


**Voices of CHICA**  
March 2010 Edition

**Voices of CHICA**  
*Community and Hospital Infection Control Association, Canada*

March 23, 2010

Hosted by Paul Webber  
paul@webbertraining.com

Voices of CHICA 

Thanks to  
**Voices of CHICA Sponsors**

Voices of CHICA 

**Agenda**


**Board Update**  
Anne Bialachowski, President of CHICA-Canada

**Update on 2010 Conference**  
Marion Yetman, Conference Chair


**Audit Toolkit Update**  
Karen Clinker, Director, Programs & Projects

**ARO Point Prevalence Study**  
Dr. Oscar Larios, Dr. Allison McGeer

**CSA Guidelines for Disinfection and Sterilization**  
Susan Lafferty

Voices of CHICA 

**CHICA Board Update**



**Anne Bialachowski**  
2010 President

Voices of CHICA 

**2010 Conference**



**Marion Yetman**  
Conference Chair

Voices of CHICA 

  
**GOLDEN OPPORTUNITIES**  
*Soaring to New Heights!*


Voices of CHICA 

Hosted by Paul Webber paul@webbertraining.com  
www.webbertraining.com

# Voices of CHICA March 2010 Edition

WEEK AT A GLANCE (All Meetings to be held at Sheraton Vancouver Wall Centre)					
<b>Wednesday, May 26</b> CHICA Canada Board meeting 9:00 am – 5:00 pm  Continental Breakfast 7:00 am – 8:30 am  NOVICE PRACTITIONER DAY  ADVANCED PRACTITIONER DAY	<b>Sunday, May 30</b> Registration 7:00 am – 5:00 pm  Continental Breakfast 7:00 am – 8:30 am  CHICA Industry Member/Sponsor Breakfast 7:30 am – 8:30 am  Committee Meetings Schedule TBA  INTERNATIONAL ATTENDEE RECEPTION 6:30 pm – 7:30 pm  CHICA Canada Chapter Presidents Meeting 9:00 am – 5:00 pm  Registration 7:00 pm – 10:00 pm	<b>Monday, May 31</b> RUN FOR IFC 6:30 am  Registration 7:00 am – 5:00 pm  CHICA Industry Member/Sponsor Breakfast 7:30 am – 8:30 am  Continental Breakfast 7:00 am – 8:30 am  PRECONFERENCE DAY Full day - Cleanings, Disinfection and Sterilization  Full Day - IPAC Issues in Community Health  EXHIBITS SET UP  Committee Meetings Schedule TBA  OFFERING CEREMONIES/AWARDS 5:30 – 7:00 pm  OFFERING RECEPTION (Exhibit Hall) 7:00 pm – 9:00 pm Included in Registration	<b>Tuesday, June 1</b> Registration 7:00 am – 5:00 pm  Continental Breakfast 7:00 am – 8:30 am  KEYNOTE SPEAKER  PLENARY SESSIONS  CONCURRENT SESSIONS  EXHIBITS/ INTERNET CAFE/ LUNCH  Committee Meetings Schedule TBA  Poster Presentations  Oral Presentations  SPECIAL EVENT Details TBA Not included in Registration 6:00 – 10:30 pm	<b>Wednesday, June 2</b> Registration 7:00 am – 5:00 pm  Strut Your Stuff! Breakfast 7:00 am – 8:30 am  PLENARY SESSIONS  CONCURRENT SESSIONS  EXHIBITS/ INTERNET CAFE/ LUNCH  Committee Meetings Schedule TBA  Oral Presentations  SPECIAL EVENT Details TBA Not included in Registration	<b>Thursday, June 3</b> Registration 7:00 am – 12 noon  CHICA Canada Annual General Meeting and Town Hall Breakfast – All Welcome 7:00 am – 8:30 am  PLENARY SESSIONS  CLOSING SESSION  CLOSING CEREMONIES  DEBRIEFING SESSION (COMMITTEES) 1:00 – 3:00 pm  SPECIAL EVENT For those staying in Vancouver tonight Details TBA Not included in Registration

**KEYNOTE SPEAKER**



**Marnie McBean**  
Tuesday, June 1, 2010  
8:30 am – 9:30 am

Marnie McBean (right) and rowing partner Kathleen Huddle (left), Canada's only summer Olympic triple Gold Medalists.



