

# CSRT | ANNUAL 2023 | CONFERENCE

Charlottetown, PEI  
May 11-13



#CSRT2023

## Thank you to our industry partners

The Canadian Society of Respiratory Therapists is proud to acknowledge the generous contributions of the following companies towards the success of our conference, and for their continued commitment to the profession of respiratory therapy. These non-restricted financial contributions support the overall program development and delivery of the education sessions at the annual conference.

### PLATINUM

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**Aerogen**<sup>®</sup>



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## Exhibitors

The following is a list of exhibitors at the CSRT 2023 Annual Conference. Please take the time to visit each exhibit booth during the breaks as it provides an opportunity to increase your knowledge and understanding about new products and equipment and their clinical applications.

<b>Aerogen</b>	<b>Johnson &amp; Johnson Consumer Health</b>
<b>AirLiquide/VitalAire</b>	<b>Limbs and Things</b>
<b>Ambu Healthcare Solutions Canada Inc.</b>	<b>Mallinckrodt</b>
<b>AstraZeneca</b>	<b>Masimo</b>
<b>BLES Biochemicals</b>	<b>McArthur Medical</b>
<b>BOMImed</b>	<b>Medtronic</b>
<b>Canadian Hospital Specialties Ltd</b>	<b>Methapharm</b>
<b>Canadian Network for Respiratory Care</b>	<b>New Brunswick Community College</b>
<b>Convergence Medical Sciences</b>	<b>Northern Health</b>
<b>Draeger</b>	<b>Nova Biomedical</b>
<b>Fisher &amp; Paykel</b>	<b>Nova Scotia Health</b>
<b>Fraser Health</b>	<b>Novus Medical</b>
<b>Gaumard Scientific</b>	<b>Philips Electronics Ltd</b>
<b>GE Healthcare</b>	<b>Provincial Health Services</b>
<b>Getinge</b>	<b>Southmedic</b>
<b>GlaxoSmithKline</b>	<b>Spectramedx</b>
<b>Grifols</b>	<b>TIMS Software</b>
<b>HEINE Instruments Canada</b>	<b>Trudell Healthcare Solutions</b>
<b>Interior Health Authority</b>	<b>Vancouver Coastal Health</b>
<b>Intersurgical</b>	<b>Werfen</b>

## Exhibit Hall Hours

### Thursday May 11th

12:20 to 1:30 Lunch (*Exhibit Hall Officially Opens*)

5:15 to 7:00 Welcome Reception

### Friday May 12th

9:55 to 10:15 Morning Nutrition Break

12:10 to 1:10 Lunch

2:55 to 3:25 Afternoon Nutrition Break

### Saturday May 13th

9:55 to 10:25 Morning refreshment break

12:10 to 1:10 Lunch



## Wednesday, May 10, 2023

### PRE-CONFERENCE PROGRAM & WORKSHOPS ON NEONATAL VENTILATION

11:45 - 12:30	<b>Lunch</b>
12:30 - 12:45	<b>Orientation and Welcome</b> <i>Dr. Gani Abdul Wahab</i>
12:45 - 1:15	<b>Lung Protective Strategies in Neonates</b> <i>Dr. Yasser Elsayed</i>
1:15 - 1:45	<b>Current Challenges in Invasive ventilation</b> <i>Dr. Gani Abdul Wahab</i>
1:45 - 2:15	<b>Current Challenges in Non-invasive ventilation</b> <i>Dr. Yasser Elsayed</i>
2:15 - 2:30	<b>Coffee Break</b>
2:30 - 3:00	<b>Oxygen titration by NIRS &amp; Pulse Oximetry</b> <i>Dr. Yasser Elsayed</i>
3:00 - 3:30	<b>Open Discussion with Challenging Cases</b> <i>Dr. Yasser Elsayed</i>
3:30 - 3:40	<b>Break</b>
3:40 - 4:20	<b>WORKSHOP I: Challenges with Invasive ventilation WORKSHOP</b>
4:20 - 5:00	<b>II: Challenges with Non-invasive ventilation</b>
5:00 - 5:30	<b>Question &amp; Answers</b>

#### WORKSHOP I

##### INVASIVE VENTILATION CHALLENGES WITH INVASIVE VENTILATION

- *Synchronisation in Invasive ventilation*
- *Precision in the delivered tidal volume*

#### WORKSHOP II

##### NON-INVASIVE VENTILATION CHALLENGES WITH NON-INVASIVE VENTILATION

- *Synchronisation in Noninvasive ventilation*
- *Precision of pressure at noninvasive interfaces*

This session is designed for RRTs working in the NICU or PICU. Max of 50 participants.



