### **COACH eSafety**

### Embracing eSafety Heard about it? Now doing it!

June 2, 2014

Elizabeth Keller COACH Board Director, National Chair eSafety VP Product Management & Operations, OntarioMD

СОЛСН

Where are we today with eSafety in Canada?

Who is leading the way in trialing eSafety in Canada?



## **Learning Objectives**

- Understand the foundations of eSafety and how Canada is leading globally in the development of needed Guidelines as a risk and change management tool and approach
- 2. Identify practical approaches to designing and delivering an eHealth safety program
- Understand your role (as a Health Informatics Expert) in applying these leading practice Guidelines in your organization
- Learn how the COACH Guidelines are being used and applied in Canada



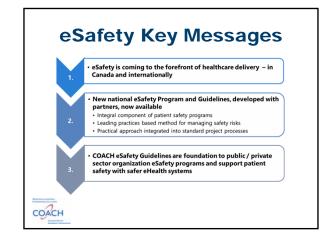
## The eSafety Program & Guidelines are ready for use



- Based on Program Plan and Advisory Input
- Developed with the help of a national team of health informatics professionals and clinicians
- Trialed with 8 volunteer organizations on current eHealth projects



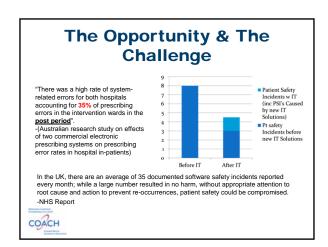


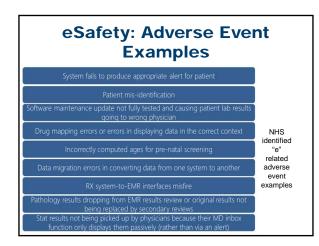


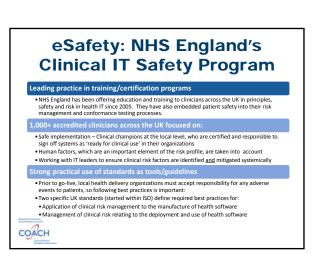


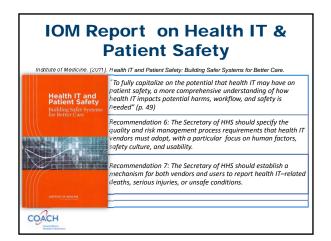
Refresher:
Why is eSafety important
again and what other
jurisdictions did we learn
from?













## The Premise of eSafety

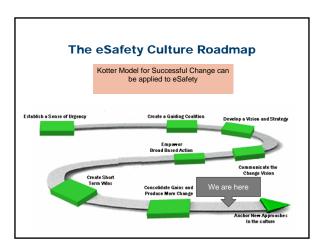
Why COACH Guidelines & Professional Practices?

- To protect patients against risk and harm due to unintended safety risks introduced through the development, implementation and use of 'e' systems
  - Being proactive / building trust with all stakeholders
- Backed by NHS evidence and 2011 IOM Report which provides strong evidence that action is required to ensure 'e' systems are well-designed, wellimplemented and safe.
- Reinforces priority of qualified HI Professionals









How do you leverage your org culture to adopt eSafety?



#### How do you start changing the culture?

- - I dentify the ortifical behaviour changes that will raise performance (reduce adverse patient events) and resonate in the exiting culture

    Identify target group whose behaviour needs to change and bring the necessary changes to life by democratizing them
- Reinforce behaviours through formal and informal means
- (Rational) Formal metrics, incentives, process guidance and training that lead people to practice new behaviours until they experience value.
   (Emotional) support groups, testimonials, peer leaders, etc.

- The most effective practitioners, the "pride builders" who distinguish themselves by the way they act
   Get them to help you find ways to get others to adopt new behaviours
- Enlist your current cultural carriers (the lynchpins to spread adoption)

  Get them to identify barriers and ways to overcome them

- Use the culture that already exists

   Slay away from the essential tenets of the culture

   Understand he reason for current processes before you change them (process discipline and vision)

  Visible and consistent role modeling
- Leaders need to walk the talk
- Clarify the implications of this new behaviour

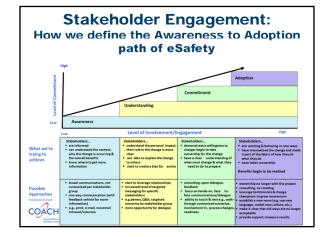
## Is your team ready for eSafety?

eSafety culture characteristics include:

- Senior leadership support
- A learning organization
  - participating in education opportunities
- Strong staff morale
- Adequate resources
- · Appropriate autonomy and discretion for individuals
- · Commitment to processes and work flow
- Adoption and uptake of guidelines and leading practices