**CLOSING SPEAKER**



**Yvonne Camus**  
Thursday, June 3, 2010  
10:30 am – 11:30 am

The Eco-Challenge Team





Voices of CHICA 

## SOCK HOP!

### 50s and 60s Style

**Wednesday, June 2, 2010**



Voices of CHICA 

## Audit Toolkit Update




**Karen Clinker**  
Director, Programs & Projects

Voices of CHICA 


## ARO Point Prevalence Study

Oscar Larios MD, FRCPC  
For the Study Team  
olarios@mtsinai.on.ca

Voices of CHICA 

## Rationale for Study

- The emergence of AROs is a major public health concern, particularly in healthcare.
- A high prevalence of AROs leads to increased lengths of hospital stay and bed-blocking in healthcare facilities.
- Although CNISP data are valuable, the surveillance involves a relatively small number of healthcare facilities, primarily tertiary-care teaching hospitals.

Voices of CHICA 

Hosted by Paul Webber paul@webbertraining.com  
www.webbertraining.com

# Voices of CHICA

## March 2010 Edition


### Purpose

- To generate baseline data about AROs in teaching and non-teaching, large and small, urban and rural hospitals in Canada.
- Focuses on the burden of illness associated with three major antibiotic-resistant pathogens: MRSA, VRE, and *C. difficile*.
- Data will assist in defining the burden of AROs in Canadian hospitals, and support the appropriate prioritization of prevention programs.

Voices of CHICA 

### Objectives

- Primary
  - To determine the prevalence of MRSA and VRE colonization and infection among adults hospitalized in Canadian acute-care hospitals.
  - To determine the prevalence of *C. difficile* infection among adults hospitalized in Canadian hospitals.
- Secondary
  - To describe demographic and select clinical/epidemiologic features of patients with prevalent MRSA, VRE, and *C. difficile* infection in Canadian hospitals.
  - To determine institutional characteristics associated with MRSA, VRE, and *C. difficile* infection rates.

Voices of CHICA 


### Methods

- All 406 acute-care hospitals in Canada with at least 50 inpatient beds will be approached to participate.
- Eligible patients are adult inpatients ( $\geq 18$  years of age) in participating hospitals on the day of the survey.
- A one-day point-prevalence survey will be conducted on a day between November 8 to 21, 2010 (each hospital chooses most convenient day).

Voices of CHICA 

### Data collection

- Hospital questionnaire
  - 24 questions (eg. number of beds, services provided, cleaning policies, number of MRSA patients last year)
- Patient questionnaire
  - One for each patient with MRSA, VRE, or CDI
  - 13 questions (eg. age, gender, whether in private room)

Voices of CHICA 

### Data Management

- Data will be analyzed centrally
- Hospitals will be coded, and all files will be password protected and stored only on secure servers.
- When the analysis is complete, each hospital will receive a summary of their own data, compared to all hospitals, and hospitals with similar profiles.
  - No data will allow anyone else to identify your hospital.
- Plan is to publish the results in a scientific medical journal.

Voices of CHICA 

### ARO Prevalence Study Team

- Dr. Andrew Simor (principal investigator)
- Dr. Oscar Larios (co-principal investigator)
- Dr. Brenda Coleman (co-investigator)
- Ms. Denise Gravel (co-investigator)
- Mr. Zahir Hirji (CHICA co-investigator)
- Ms. Felicia Laing (CHICA co-investigator)
- Dr. Allison McGeer (co-investigator)
- Ms. Christine Moore (co-investigator)
- Dr. Karl Weiss (co-investigator)

Voices of CHICA 

Hosted by Paul Webber [paul@webbertraining.com](mailto:paul@webbertraining.com)  
[www.webbertraining.com](http://www.webbertraining.com)

# Voices of CHICA


## March 2010 Edition


### CSA Sterilization Standards



Susan Lafferty


Voices of CHICA 



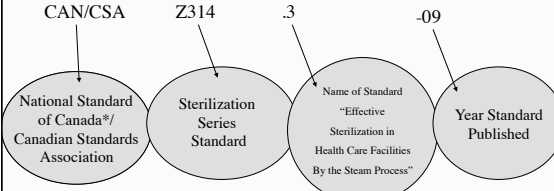
Voices of CHICA 


### CSA Health Care Standards

- Z314 Series Includes 25 Standards for Reprocessing, Handling and Storage of Medical Devices e.g.
  - Steam Sterilization
  - Warehousing
- Z317 Series includes Health Care Facility Engineering and Physical Plant e.g.
  - HVAC
  - IC and Construction

