CSRT 2024 ANNUAL CONFERENCE



CANADIAN SOCIETY OF RESPIRATORY THERAPISTS SOCIÉTÉ CANADIENNE DES THÉRAPEUTES RESPIRATOIRES

10:50-11:35 Navigating public medication management? Strategies to promote RT Establishing a practice framework for respiratory therapists in primary care framework for respiratory the rapists in primary care framework for respiratory Itel second with year of coopset framework for respiratory Itel second with year of coopset framework for respiratory Itel second with year of respiratory   11:35-12:40 Itel second primovation gap from the bisde Elizabeth Rohrs, RRT, PhD; Steve Reynolds, MD, FRD; Steve Reynold				1ay 3 <sup>rd</sup> , 2024	Friday, M		
900-9:43 Jestifying the practice and scholarly profile of RT in Canada Marco Zaccaprin, RRT, CCAA, MSC, MRC, RRT, Difference therapy Easilishing and maintaining fRC (CAA, MSC, MRC), RST Tansforming education; therapy Clinical Simulation Profession Profile (CAA, MSC, MRC), RST Tansforming education; therapy Clinical Simulation Network Meeting   10:50-11:3 Navigating public mitealth apps: How do therapy Shirley Quach, MDC); FCSRT, RRT, MHSC, CRE Strategies to promote RT retention among the Millennia, RST, RRT Establishing a practice framework for respiratory Michele Maynard, RRT, CRE; Cardy McCay, RRT Clinical Simulation Network Meeting   11:35-12:40 Addressing healthcare's Shirley Quach, MDC, FCSRT, RRT, MHSC, CRE; The employed student RT program Kell YUR, RRT, BHSC, CRE Nutrition to respiratory Michele Maynard, RRT, CRE; Cardy McCay, RRT WORKSHOP (Maximum Cay RRT   1:40-2:25 Addressing healthcare's Shirley Quach, RDC, FCSRT, RRT, MHSC, CRE; Mand anagales, RRT, CRE; Sandy Fodey, RRT CRA, MSC, RDC), FCSRT Nutrition to retinage anno anagales, RRT, CRE; CRE WORKSHOP (Maximum Cay RRT WORKSHOP (Maximum Cay RRT   1:40-2:25 Addressing healthcare's Shirley Quach, RDC, FCSRT, RRT, MHSC, CRE; Martin Strategies in primary Shirley Cas, RRT, CRA, MSC, RDC), FCSRT Lunch Breakt The employed student RT and respiratory car RT for the steaderid Cynthin Weetor, RRT <t< th=""><th>igs</th><th>nd Meeting</th><th>Workshops a</th><th></th><th>Leadership</th><th></th><th></th></t<>	igs	nd Meeting	Workshops a		Leadership		
5:55-10:40   Transforming education: The future of respiratory therapy jubin Sreedmann, BSKR, MSRT, PhD, FLQua, FLARC   Don't Waste a crisis or game change Mariane, NR, RT, MSRT, PhD, FLQua, FLARC   Don't Waste a crisis or game change Mariane, NR, RT, MSRT, PhD, FLQua, FLARC   WORKSF (11:00am - 3 (Maximum C 25 person 25 person promote RT retention among the Minetit apps: How dei meanagement for Sharp game change management for Sharp game for management for Sharp game for management for space for management f				Vaping. Pandoras box is open. Now what? Aaron Ladd, RRT, BMR-RT,	maintaining FRC within our departments and profession Kelly Hassall, RRT,	and scholarly profile of RTs in Canada Marco Zaccagnini, RRT,	9:00-9:45