**NEOPEDS ACADEMY**

Presented by Neopeds Academy

Facilitators:

*Dr. Yasser Elsayed, MD, PhD, (Staff Neonatologist at Health Sciences Center)*  
*Dr. Muzafar Gani Abdul Wahab, MBBS, MD, MSc, (Staff Neonatologist at McMaster Children's)*



# Thursday, May 11, 2023

**RT EDUCATION**

**EVOLVING THE PROFESSION**

**CHRONIC DISEASE PREVENTION AND MANAGEMENT**

9:00 – 9:15

**Official Conference Opening and Land Acknowledgement**

9:15 – 10:15

**Research priorities for the RT profession**  
*Mika Nonoyama, RRT, PhD*  
*Marco Zaccagnini, PhD(c), MSc, RRT, CCAA, FCSRT*

10:20 – 10:40

**Nutrition Break**

10:45 – 11:30

**Is CBE over-rated or the future of RT-training?**  
*Jeff Kobe, RRT, FCSRT, CCAA, CA(A)*

**To speak or not to speak**  
**WORKSHOP (90 minutes)**

*Andrea White Markham, RRT, CRE, CTE*

**Tobacco cessation: What is the current best practice?**

**WORKSHOP (90 minutes)**

*Aaron Ladd, RRT, M.Ed, FCSRT, CRE, CTE, CTTS*

11:35 – 12:20

**Standardization of RT program requirements across Canada**  
*Rodel Padua, RRT, BSc, CRE, CTE*

12:20 – 1:30

**Lunch and Opening of Exhibit Hall**

1:35 – 2:25

**Psychological safety in simulation - How are we doing?**  
*Noel Pendergast, RRT, BPEd, MPH*

**Volunteerism as a SRT: My experience with Team Broken Earth**  
*Kaely Marques, SRT*

**A rehabilitative approach to NIV acclimatization**  
*Rena Sorensen, RRT, MSc, FCSRT, CAE*

2:30 – 3:15

**The use of simulation to supplement practicum time**  
*Brian Witschen, RRT*

**Advanced practice respiratory therapist...that exists?**  
*John Huynh, RRT*

**Spirometry as a diagnostic tool: Is the fixed ratio from GOLD still the golden rule?**  
*Olsen Jarvis, BHEc, RRT, CRE*

3:20 – 4:05

**Addressing the need for end-of-life care education**  
*Kimberly Clark, EdD, RRT*

**Global citizenship in respiratory care**  
*Yvonne Drasovean, RRT, MEd, FCSRT*  
*Julie Brown, RRT*

**Good vibrations - Our patients' experiences using Simeox for airway clearance**  
*Danny Veniott, BSc, RRT*  
Sponsored by Novus