Voices of CHICA 


### CSA Standards Title



Voices of CHICA 

### CSA Standards and ISO Standards


- Harmonized standards with ISO (International Organization for Standardization) e.g.
  - CAN/CSA Z17664-06  
*Sterilization of Medical Devices-Information to be Provided by the Manufacturer for the Processing of Re-sterilizable Medical Devices*


Voices of CHICA 

### Frequently Used CSA Standards

- Z314.2-09 *Effective Sterilization in Health Care Facilities by the Ethylene Oxide Process*
- Z314.3-09 *Effective Sterilization in Health Care Facilities by the Steam Process\**
- Z314.8-08 *Decontamination of Reusable Medical Devices*

\*Incorporates Z314.13-01 *Emergency (Flash) Sterilization* which has been withdrawn



Voices of CHICA 

# Voices of CHICA

## March 2010 Edition


### Frequently Used CSA Standards

- Z314.10.1-10 *Selection and Use of Gowns, Drapes, and Wrappers in Health Care Facilities*
  - Z314.10.2-10 *Laundry, maintenance, and Preparation of Multiple-Use Gowns, Drapes and Wrappers in Health Care Facilities*
- Above replaces Z314.10-03 *Selection, Use, Maintenance, and Laundering of Reusable Textile Wrappers, Surgical Gowns, and Drapes for Health Care Facilities*

Voices of CHICA 

### Frequently Used CSA Standards

- Z314.14-04 *Selection and Use of Rigid Sterilization Containers*
- Z314.15-10 *Warehousing, Storage and Transportation of Clean and Sterile Medical Devices*
- Z314.22-04 *Management of Loaned, Shared and Leased Medical Devices*

Voices of CHICA 


### BI and CI Standards

- CAN/CSA Z11138-1-07 *Biological Indicators Part 1 General requirements*
- CAN/CSA Z14161-06 *Biological Indicators-Guidance for the Selection, Use and Interpretation of Results*
- CAN/CSA Z11140-07 *Chemical Indicators Part 1 General requirements*
- CAN/CSA Z15882-09 *Chemical Indicators-Guidance for the Selection, Use and Interpretation of Results*

Voices of CHICA 

### Washer-Disinfector Standards CAN/CSA Z15883 (5 Parts)

- 15883-1-09 *Part 1: General Requirements, terms definitions and tests*
- 15883-2-09 *Part 2: Requirements and tests for washer disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, bowls, dishes, receivers, utensils, glassware, etc.*

Voices of CHICA 

### Washer-Disinfector Standards CAN/CSA Z15883 (5 Parts)

- 15883-3-09 *Part 3: Requirements and tests for washer disinfectors employing thermal disinfection for human waste containers*
- 15883-4-09 *Part 4: Requirements and tests for washer disinfectors employing thermal disinfection for thermo-labile endoscopes*

Voices of CHICA 

### Washer-Disinfector Standards CAN/CSA Z15883 (5 Parts)

- Z15883-5-09 *Test Soils and methods for demonstrating cleaning efficacy*



Voices of CHICA 

# Voices of CHICA

## March 2010 Edition

### Works in Progress

- Drafting new CSA Standard for Chemical Sterilization of Reusable Medical Devices in Health Care Facilities (anticipated publication January 2011)
- Drafting new ISO Guidance on "Product Families" steam sterilization
- 15883 Part 6 Standard for Cart Washer Disinfectors

Voices of CHICA 

### Link to Sterilization Standards CSA Online Stores

- <http://www.shopcsa.ca/onlinestore/GetCatalogDrillDown.asp?Parent=3686>

- Standards can be purchased as:
  - online subscription (bundled or individually)
  - hard copies (individually)

Note: Buyers of standards automatically receive amendments to existing, purchased standards

Voices of CHICA 


Thank You

Voices of CHICA 

### Thanks to Voices of CHICA Sponsors



3M Canada

JohnsonDiversey   
Clean is just the beginning



ECOLAB 

Voices of CHICA 