



Let's Talk Informatics – Closed Loop Medication Management

March 28, 2019

Presentation Overview

Organizations throughout Canada continue to investigate, design and implement electronic medication management systems with a focus on improving patient safety and preventing adverse drug events. By using an inter-professional team approach to assess current state medication management systems, teams can create a comprehensive vision for transforming the medication flow chain. There are many benefits to implementing comprehensive medication management transformation initiatives. This presentation will review best practices in supporting the implementation of an advanced automated medication management system. We will review the different components of the closed loop medication management model from the perspective of the Physician, Nurse, Pharmacist and Pharmacy Technician.

At the end of the presentation the audience will be able to:

1. List the key components of a Closed Loop Medication Management System
2. Define the opportunities for streamlining workflow and gaining efficiencies through the use of advanced medication management technology
3. Evaluate potential benefits for implementing advanced medication management systems and technology
4. Understand the opportunities and challenges of implementing a fully automated medication management system

Presenters

Alison MacDonald, Associate Vice President, RN, MN, CPHIMS-CA

Alison is a Masters-prepared nurse with 15 years of leadership experience in informatics and professional practice. As a Certified Professional in Health Information and Management Systems (CPHIMS-CA) and Prosci certified change management professional she combines her excellent clinical knowledge and skills with the ability to lead and contribute to large and small scale eHealth projects and initiatives. In 2011, she was recognized at the Canadian Health Informatics Awards as the recipient of Emerging Leader in Health Informatics. As a leader in the design, build and implementation of Physician Documentation, Computerized Provider Order Entry and Closed Loop Medication Management she has become a recognized expert in assisting organizations in achieving Stage 6 and Stage 7 on the HIMSS EMRAM Scale.

Dr. Laura Copeland, CMIO

Dr. Copeland has been a physician and medical informatics specialist for over fifteen years. She is no stranger to the benefits, trials and tribulations of electronic health records and she is a strong advocate for the adoption of technology in healthcare. She has experience using, designing, building and leading large implementations in multiple hospital based health information systems, most notably the Cleveland Clinic Emergency Services Institute and

Humber River Hospital, North America's first fully digital hospital. Laura is a proven leader in clinical standardization, multidisciplinary teamwork, medication management, computerized provider order entry, clinical documentation, change leadership and analytics. She currently practices as a medical psychotherapist and brings much of her experience from her clinical practice to inspire change within organizations.

Kim McGuire, Senior Consultant

Kim has a background as pharmacy technician and has experience in managing pharmacy operations at acute care hospitals. She an effective medication management professional and a respected project leader. She is known for her deep knowledge of medication distribution systems, gained through 32 years of experience in the healthcare sector. Kim has been successful leaving current staff with the skills and confidence to apply them when the project has completed. The effective implementation of automated medication management technologies to support clinical practice is a central strength of Kim's consultation work. Kim is a highly regarded expert in the implementation of automated medication packaging, dispensing, and distribution.

Russ Swaga, Consultant

Russ is a Pharmacy Information Systems expert with more than 30 years working experience in healthcare, having spent the first 18 years as a practicing pharmacist before transitioning into the Informatics field. Russ has the proven ability to engage various stakeholders and facilitate the planning and implementation of medication information systems to meet their needs. Russ has extensive experience rolling out closed loop medication management systems in various hospital settings throughout Canada, having been the Meds Integration architect behind two HIMSS Stage 6 achievements, garnering 3 national IT Healthcare awards, including the prestigious 3M Health Care Quality Team award in 2012.