



10:50 to 11:05 EDT (this session spans both streams)

HYBRID BILEVEL MASKS FOR ACUTE CARE

Presenters: Lindsay McFarland, RRT; Roger Chute, RRT

Industry Education Session by Canadian Hospital Specialties

Speaker Biography

Lindsay McFarland joined the ResMed team 2 years ago as Clinical Specialist for Western Canada and is based in Vancouver. Lindsay is a Respiratory Therapist with experience in hospital, homecare, and healthcare software.

Speaker Biography

Roger Chute has worked in various clinical roles as a Respiratory Therapist for over 25 years. For the past 9 years, Roger has been focused on the industry side of the profession, first with CAREstream Medical and now with CHS. Having worn several hats during this time, including product development and clinical specialist, Roger is one of two Product Managers for the Respiratory/Anesthesia portfolio at CHS.

Learning Objectives

A new thinking on bilevel masks – Maximizing Patient Comfort in a Cost-Conscious Environment

11:10 to 11:40 EDT

HUMAN FACTORS IN CRITICAL EVENTS

Presenter: Heather O'Donnell, RRT, CCAA

Speaker Biography

Heather O'Donnell graduated from the RRT program Fanshawe program 2002 and started working at Horizon Health at Saint John Regional Hospital after graduation. She graduated from the AA program via Thompson River University in 2011 and currently works within the general OR, cardiac OR and electrophysiology department as a CCAA.

Learning Objectives

1. Explain the meaning of the term "human factors"
2. Explain the relationship between human factors and patient safety
3. Learn the categories of human factors during critical events
4. Apply human factors thinking to your work environment

11:45 to 12:00 EDT (this session spans both streams)

BOMImed MANUFACTURING – OUR PROCESS AND CANADIAN RESPONSE TO THE PANDEMIC

Presenter: Brendan Guyot, MSc, PEng, Vice President of Operations, BOMImed

Industry Education Session by BOMImed

Speaker Biography

Brendan Guyot is the Vice-President of Operations at BOMImed where he has spent the past 5 years building a high-performance engineering team, developing new innovative manufacturing technologies, and strategically strengthening operations to better serve our customers.

Brendan holds a B.Sc. and M.Sc. in Mechanical Engineering from the University of Manitoba and has a unique background in Aerospace Engineering coupled with over 15 years of experience in the medical device industry.

He lives in Winnipeg with his wife, two boys, and Newfoundland dog.

Learning Objectives

Outline how our strategy to increase our manufacturing capabilities and capacity, along with new product development initiatives and facilities expansion projects have prepared us to handle the increased demands from the Canadian healthcare system due to the Covid-19 pandemic.

12:05 to 12:35 EDT

ISN'T IT IRONIC: MY ROAD TO LUNG TRANSPLANT

Presenter: Eric Celentano, BScKin

Speaker Biography

Eric Celentano is a Kinesiology graduate who spent nearly 30 years as respiratory equipment sales rep in Western Canada for Summit Technologies and Cardinal Health. He retired in 2015 due to development of pulmonary fibrosis and received a double lung transplant in Toronto in December 2018. His recovery has gone very well. Eric is using this post-transplant period to advocate for organ donation and to provide awareness for various lung diseases, including pulmonary fibrosis.

Learning Objectives

1. To bring awareness to current practices in lung transplant
2. To outline to the role of RT in the lung transplant program and chronic disease management
3. To bring awareness to organ donation

12:50 to 13:50 EDT

THE VYAIR VYNTUS FAMILY OF PRODUCTS

Presenter: John Prost, BSC, RCPT (p) and Eric Nadreau, M.Sc., ACSM-CEP, RCEP

Industry Education Session by Trudell Healthcare Solution

Speaker Biography

John Prost graduated with a BSc. Degree in Kinesiology from The University of Waterloo (1976). He then worked at a PFT Lab at Toronto General Hospital for 6 Years (1976-1982). John has been a Registered Cardio-Pulmonary Technologist (CACPT) since 1977 and served on the Board of Directors of the CACPT for 6 Year with two years as the acting President. In 1982, John became the Manager of the Firestone Institute for Respiratory Health, affiliated with St. Joseph's Hospital and McMaster University for 23 years. Apart from his Supervisory role in the Clinic and PFT Lab, John served as Tutorial Group Resource Person in Pulmonary Function for McMaster University Medical School, providing education to Medical students in pulmonary and metabolic testing. Since 2005, John has worked for Trudell Healthcare Solutions (THS) as the Clinical Applications Specialist for Vyair Pulmonary Diagnostic Products.

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Speaker Biography

Éric Nadreau is an exercise physiologist that holds a bachelor's degree in Kinesiology and a master's degree in Physiology-Endocrinology from Laval University in Quebec City. He is a Registered Clinical Exercise Physiologist from the American College of Sports Medicine. He worked at the Clinical Research Center of the Institut Universitaire de Cardiologie et Pneumologie de Québec - Université Laval for 17 years. There he set up, managed and administered the 4 exercise physiology laboratories in addition to performing the vast majority of stress tests and pulmonary function tests for various populations, mainly COPD and heart failure. In this role, he divided his time between his respiratory research responsibilities and stress testing for the benefit of the cardiology clinic. In addition to his duties with Trudell Health Solutions Inc. as a clinical applications specialist in PFT and CPET, Mr. Nadreau teaches at Laval University at the Faculty of Medicine and at the Department of Kinesiology, mainly for graduate courses in connection with the Specialized graduate diploma (DESS) in Clinical Kinesiology. He also has extensive experience as an external consultant for numerous international multicenter studies in respirology and cardiology.

Learning Objectives

Leveraging technological advancement within Pulmonary Function Testing (PFT) and Cardio Pulmonary Exercise Testing (CPET).

