

## **ABSTRACT:**

**STREAM:** **EVIDENCE-BASED PRACTICE – MEASURING THE VALUE**

**SPEAKERS:** Wendy Benson RN, BA, Med, Project Manager  
Barb Longo RN, BScN (c), IT Consultant  
Brant Community Healthcare System

### **Evidenced Based Practice –Measuring the Value of the Implementation of Electronic Documentation and Bedside Medication Verification System**

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Systems in of themselves do not bring immediate benefits to an organization. It is the people monitoring processes, policies and procedures coupled with technology that bring benefit to the organization. In an effort to predict Health Care professionals' intention to adopt and properly use a new electronic documentation (PCS) and bedside medication verification system (BMV), an extensive evaluation process was administered at Brant Community Healthcare System (BCHS). This concurrent session described the research conducted in order to evaluate the project and the results obtained.

The BCHS PCS/BMV Project Manager and a Director oversaw two McMaster University BScN students in the evaluation process. The following was conducted: literature review; administer to staff the BMV evaluation survey and Clinical Information System Implementation Evaluation Scale (CISIES); facilitate focus groups; and data analysis. Due to time constraints the students were not able to complete the entire data analysis and the Project Manager took on this role.

The outcome of this research reinforces that healthcare professionals are accepting of new technology systems and are overall supportive of improving current processes related to patient safety. Although PCS and BMV shows promise, there is a need for further research to examine its impact on the patient safety perspective and patient's perception around technology in the Health Care setting.

## BIO:

### **Wendy Benson RN, BA, MEd**

Wendy Benson is a graduate of Brock University in St. Catharines, Ontario. Wendy was employed at Grand River Hospital for over 20 years and has been a Clinical Faculty member of McMaster University since 2000. Other work experiences were with positions as Utilization Leader/GRASP Coordinator at St. Joseph Hospital in Hamilton Ontario and currently at Brant Community Healthcare System (BCHS). As project manager at BCHS Wendy is implementing Electronic Documentation, the Bedside Medication Verification System and Health Outcomes for Better Information and Care (HOBIC).

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### **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.

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