ABSTRACT:

STREAM: **NURSES AND E-HEALTH**

SPEAKERS: **Barb Longo RN, BScN (c)**
                Glenys Vanstone BSc.(Gen), BSc.(Pharm), ACPR.
                Brant Community Healthcare System

Transforming Patient Care through Bedside Medication Verification System (BMV)

MEDITECH's Bedside Medication Verification (BMV) functionality allows nurses to utilize bar code scanning technology prior to administering medications. During the medication administration process, Bedside Verification is used to confirm patient identity and medication information against data readily available via the electronic Medication Administration Record (eMAR). Immediate access to a patient's current results and medication administration information greatly reduces preventable medication errors. Furthermore, the use of bar code scanning increases the accuracy and efficiency of nurses administering medications, providing physicians faster and easier access to critical information to manage patient care.

This concurrent session highlight ed lessons learned based on opportunities and challenges that were overcome during the BMV implementation at Brant Community Healthcare System (BCHS). Some of the topics that were discussed are: project plan, scope, BMV rollout plan, status to date, clinical challenges (nurse workflow, ward stock, 24/7 pharmacy, FMEA, scanning rate) training and next steps.

The choice to implement BMV is not about decreasing care provider workload. Minimizing medication risk and increasing patient safety is a shared goal and top priority for the staff at the BCHS. Achieving successful implementation not only promotes patient safety awareness but also has increased communication and cooperation among health care professionals of multiple departments, in particular nursing and pharmacy.

BIO:

Barb Longo RN, BScN (c)

Barb Longo has been employed with the Brant Community HealthCare System since 1988. Most of her career has been spent in Critical Care nursing as a frontline staff member. Most recently she joined an implementation team and participated in the successful roll out of both Electronic Documentation and Bedside Medication Verification systems. With the project nearing completion, Barb has accepted a new role as the ICT Consultant supporting both the PCS and BMV Meditech applications. Barb is a graduate of Mohawk College and is currently completing her BScN with Laurentian University.

Email: blongo@bchsys.org

Glenys Vanstone BSc.(Gen), BSc.(Pharm), ACPR.

Ms. Vanstone graduated from the University of Manitoba Faculty of Pharmacy in 1990. She completed a Hospital Pharmacy Residency with the Victoria Hospital in London, Ontario in 1991. She then worked as staff pharmacist for a year with Centenary Hospital in Scarborough, followed by seven years with Mount Sinai Hospital in Toronto and then as Pharmacy Satellite Coordinator for the NICU and High Risk Pregnancy Unit. Ms. Vanstone has been with the Brant Community Healthcare System for the past 11 years. Her care team coverage at BCHS has included Maternal Child and CCC/Palliative Care, as well as Medication Utilization Committee. She has been participating in the BMV project since September 2008.

Email: gvanstone@bchsys.org