10:50-11:35Navigating public melealth apps: How do they fare for COPD self- management? Shirley Quach, PhO(c), FCSRT, RRT, MHSc, CREStrategies to promote RT referincian among the Millennial and Genz generations Jan Johannus, MEd, RRTEstablishing a practice framework for respiratory therapists in primary care Michelle Mayand, RRT, CRE, Carolyn McCoy, RRTItel Concentration (11:00am - 3) the concentration of the Millennial and genz and the Millennial and Genz generations Jan Johannus, MEd, RRTStrategies to promote RT RRTItel Concentration Michelle Mayand, RRT, CRE, Carolyn McCoy, RRTThe value medication of severity in asthma Paige Zubot, SRTThe sented by.11:40-21:25Mathematics to RTS: Exploring knowledge geps and research priorities (CRELongevity and profesion through BSCNutrition to reclar severity in asthma Paige Zubot, SRTWORKSHOP (Maximum Capachy to maintenance program Adta-Informed approach to maintenance program Janna Jongalee, RRT, CRE, CREWORKSHOP (Maximum Capachy the value aerosolit to maintenance program Janna Jongalee, RRT, CRE, CREWORKSHOP (Maximum Capachy the value aerosolit to maintenance program Janna Jongalee, RRT, CRE, CRA, MSC, PhO(c), FCSRTBack to basics, Manual Iung clearance technique Sandy Fodey, RRTWORKSHOP (Maximum Capachy the value access POCUS Kimel Hassall, RRT, FCSRT, RAR, BSC; RRT, RTIndustry Education Session Sandy Fodey, RRTRiding the wave: An introduction to beside lung and vascular access POCUS3:25-3:45Nutrition Break Industry Education Session The complexities of pulse odintry techno			Network Meeting	COVID syndrome David Wheeler, MEd, RRT-	- Turn it into a game changer Marianne Ng, RRT,	The future of respiratory therapy Jithin Sreedharan, BScRT,	9:55-10:40
11:35-12:40   Lunch Break     12:45-1:30   Addressing healthcare's innovation gap from the inside Elizabeth Rohrs, RRT, PhD; Steve Reynolds, MD, FRCPC   The employed student RT program Relivy Yullin, RRT, BHSC, CRE (RT)   Nutrition to reduce severity in asthma Paige Zubot, SRT     1:40-2:25   What matters to RTs: Exploring knowledge gaps and research priorities Shirley Quach, PhD(c), FCRT, RT, MHSC, CRE; Marco Zaccagnini, RRT, CCAA, MSC, PhD(c), FCSRT   Longevity and growth of the RT profession through new graduate transition supports Richelle Maser, RRT, BSC   Pulmonary rehabilitation reimagined: A data-informed approach to maintenance program design Jenna Jangalee, RRT, CRE, Marco Zaccagnini, RRT, CCAA, MSC, PhD(c), FCSRT   Beyond the bedside - RTs as leaders Cynthia Welton, RRT, BSC   WORKSHOP (Maximum Capacity 40 persons)   The value aerosolit ung clearance techniques Sandy Fodey, RRT     3:25-3:40   Industry Education Session The complexities of puise oximative technology: Impact of skin pigmentation and other factors Clarerita Higgins, RN   Industry Education Session Can we improve the detection and classification of the detection and classification of the detection and classification of pigmentation and other factors Clarerita Higgins, RN   Industry Education Session Can we improve the detection and classification of the tected by Mallinckrodd Pharmaceuticals   Nutrition Break Pharma Pharma Pharedicals Pharmadeuticulas     3:50-4:	3:30pm) Capacity ons) ized delivery ng mesh ogy to be ed)	WORKSHO (11:00am - 3:3 (Maximum Cap 25 persons The value aerosolize medication de with vibrating technolog (Speaker to finalized) Presented by Ae		framework for respiratory therapists in primary care Michelle Maynard, RRT, CRE;	promote RT retention among the Millennial and Gen-Z generations Jan Johannus, MEd,	mHealth apps: How do they fare for COPD self- management? Shirley Quach, PhD(c),	10:50-11:35