5:15 – 7:00

**Welcome Reception**








# Friday, May 12, 2023

	VENTILATION IN THE COMMUNITY	LEADERSHIP	NEONATAL AND PEDIATRICS	PROFESSIONAL ISSUES
8:15 – 9:00	<b>ABCs of NIV in the home setting</b> Lily Cheung, RRT, BA Faiza Syed, BHSC, RRT	<b>Oxygen stewardship program: A drug, not a Band-Aid!</b> Lindsay Martinek, BA.Hon, RRT, MHS	<b>A reflection on what’s new in PICU and what’s to come</b> Katherine Reise, RRT, MScCH	<b>Shading the grey... translating knowledge into practice</b> Jennifer Barton, RRT Kelly Hassall, RRT, FCSRT, BSc, MEd
9:10 – 9:55	<b>Pearls of NIV modes in the home setting</b> Faiza Syed, BHSC, RRT Lily Cheung, RRT, BA	<b>Leader as coach: Building an engaged team</b> Danielle McDonagh, RRT, BSc, BA, MA	<b>Use of video laryngoscopy as a teaching tool for neonatal intubation</b> Jenna MacKinnon, BHSc, BSc, RRT Carolyn McCoy, BHSc, RRT, FCSRT	<b>Moral injury: RTs’ experiences during the COVID-19 pandemic</b> Andrea D’Alessandro-Lowe, BA, MSc
9:55 – 10:25	<b>Nutrition Break</b>			
10:30 – 11:15	<b>INDUSTRY EDUCATION SESSION</b> <b>Breaking down barriers to transitioning to minimally invasive surfactant administration (MIST) in neonates with NRDS: A guided approach</b> Dr. Orlando da Silva, MD, MSc, FRCPC Presented by BLES Biochemical Inc.	<b>INDUSTRY EDUCATION SESSION</b> <b>Oxynov FreeO2: Safer and more effective oxygen therapy</b> Speaker TBD Presented by Novus Biomedical	<b>INDUSTRY EDUCATION SESSION</b> <b>Neonatal Non-Invasive mode internal transport case study</b> Heather Gillean, RRT Sonia Larouche, RRT, Inh Presented by BOMImed Medical Inc.	
11:25 – 12:10	<b>Role of the rural RT in neuromuscular diagnostics and treatments</b> Rena Sorensen, RRT, MSc, FCSRT, CAE	<b>Using virtual-patient simulation to improve speaking up</b> Brian Witschen, RRT Jennifer Stefura, MAL, BSc, RRT	<b>Validation of the pediatric airway simulation scoring rubric</b> Katherine Reise, RRT, BSc, MScCH Roger Correia, RRT, BSc, MHS	<b>Psychological safety - What it is, isn't and why it matters</b> Kari White, RRT, FCSRT, MScCH
12:10 – 1:10	<b>Lunch</b>			
1:15 – 2:00	<b>Remote monitoring for home mechanical ventilation</b> Riley Moss, RRT	<b>Improving Indigenous cultural safety competences in teams</b> Elan Natrass, RRT, MA (Leadership - Health Specialty)	<b>Pediatric aerosol delivery - A scoping review</b> Sébastien Tessier, MBA, RRT FCSRT Victoria Ploszay, BSc, RRT	<b>PTSD and SRT in clinical placement</b> Jordan Leitch, SRT
2:10 – 2:55	<b>Tracheostomy care from acute to community</b> Joanne Terry, RRT, CRE	<b>Acute critical event debriefing (ACED)</b> Roger Correia, RRT, BSc, MHS	<b>An RT-specific approach to neonatal chest x-rays</b> Anthony Iacolucci, HonBSc, RRT, C-NPT	<b>Communication in healthcare</b> Denis Zaravinos, RRT
2:55 – 3:25	<b>Nutrition Break</b>			
3:30 – 4:15	<b>INDUSTRY EDUCATION SESSION</b> <b>Target tidal volume and advanced monitoring in long term ventilated patients</b> Joseph Frey, MBA, RT Presented by McArthur Medical	<b>INDUSTRY EDUCATION SESSION</b> <b>Optimizing your work with Aerogen – A success story</b> Kevin McElreavy, RRT Presented by Aerogen	<b>INDUSTRY EDUCATION SESSION</b> <b>An update on COPD management</b> Dr. Aaron LeBlanc, MD, Med, FRCPC Presented by GSK	
4:25 – 5:10	<b>Long-term NIV in patients with COPD</b> Marta Kaminska, MD	<b>Respiratory therapy staff recruitment and retention in BC</b> Ingrid Hakanson, BSc, RRT, MA	<b>The ethics of ambiguity: Life and death in the NICU</b> Evan Richards, RT, BSc	<b>Micro-credentials: Opportunities for RT education</b> Lori Peppler-Beechey, RRT, BSc, MHS, FCSRT
7:00	<b>CSRT / Novus Fun Night</b>			