13:55 to 14:25 EDT

WORDS MATTER

Presenter: Kari White, RRT, FCSRT, MScCH(HPTE)

Speaker Biography

A small town girl at heart, **Kari White** moved to the 'big city' for Respiratory Therapy work experience to bring back to the north. Instead, she grew up professionally at St. Michael's, at countless patient bedsides, happily working alongside many colleagues. Kari has dedicated her energy and time to educating and developing high functioning teams – focusing on IP sim, CRM skills, Stress and Performance. She currently spends her work time as the Clinical Leader Manager at Unity Health Toronto, using that role and skills from her MScCH to help develop effective team membership, leadership, strong clinical, and educator roles and skills in her team.

Learning Objectives

1. Recognize the impact words have on our interactions in everyday and crises situations through a case discussion
2. Identify where in their own contexts they might be communicating in the grey zone between implicit and explicit
3. Hear about strategies one might consider to narrow the width of the grey zone (rules, behavioural norms, team building, and learning teams)

14:40 to 15:25 EDT

VISIBLE MINORITIES AND RT EDUCATION – OPPORTUNITY OR THREAT?

Presenter: Jimmy Joy, RRT, CRE, CTE

Speaker Biography

Jimmy Joy graduated with his Respiratory Therapy diploma from Canadore College, North Bay, Ontario in 2005. Since then, his career has spanned the breadth of the profession including acute care, pulmonary diagnostics, anesthesia, long-term care, community and primary care, as well as education. Jimmy currently is an instructor in the Respiratory Therapy program at the Southern Alberta Institute of Technology (SAIT), works with the

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Tobacco Reduction Program at Alberta Health Services, and also serves on the faculty of the Lung Association of Saskatchewan. A strong believer and advocate for lifelong learning, Jimmy is currently pursuing his Master of Education at the University of Calgary.

Learning Objectives

1. To explore the significance of equity in the respiratory therapy workforce
2. To develop an appreciation of the challenges hindering persons from diverse ethnic and cultural backgrounds from entering and succeeding in RT education programs
3. To identify opportunities to promote a culturally welcoming and supportive environment for diverse students to enrich the RT education programs

15:30 to 15:45 EDT (this session spans both streams)

TRANSPULMONARY PRESSURE AND ELECTRICAL IMPEDANCE TOMOGRAPHY: FRIENDS OR FOES

Presenter: Thomas Piraino, RRT, FCSRT, FAARC

Industry Education Session by Draeger

Speaker Biography

Thomas Piraino is a Registered Respiratory Therapist working as a staff therapist at Kingston General Hospital. He is a member of Dr. Laurent Brochard's research lab at The Centre of Excellence in Mechanical Ventilation, and a Lecturer (Adjunct) for the Department of Anesthesia Division of Critical Care at McMaster University. He has spoken at more than 50 conferences, and has more than 20 peer reviewed publications. He has also won a number of awards and recognition for his contribution to respiratory care. Additionally, he is the owner and lead developer for Keepr Web Apps. He is also working on his M.Sc. in Epidemiology.

Learning Objectives

This presentation will discuss the following:

1. The difference between global and regional respiratory measurements
2. Describe transpulmonary pressure measurements that provide regional information
3. Describe ways in which EIT and transpulmonary pressure measurements

15:50 to 16:35 EDT (this session spans both streams)

ONE DISH, ONE SPOON, AND YOU: AN RT'S GUIDE TO UNDERSTANDING AND BUILDING EQUITY, DIVERSITY AND INCLUSIVITY IN THE HEALTHCARE SECTOR

Keynote Presenters: Jeff Dionne, Past President, CSRT; Karen Schell, Past President, AARC

Speaker Biography

Jeff Dionne, RRT, is the Director of Leadership & Organizational Development at Unity Health Toronto. As a senior leader at Canada's largest faith-based healthcare organization and Past-President of the CSRT, Jeff offers a wealth of different and unique experiences as a Respiratory Therapist that he is excited to share during his session, in partnership with his AARC counterpart.

Speaker Biography

Karen Schell, DHSc, RRT-NPS, RRT-SDS, RPFT, RPSGT, AE-C, CTTS, currently serves as a classroom, simulation, Interprofessional Education, and clinical instructor in the Department of Respiratory Care Education and Diagnostic Science. In addition to the on-campus instruction, she is also an advisor for the on-campus program for respiratory therapists wanting to obtain a bachelor's degree.

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Learning Objectives

1. Understand one's own implicit biases and its impact on the overall patient experience
2. Identify an RTs role in promoting equity, diversity, and inclusivity in the workplace
3. Examine strategies for building healthcare leadership capacity with an equity, diversity, and inclusivity lens

16:40 to 17:40 EDT (this event spans both streams)

TAKE A TRIP AROUND THE WORLD

Let's take a trip! That's right, we said it! Let's leave the country together for a short while and travel to Kenya, Ireland, and Argentina. While we may not be able to travel physically right now, we can still take you on a virtual trip and let you experience the culture and scenery of all three destinations.

In **Kenya** you'll be taken on tour through music to introduce you to the majesty of the Swahili language and the beauty of the nation.

Our **Ireland** trip will give you a little history, culture and craic! This fully interactive session, with loads of great views, chat, quizzes, Irish music, scary stories, culture & Irish craic. Leave behind what you thought you knew and join this adventure of Irish Fun Facts, One liners & Anecdotes.

Calling all wine lovers! You can plan to discover the **Argentine** Wine World in a fun way! Learn and laugh during this wine adventure! Argentine Wine...What makes it so special? How to pair it with food? Is there a world beyond Malbec? And although it's not a must, we invite you to enjoy a glass of Argentine wine or any wine you like during this fun and interactive class!