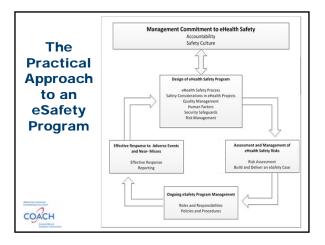
Level	Maturity Characteristic or Trail
Level 0	<ul> <li>Little to no recognition of the need for addressing safety with respect to eHealth systems.</li> </ul>
Level 1	<ul> <li>Early recognition of the importance of eSafety, but no formal eSafety management program (eSMP), policy, processes or practices are in place to address eSafety.</li> </ul>
Level 2	<ul> <li>High-level eSafety framework is in place, but lacks management support and resources to enforce/enable optimal adoption within the organization.</li> </ul>
Level 3	A formal eSMP is in place and documented.
Level 4	<ul> <li>A formal eSMP, policy and supporting processes are in place and documented. The eSMP, its policy and processes may be integrated into the organization's enterprise risk management and patient safety policies.</li> </ul>
Level 5	<ul> <li>A formal eSMP, policy and supporting processes are in place, documented and well integrated into the organization's enterprise risk management and patient safety policies.</li> </ul>

## eSafety: All of us Working Together

- Ecosystem-based
- · Lifecycle approach
- Disciplinary expertise in integrated collaboration
- Roles & Responsibilities for ongoing accountabilit







Refresher: How do we start doing eSafety within my org again?



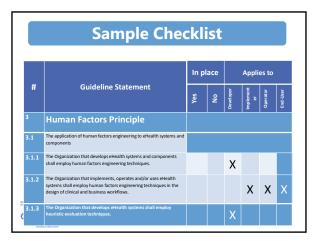
### You start with the eSafety Case

Ask Yourself: What Could Possibly Go Wrong?

- Set a risk tolerance
- · Identify the risks
- Determine scope of eSafety Case
- Follow eSafety Case Method











What are some practical examples of eSafety in Canada?

Tales from the front lines from Ontario, Manitoba and Saskatchewan....



## **HRM eSafety Case**

The HRM eSafety trial focused on applying the COACH eSafety Guidelines to both the Product Enhancements/Upgrades and the Project (deployment/roll-out) to include eSafety considerations and additional risk mitigation prior to go-live.

Benefits of the eSafety Trial for HRM:

- Increased risk mitigation to manage and minimize any potential patient safety risks associated with HRM
- Increased stakeholder confidence in HRM and its ability to improve the continuity of patient care using national leading practice/guidelines in eSafety

As HRM directly deals with patient records by supplying hospital reports associated to a patient, a risk tolerance level of **low** was deemed acceptable and approved



## Real Life eSafety Examples

## Ontario

- Report sent to wrong physician
- Missing hospital name
- Reports delayed

#### Manitoba

- Missing information
- Data Quality

#### Sask

Client and provider identity issues

## COACH

## **HRM eSafety Case**

#### Approach

- "What can possibly go wrong?" Workshop
- Walkthrough of the information flow
- Review of the Privacy Impact Assessment (PIA)
- Included many different stakeholders, including product, project, operations, change management, physicians and physician office managers

#### Findings

- The safety culture was already well established in our organization
- Many existing process and tools were already in place to ensure HRM had minimal risk, including but not limited to:
  - Standardized specifications
  - Legal agreements
  - Checks and balances within the product
  - PIA
  - Stringent operational processes



Extensive testing and validation with vendors, data senders and receivers

## **eSafety Case Method**

"The eSafety Guidelines help prevent adverse events as new e-health information systems are introduced. Our product (HRM) enables the secure transmission of hospital reports directly into my EMR; and applying the COACH eSafety Guidelines helped increase confidence in the product and the ongoing processes like eSafety to support it."

Dr. Darren Larsen HRM Physician Champion Ontario Medical Association

## Next Steps for eSafety in Canada

- The eSafety Guidelines are now available for purchase or license. For more information, please visit <a href="https://www.coachorg.com">www.coachorg.com</a> or email COACH at <a href="mailto:info@coachorg.com">info@coachorg.com</a>
- Continue to provide education and awareness on how to successfully apply the eSafety Guidelines
- Building adoption, promotion and deployment strategies with key advisors from health ministries, national organizations, clinical professions and key health agency levels through COACH eSafety
   Council and other forums



# Where will eSafety be going next in Canada?



## **COACH eSafety**

Thank You!

Elizabeth Keller

COACH Board Director, National Chair eSafety
VP Product Management & Operations, OntarioMD