# Saturday, May 13, 2023

	CRITICAL CARE	PRIMARY CARE	RESEARCH AND INNOVATION	ANESTHESIA ASSISTANCE
8:15 – 9:00	<p><b>Is it time to revisit the PaO<sub>2</sub>/FiO<sub>2</sub> ratio?</b> Sunitha Palanidurai, RRT, ACCS</p>	<p><b>What is the landscape of respiratory therapy within Canadian primary healthcare?</b></p> <p><b>PANEL/WORKSHOP (90 minutes)</b> Joanne Terry, RRT, CRE Amanda Babineau, RRT, CRE Colleen Makarowski, RRT, CRE</p>	<p><b>Riding the wave: An introduction to ICU bedside POCUS</b></p> <p><b>WORKSHOP (90 minutes)</b> Kim Lewis, MD, FRCPC, MSc Kelly Hassall, RRT, FCSRT, MEd, BSc John Plumb, RRT, CCAA</p> <p>(Maximum of 30 participants - Pre-registration required)</p>	<p><b>The anesthesia care team model and role of AAs in Nova Scotia</b> Claire Ward, BSc, BHSc, RRT, CCAA</p> <p><b>Airway management &amp; pharmacologic approach to deep sedation</b> Jeff Kobe, RRT, FCSRT, CCAA, CA(A)</p>
9:10 – 9:55	<p><b>Critical care RTs' role and impact across North America</b> Shirley Quach, MHSc, FSCRT, RRT, CRE</p>			
9:55 – 10:25	<b>Nutrition Break</b>			
10:30 – 11:15	<p><b>INDUSTRY EDUCATION SESSION</b> <b>The evolution of change of our Innovative SoKINOX nitric oxide delivery and monitoring device</b> Danny Amaral, RRT, Inh. Presented by Air Liquide Healthcare</p> 	<p><b>INDUSTRY EDUCATION SESSION</b> <b>Airway clearance &amp; COPD – The benefits of integrating a non-pharmacological approach</b> Joanne Terry, RRT, CRE, CTE Jacqueline Turvey, RRT, CRE, CTE Presented by Trudell Healthcare Solutions</p> 	<p><b>INDUSTRY EDUCATION SESSION</b> <b>From the cuff: Trach tube sizing and Shiley Flex solutions</b> Nick Kolozetti, RRT CCAA Presented by Medtronic</p> 	
11:25 – 12:10	<p><b>A novel approach to determining optimal PEEP</b> Pete Dhillon, RRT Dan Jewers, RRT</p>	<p><b>Job satisfaction of respiratory therapists in primary care</b> Louise Chartrand, RRT, PhD Sandra Biesheuvel, RRT</p>	<p><b>Exploring practices used during difficult mask ventilation</b> Bridgette Cocquyt, BHSc, SRT</p>	<p><b>Procedural sedation and PICCs to private clinics</b> Brandon D'Souza, BHSc, RRT, CCAA, FCSRT</p>
12:10 – 1:10	<b>Lunch</b>			
1:15 – 2:00	<p><b>COVID prevention and care in humanitarian crises</b> Jason Nickerson, RRT, PhD, FCSRT</p>	<p><b>Harmonicas for health (and happiness)</b> Jacqueline Turvey, RRT, CRE, CTE Tracee Gallant, RRT</p>	<p><b>Will tidal volume recommendations ever change?</b> Thomas Piraino, RRT, FCSRT, FAARC</p>	<p><b>Safety of immediate extubation and factors associated with delayed extubation</b> Raluca Tiganila, BHS, RRT, CCAA James Raco, RRT Robert Gilbert, PhD</p>
2:10 – 2:55	<p><b>VILI and delirium - Are they linked? Brain lung cross talk</b> Elizabeth Rohrs, RRT, PhD</p>	<p><b>Rethinking asthma, endotypes &amp; phenotypes</b> Heather Murgatroyd, RRT, BA Sponsored by Methapharm</p> 	<p><b>Pediatric cardiac surgery race to extubation</b> Teresa Volsko, MBA, MHHS, RRT, FAARC Kathy Fedor, MBA, RRT, RRT-NPS, FAARC</p>	<p><b>Lung transplantation: BC update and learnings</b> Mark Carolan, RRT, CCAA</p>
2:55 – 3:10	<b>Nutrition Break</b>			
3:15 – 4:00	<p><b>Overview of monitoring guidelines and capnography</b> Nick Kolozetti, BSc, RRT, CCAA Sponsored by Medtronic</p> 	<p><b>2020 Asthma guidelines' impact on clinical practice</b> Kathy Fedor, MBA, RRT, RRT-NPS, CPFT</p>	<p><b>Necessity is the mother of innovation</b> Jane Donovan Purcell, RRT, CRE</p>	<p><b>Case Study: 43-year-old female open left hemicolectomy</b> Julianna Gowing, BSc, RRT, CCAA</p>
4:10 – 4:55	<p><b>The flip side of proning: An interdisciplinary approach</b> Stefanie Piatek, OT Reg. (Ont.), MA, BSc(OT), BA Kelly Hassall, RRT, FCSRT, MEd, BSc</p>		<p><b>RRTs and LPNs: Trailblazers in nursing leadership</b> Lynard Higoy, BMR (RT), RRT, CRE, CTE, GDLM</p>	<p><b>Lidocaine infusion for bowel surgery</b> Justine Gendreau, RRT, CCAA</p>
6:00	<b>Cocktail hour</b>			
7:00	<b>President's banquet</b>			