12:45-1:30Addressing healthcare's involation gap from the inside Elizabeth Rohrs, RRT, PhD; Steve Reynolds, MD, FRCPCThe employed student RT program Relly Yull, RRT, BHSc, CRENutrition to reduce severity in asthma Paige Zubot, SRTWORKSH (11:00am - 3)1:40-2:25What matters to RTs: Exploring knowledge gaps and research priorities Shirley Quach, PhD(c), FCSRT, RRT, MHSc, CRE; Marco Zaccagnini, RRT, CCAA, MSc, PhD(c), FCSRTLongevity and growth of the RT profession through new graduate mew graduate BScPulmonary rehabilitation reimagined: A data-informed approach to maintenance program Jenna Jangalee, RRT, CRE, CTE, BSc; Tina Hsu, BHSc, CRE, RRTWORKSHOP (Maximum Capacity 40 persons)The value aerosolit medication or with vibratin technold - RTs as leaders Cynthia Welton, RRT, RYTBeyond the bedside - RTs as leaders Cynthia Welton, RRT, MSc, FCSRTBack to basics. Manual lung clearance techniques Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUS Kelly Hassall, RRT, CCAA, FCSRT, MEd, BSC; Kimberley Lewis, MD, MSc, FCPC; Brandon D'Souza, BHSc, RRT, CCAA, FCSRT, MEd, BSC; Mother Vell, into D'Souza, BHSc, RRT, CCAA, FCSRT, MEd, BSC; Mother Vell, into D'Souza, BHSc, RRT, CCAA, FCSRT, MEd, BSC; Mother Vell, into D'Souza, BHSc, RRT, CCAA, FCSRT, CAA, FCSRT, Mother Vell, into D'Souza, BHSc, RRT, CCAA, FCSRT, MD FRCPC, FRCPC; John D'Souza, BHSc, RRT, CCAA, FCSRT, MD FRCPC, FRCPC; John Plumb, RRT, CCAA3:50-4:40Industry Education Session The complexities of pulse oximetry technology: Impact of skin pigmentation and other Fresented by	leregen						
1:40-2:25What matters to RTs: Exploring knowledge gaps and research priorities Shirley Quach, PhD(c), FCSRT, RRT, MHSc, CRE; Marco Zaccagnini, RRT, CCAA, MSc, PhD(c), FCSRTLongevity and growth of the RT profession through new graduate transition supports Richelle Maser, RRT, BScPulmonary rehabilitation reimagined: A data-informed approach to maintenance program design Jenna Jangalee, RRT, CRE, CTE, BSC; Tina Hsu, BHSc, CRE, RRTWORKSHOP (Maximum Capacity 40 persons)WorkSHOP (Maximum Capacity 40 persons)The value aerosolit medication of with vibratin technolog2:35-3:20AI and respiratory care Janice Brown, BSC, RRT, RYTBeyond the bedside - RTs as leaders Cynthia Welton, RRT, MSc, FCSRTBack to basics. Manual lung clearance techniques Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access POCUS3:25-3:45Nutrition BreakIndustry Education Session The complexities of pulse oximetry technology: Impact of skin pigmentation and other factorsIndustry Education Session Can we improve the detaction and classification of session, Clarerita Higgins, RN Presented by Medtronic.Industry Education Session Session, RRT, FCSRT, FAARC Presented by Medtronics?Industry Education Session Procession Non-invasive delivery of nitric oxide, would you know how? Well, INO! Jean-François Trudel, RRT Presented by Medtronic Presented by Matigories?WORKSHOP (Maximum Capacity delivery of nitric oxide, would you know how? Well, INO! Jean-François Trudel, RRT Presented by Matigories?Industry Education Session Presented by Matigories? <th></th> <th></th> <th></th> <th>Nutrition to reduce severity in asthma</th> <th>student RT program Kelly Yuill, RRT, BHSc,</th> <th>innovation gap from the inside Elizabeth Rohrs, RRT, PhD;</th> <th>12:45-1:30</th>				Nutrition to reduce severity in asthma	student RT program Kelly Yuill, RRT, BHSc,	innovation gap from the inside Elizabeth Rohrs, RRT, PhD;	12:45-1:30
