic Content
- CASN Competencies
- Student Learning Outcomes
- Key Concepts
- Suggestions for Course Integration
- Tips and Tools
- Learning Activities
- Case Studies
- Assessments
- References



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Unique Features



- Key Concepts
- Suggestions for Course Integration
- Tips & Tools

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Dissemination

- Online
- Hard Copy
- Currently being translated into French – Release Fall 2014
- Hardcopy dissemination to all schools of nursing across Canada in March 2013
- Webinars
- Feedback welcomed



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Feedback Received

“A very useful tool that was designed with solid informed and based-evidence”

“This resource needs to be fully integrated into undergrad curriculum and mandatory professional development for practicing nurses”




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Preliminary Feedback

- An informal evaluation was carried out in 2014
- Sample survey questions included:
 - How have you used the resource
 - Assessing eHealth content in our curriculum
 - Planning how and where to introduce eHealth content across the entire curriculum
 - Planning how and where to introduce eHealth content within specific years of our curriculum
 - Preparing course outlines and including objectives, content and references related to eHealth
 - Preparing a specific lesson plan and incorporating eHealth objectives, learning activities
 - Rate how relevant, important, and informative each module is on a scale of 1 to 5
 - High ratings (4-5)
 - Rate the overall quality of the resource
 - High ratings (4-5)
- Positive survey results, many have used it and find it a valuable resource





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Next Steps

- “How to use” webinar
- Formal evaluation
- Update/ refine the resource

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Come visit RNAO's Booth today!

Booth 809



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Thank you

Comments and Questions