## Network Meetings at the CSRT 2023 Conference

### THURSDAY MAY 11, 2023

**CSRT Home Ventilation** Network meeting – 10:00am-1:00pm

### FRIDAY MAY 12, 2023

**CSRT Primary Care** Network meeting – 10:30am – 12:00pm

**CSRT CCAA** Network meeting – 3:30pm-5:00pm

**CSRT Clinical Simulation** Network meeting – from 3:15pm - 4:15pm





## General Information

### CONTINUING EDUCATION / PROFESSIONAL DEVELOPMENT CREDITS

All presentations have been approved for CSRT credits (0.25 credits/15 min or 1.0 credit/hour). The conference program also satisfies the requirements of your provincial regulatory body for quality assurance and professional development credits. A certificate of attendance will be made available after the conference.

**QUESTIONS** Contact us by

**Email:** [conference@csrt.com](mailto:conference@csrt.com)

**Phone:** 1-800-267-3422

### SOCIAL EVENTS

#### Welcome Reception – Exhibit Hall

Thursday, May 11th, 2023

5:15-7:30pm

#### Are you wondering who is attending this year's conference?

Join us in the Exhibit Hall for the official welcome! Enjoy small bites and beverages while visiting our exhibitors and networking with your peers. Be prepared to enjoy some local music and be entered into a draw for a grand prize! One Welcome Reception ticket is included with registration and is good for one beverage at the bar – additional tickets can be purchased for \$15 + tax. *Casual dress attire.*

#### Meet the CJRT Editor!

Thursday, May 11th, 2023

5:15-6:15pm

The Editor-in-Chief and Board members from the *Canadian Journal of Respiratory Therapy* will be available at the CJRT booth outside the Exhibit Hall during the Welcome Reception. We welcome all questions on potential submissions, the review process, or any thoughts or comments you might have on the journal that represents your profession. We want to hear from you, so be sure to stop by!

#### CSRT/Novus Fun Night!

Friday, May 12th, 2023

Starts at 7:00pm

The CSRT and Novus Medical are hosting this year's fun night which will take place at Peake's Quay, a known Maritime tradition and located right on the harbour. Be prepared to enjoy the flavours and sounds of the island, just a few steps away from the Delta hotel. Meet in the lobby for 6:45pm to walk along the boardwalk together. It is mandatory to have a ticket as this event does sell out! *Casual dress attire.*



#### President's Cocktail Reception – Convention Centre Foyer

Saturday, May 13th, 2023

6:00-7:00pm

Join Kuljit Minhas, CSRT President, and members of the CSRT Board of Directors for a cocktail before we make our way into the ballroom for dinner and awards. *Business and cocktail dress attire.*

#### President's Banquet and Awards Ceremony

Saturday, May 13th, 2023

7:00-10:00pm

A perfect way to unwind, acknowledge CSRT award recipients and enjoy the last evening of the conference. Additional tickets are \$105 + tax. *Business and cocktail dress attire.*

#### Things to do in Prince Edward Island...

The island has much to offer and we want you to get to experience as much of it as you'd like! Meetings and Convention PEI has offered our delegates access to their virtual delegate bag, which includes a variety of discounts. Download the app on your phone or visit their website <https://www.delegatebag.ca/> and remember to SHOW YOUR BADGE!



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The Canadian Society of Respiratory Therapists (CSRT) is the voice for Canada's growing community of respiratory therapists.

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