2:35-3:20AI and respiratory care Janice Brown, BSc, RRT, RYTBeyond the bedside - RTs as leaders Cynthia Welton, RRT, MSc, FCSRTBack to basics. Manual lung clearance techniques Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUSRetine of technology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to bedside lung and vascular access PoCUStechnology resented by Mathematical Sandy Fodey, RRTRiding the wave: An introduction to Back to basics. Manual Industry Education SessionRiding the wave: An introduction to SessionRiding the wave: An introduction to Back to basics. Manual Industry Education SessionRiding the wave: An introduction SessionRiding the wave: An introduction Mathematical Sandy Fodey, RRTRiding the wave: An introduction	3:30pm) ed ue of ized delivery	WORKSHO (11:00am - 3:3 Continued The value aerosolize medication de with vibrating	(Maximum Capacity 40 persons) Riding the wave: An introduction to bedside lung and vascular access PoCUS Kelly Hassall, RRT,	reimagined: A data-informed approach to maintenance program design Jenna Jangalee, RRT, CRE, CTE, BSc;	growth of the RT profession through new graduate transition supports Richelle Maser, RRT,	What matters to RTs: Exploring knowledge gaps and research priorities Shirley Quach, PhD(c), FCSRT, RRT, MHSc, CRE; Marco Zaccagnini, RRT,	1:40-2:25
3:25-3:45   Nutrition Break   Kimberley Lewis, MD,     Industry Education Session   Industry Education Session   Industry Education Session   Mutrition Break   Kimberley Lewis, MD,     3:50-4:40   Industry Education Session   Industry Education Session   Industry Education Session   Session   Industry Education Session     3:50-4:40   Impact of skin pigmentation and other factors   Industry Education Session   Non-invasive delivery of nitric oxide, would you know how? Well, iNO!   Matthew Kiberd, LCdr, Matthew Kiberd, LCdr, MD FRCPC, FRCPC;     Clarerita Higgins, RN Presented by Medtronic   FCSRT, FAARC Presented by Draeger   Pharmaceuticals   CCAA	ogy	technolog Presented by Ae		lung clearance techniques	- RTs as leaders Cynthia Welton, RRT,	Janice Brown, BSc, RRT,	2:35-3:20
3:50-4:40   Industry Education Session   Session Can we improve the detection and classification of asynchronies?   Industry Education Session   D'Souza, BHSc, RRT, CCAA, FCSRT;     3:50-4:40   Impact of skin pigmentation and other factors   Impact of skin classification, RRT, Clarerita Higgins, RN   D'Souza, BHSc, RRT, Classification of asynchronies?     Clarerita Higgins, RN Presented by Medtronic   FCSRT, FAARC Presented by Draeger   Non-invasive delivery of nitric oxide, would you know how? Well, INO!   Matthew Kiberd, LCdr, MD FRCPC, FRCPC; John Plumb, RRT, CCAA					3:25-3:45		
Medical Canada Inc.			D'Souza, BHSc, RRT, CCAA, FCSRT; Matthew Kiberd, LCdr, MD FRCPC, FRCPC; John Plumb, RRT,	Session Non-invasive delivery of nitric oxide, would you know how? Well, iNO! Jean-François Trudel, RRT Presented by Mallinckrodt	Session Can we improve the detection and classification of asynchronies? Thomas Piraino, RRT, FCSRT, FAARC	Session The complexities of pulse oximetry technology: Impact of skin pigmentation and other factors	3:50-4:40
