Maritime Chapter Conference - Section de le maritime
May 5th- 7th 2019
Delta Beauséjour, Moncton, New Brunswick

“Healthcare Infrastructure-Understanding the risks”

Conference Program

Sunday May 5th

7:00 – 9:00 pm – Registration, Opening reception

Location: Petitcodiac
Monday May 6th

8:00 – 8:45 am – Registration and Breakfast

Location: Shediac BC

8:45 – 8:50 am – Welcoming Remarks – Helen Comeau; Chair, CHES Maritime

8:50 – 8:55 am – Greeting from the National Board – Preston Kostura, President CHES

9:00 – 10:00 am – Key note Address Dr. Sohrab Lutchmedial

Treating Cardiac disease at the New Brunswick Heart Centre - How geography and facility planning impact the delivery of care of our patients.

Sohrab Lutchmedial obtained his Biology degree from Queens University and then his Medical degree from McGill University in 1993. He further trained in Internal Medicine and Cardiology at McGill. He was certified as a Fellow of the Royal College of Physicians and Surgeons of Canada in Internal Medicine (1996) and in Cardiology (1999). He completed subspecialty training in Interventional Cardiology at L’université de Montréal in 2001. Sohrab is the director of the Interventional Cardiology program at the NBHC, sits on the New Brunswick Heart and Stroke board and is the Atlantic representative for the Canadian Association of Interventional Cardiologists. Dr. Lutchmedial is co-founder of the outcomes research group CoVeR-NB (www.cvrnb.ca) and a founding member of the IMPART research cooperative (https://impart.team/). He acts as Editor in Chief of the NBHC newsletter ‘Heartbeat’ and creates medical teaching videos for the NBHC patient population. His research interests include Acute Coronary Syndromes, adolescent cardiac risk factors and disease, and coronary physiology. He speaks both French and English.

Sohrab will discuss how we have had to tailor our program and our treatments to the realities of space constraints, refurbishments, cost crunches, weather issues, antagonistic (other) departments and the physical laws of the universe.
Monday May 6th, con’t

10:00 – 10:45 am – Seminar 1: Renewal of Critical Infrastructure and Reducing Patient Risks
Presenters: Brandon Fictorie – TEK Engineering, Vito Lemczyk – ASCO Power Technologies

When a hospital opens its doors for the first time, critical equipment is brand new and considered to be the most reliable that it will ever be. As the years go by the probability of failure of that equipment increases thereby increasing the risk to patients. As such hospital management is tasked with identifying when critical equipment should be renewed to minimize the risk of catastrophic failure.

Hospital services are provided 24/7 for patients and critical services are expected to be provided without interruption. Once a renewal project is approved a critical part of the planning is determining how patient services can be maintained during the equipment replacement process. We’ll discuss the strategies that were used to upgrade Automatic Transfer Switches at the Miramichi Regional Hospital while minimizing risks and maintaining patient services. We’ll also discuss lessons learned and recommendations for future projects of similar nature.

10:45 – 11:00 am – Refreshment Break

11:00 – 11:45 am – Seminar 2: Wayfinding in health care facilities
Presenter: Allison Moz, BFA Wayfinding partner, eyecandy SIGNS INC.

How do you make sure people move efficiently and intuitively through a busy hospital? Communicating, in an instant, to everyone regardless of language or physical barriers? The answer is wayfinding. And it impacts everyone on site including patients, visitors, staff and maintenance subcontractors. This presentation provides an illustrated summary of the role wayfinding plays in health care facilities. We provide a comprehensive overview of the CSA standard for wayfinding in health care facilities and explain the 4 pillars of wayfinding: Places, People, Elements and Continual improvement. We further explain CSA standards on accessible design as it pertains to wayfinding and examine milestones set across Atlantic Canada for implementation. With the goal of continual improvement we will demonstrate the risks of a failing wayfinding system. We will analyze 2 standards of challenges: those experienced within small rural facilities and those experienced at larger more complex sites. We will identify typical wayfinding problems and reference the CSA standards for wayfinding as we provide the tools needed to overcome common inefficiencies. Our presentation outlines best practices and the processes needed to implement an effective wayfinding system including long term planning and regular maintenance.
Objectives:

1. Understand the risks of ineffective wayfinding
2. Recognize the elements of a wayfinding system
3. Explain the role of accessible design
4. Provide recommended best practices for implementing efficient and effective wayfinding systems
5. Understanding the importance of maintaining up-to-date wayfinding

11:45 am – 12:30 pm – Seminar 3: Forging a path to resiliency; Using CSA Z8002 to increase the capacity to respond to operational disturbances

Presenter: Robert Barss – Nova Scotia Health Authority

This session is about the changes to the latest edition of CSA Z8002 Operation and Maintenance of healthcare facilities.

This session will provide the participants with:

- An overview of Canadian Standards Association (CSA Group)
- Background of Z8002 and where it fits in the health care standards universe;
- Learn about the updates in Z8002, and how the new edition has evolved to take into account current trends, advances, and needs in health care.

12:30 – 1:00 pm – Lunch and Annual General Business Meeting

1:00 – 5:00 pm – Afternoon with Exhibitors

Location: Ballroom A & B

2:30 – 2:45 – Refreshment break

4:00 – 5:00 pm – Happy Hour on the Exhibit Floor

4:45 pm – Vendor draw prizes

6:00 pm – Dinner – The Old Triangle Irish Alehouse – 1751 Main St (across from the Delta)
Tuesday May 7th

8:00 – 8:45 am – Breakfast
Location: Beausejour A

8:50 – 9:35 am – Seminar 4: Life Safety Integration
Presenter: Derwin Swiminer – Nova Scotia Office of the Fire Marshal
A recent update to standard CAN/ULC S-1001 require life system integration testing every five years. Derwin will discuss how this will impact the healthcare facility inspection process.

9:35 – 10:20 am – Seminar 5: On Going Maintenance of Medical Gas systems
Presenter: Tony Wilkins – RPC Science and Engineering
This session will provide the participants with:
• Requirements for a dedicated medical gas qualified operator
• 3 year audit cycle
• Medical air maintenance

10:20 – 10:30 am – Refreshment break

10:30 – 11:15 am – Seminar 6: 3D Laser Scanning Technology
Presenter: Ewan Scott - Operations Manager CFM Technical Services
This session will provide the participants with:
• A brief explanation of 3D Laser Scanning Technology and the data collected
• How this data can be safely and quickly collected without any interruption to a facility
• How information can be tagged, stored and shared
• Examples of how this technology can be applied to new construction as well as upgrades to existing facilities

11:15 am – 12:00 pm – Seminar 7: What Could Possibly Go Wrong?
Presenter: Gordon Burrill - President of Teegor Consulting Inc.
As the world around us continues to change, healthcare facilities are increasingly asked to be the last bastion of safety in the face of ever-increasing natural or man-made catastrophic events, while doing so with infrastructure that continues to age. The challenge is to figure out where to expend precious financial and human resources to maximize your likelihood of being able to respond favourably to unscheduled events as they present themselves. While the 2018 edition of CSA Z8000 Canadian Health Care Facilities does offer guidance for health care organizations that are planning new facilities, the concepts are equally
valid for those existing buildings wishing to optimize their responses in such events. The concepts of catastrophic event management in CSA Z8000 in combination with an all hazards vulnerability assessment and further bolstered by the rigours of CSA Z1600 Emergency and Continuity Management Program will place your organization well on their way to being ready for whatever may come your way.

Session Objectives:

1. Attendees will gain an understanding of the Catastrophic Events Managements section housed in the CSA Z8000-18 Canadian Health Care Facilities standard,
2. Attendees will gain a high-level knowledge of the philosophies contained in the CSA Z1600-17 Emergency and Continuity Management Program standard, and
3. Attendees will work through a Hazards Vulnerability Analysis for Infrastructure elements for their own facilities and start to evaluate their own vulnerabilities and where to focus efforts on building contingency plans.

12:00 – 1:00 pm – Lunch

CHES Maritime Draw Prizes / Conference Wrap Up

Thank you to all our sponsors