4:45-5:30Implementation of EIT Katherine Reise, RRT, MScCH, FCSRTUnlocking excellence - Quality improvement for everyone Danielle McDonagh, RRT, BSc, BA, MAOxygen does not improve breathlessness Katerina Medina, RRT, BHSc, MLA (Psychology), CRE				breathlessness Katerina Medina, RRT, BHSc,	excellence - Quality improvement for everyone Danielle McDonagh,	Katherine Reise, RRT,	4:45-5:30
5:30-7:30 CSRT Welcome Reception				T Welcome Reception	CSR		5:30-7:30

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		Saturday, May	4 <sup>th</sup> , 2024			
	Hot Topics in Respiratory Therapy	Anesthesia Assistance	<b>RT Education</b>	Worksho Meeti		
8:05-8:50	The 3 wishes project: A framework for respiratory therapists for enhancing compassionate end-of- life care France Clarke, RRT	"Road trip" - Non- operating room anesthesia (NORA) - Considerations, safety and efficiency and a case study Heather O'Donnell, BA, RRT, CCAA	Equity, diversity & inclusion is the goal - But how do we get there? Noel Pendergast, RRT, BPEd, MPH	<b>WORKSHOP</b> (Maximum Capacity 40 persons)		
9:00-9:45	Developing a leading practice in healthcare Chitra Gnanasabesan, RRT, BSc, MSc, PMP, BRMP, FCSRT	Evolving practice in anesthesia: Target controlled infusions Robert Bryan, RRT, CCAA	From compliance to compassion: Creating meaningful patient engagement in health education Jennifer Stefura, MAL, BSc, RRT; David Sereda, MA, RPsych; Sandra Dobson, EdD(c), MEd, BSc, CRGS, RDMS Sonja Chamberlin, MLT, BSc, MEd	A modified approach to project management Rena Sorensen, RRT, MSc, CAE, FCSRT	WORKSHOP	
9:45-10:15		Nutritior			(9:10am - 1:05pm)	
10:20- 11:05	Industry Education Session The value of ventilation fully adapted to the patient (ASV and i-ASV) Sonia Larouche, RT Presented by BOMImed	Industry Education Session Revolutionizing procedural sedation: Oxy2Mask EtCO2 + Oxy2Pro Chris Woodland, BSc, RRT, CRE Presented by Southmedic	Industry Education Session Managing asthma exacerbations in a busy community ED Dr. Prashant Phalpher, MD, MBA Presented by Aerogen	WORKSHOP (10:30 - 11:30) (Maximum Capacity 30 persons) Harmonicas for health (and happiness) Jacqueline Turvey, RRT, CRE, CTE; Tracee Gallant, RRT	Introduction to research and research Methods Rosemarie Clarke, RN, MHM, BSCN (Hons), CCRP; McMaster University Continuing Education Department	
11:15- 12:00	That DAM cart! Usability testing in difficult airway management Tona Laerz, RRT, BSc	Ultrasound-Guided peripheral vascular cannulation in and out of the operating room Ian Ayles, RRT, BHSc, CCAA	<b>Educator's Round Table</b> Julie Brown, RRT, MMSc, FCSRT;	(11:30 - 12:55) <b>Primary Care</b>		
12:10- 12:55	To be or not to be friends online? Responsible use of social media by respiratory therapists Marise Tétreault, RRT, MA	The future of anesthesiology: Staring into the crystal ball Matthew Kiberd, LCdr, MD, FRCPC	Meredith Patey, RRT	Network Meeting		
12:55-2:00	Lunch Break					
2:05-2:50	Characteristics of rapidly manufactured ventilators: A scoping review Mika Nonoyama, RRT, PhD	<b>The future of inhaled</b> <b>anesthetics</b> John Patton, BHSc, CCAA, RRT	Why I didn't want students: Pitfalls and practices in preceptorship Jennifer Briggs Harding BHSc, RRT, CCAA	WORKSHOP (Maximum Capacity 20		
3:00-3:45	Industry Education Session LetmiNO: C-ARDS and iNO Edouard Saadé, RRT, MEd., FCSRT Presented by Air Liquide	Industry Education Session A neo vent with no exhalation valve? How? Speaker to be finalized Presented by Novus	Industry Education Session Use of electrical impedance tomography during a ventilator circuit disconnect of a mechanically ventilated patient in the ICU: A case report Bianca Oliveira, RT, PT; Frank Fiorenza, RRT, BHSc, FCSRT; Victoria Ferreira, RT, PT; Presented by McArthur Medical	persons) Why it matters: A practical approach to compassion Jill Rudkowski, MD, FRCPC		
3:45-4:10	Nutrition Break					
4:15-5:00	When AI sends help - Safer & more efficient oxygen therapy Kevin McElreavy, RRT	AA scope in an urban centre and barriers to growth in a rural setting Natalia Daskalov, CCAA	Let's talk about race: Utilizing virtual reality simulation to foster microaggression navigation skills in RT students Yvonne Drasovean, RRT, MEd, FCSRT			
7:00		CSRT/	Novus Fun Night			

**CSRT 2024 ANNUAL CONFERENCE** 



Ly CANADIAN SOCIETY OF RESPIRATORY THERAPISTS

SOCIÉTÉ CANADIENNE DES THÉRAPEUTES RESPIRATOIRES

## Sunday, May 5th, 2024

	Critical Care	Neonatal and Pediatric Care	Home Ventilation	Workshops and Meetings			
9:00 - 11:00	CSRT President's Brunch and Awards Ceremony						
11:15 - 12:00	To breathe or not to breathe - An alternate approach to apnea testing Michelle Stephens, RRT, BSc Kin, MHS	"Just say yes". Respiratory therapy lead clinical initiatives-POCT lung ultrasound and near infrared spectroscopy Shere Gigolyk, RRT	Standardizing clinical processes for Alberta's Home Ventilation Program Rena Sorensen, RRT, MSc, CAE, FCSRT	WORKSHOP Managing mucus - A hands-on approach to implementing			
12:10 - 12:55	Industry Education Session MedTech capabilities: Advancements in circle circuit technology and patient casualty care Derek Watt; Stefanie Parashyniak; Aaron Termain Presented by Thornhill Medical	Industry Education Session A breakthrough new battery designed for respiratory therapy Strong Huang Presented by Zopec Medical LLC.	Industry Education Session Transpulmonary pressure (TPP) monitoring and clinical application Servo U Garrett Whitsitt, BHSc, RRT VGH Presented by Getinge	<b>OPEP therapy</b> <i>Cindy Slack, BHSc,</i> <i>RRT, CRE, CTE; Kathy</i> <i>Hayward, BSP, CRE,</i> <i>CTE, APA</i> ( <i>Presented by Trudell</i> <i>Medical International</i> )			
12:55 - 2:00	Lunch Break						
2:05 - 2:50	Sedation during non-invasive ventilation Kimberley Lewis, MD, MSc, FRCPC	Transient tachypnea of the newborn and respiratory distress syndrome - What's new and what should an RT do Anthony Iacolucci, HBSc, RRT, C-NPT	Home Ventilation Network Meeting	CCAA Network Meeting			
3:00 - 3:45	A retrospective review of a novel approach for determining optimal PEEP Prabhjot (Pete) Dhillon, RRT	A practical overview of the revised PARDS guidelines Evan Richards, RT, BSc					
3:45 - 3:55	Break						
4:00 - 4:45	<b>Venting Wisely</b> Dan Jewers, RRT, BHSc	The impact of skin-to-skin care on pulmonary mechanics: A systematic review Nadia Qureshi, RRT, MSc, PhD(c)	From ICU to home: The challenges of the transition Gabrielle Monty, RRT				
4:55 - 5:40	New guidelines for the management of ARDS Thomas Piraino, RRT, FCSRT, FAARC	A caregiver's perspective on the transition from NICU/PICU to the community setting after 587 days of admission Jessy Walsh, SRT					



Join our 60th anniversary celebration at the "Castle in the Rockies"