

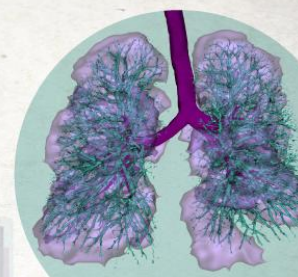
CANADIAN RESPIRATORY CONFERENCE

Calgary, AB | April 16-18, 2026

Saddle up for Innovation at
CRC 2026 in Calgary, AB.



CANADIAN
THORACIC
SOCIETY



CRC 2026 UNMODERATED POSTER SESSION

All unmoderated posters will be available for viewing during the Welcome Reception and all scheduled breaks at the Canadian Respiratory Conference 2026 at the Calgary TELUS Convention Centre.

Group 1: All About Asthma		
#	ABSTRACT TITLE	PRESENTING AUTHOR
12	Patient Reported Outcome Measures Applied In Chronic Diseases Relevant to Asthma Remission: a Scoping Review	Allison Michaud
60	Sex-Dependent Differences in Albuterol-Mediated Bronchodilation in a Murine Model of Allergic Asthma	Sujata Basu
61	Arachidonic acid metabolite 19-HETE evokes a robust airway smooth muscle relaxation response by activating both PKA and EPAC	Dina H.D. Mostafa
85	Severe Asthma and the Role of Social Determinants of Health: A Case Report	Dilini Vethanayagam
104	Twice-yearly depemokimab demonstrates efficacy in patients with asthma and comorbid chronic rhinosinusitis with nasal polyps (CRSwNP): Phase III SWIFT-1/2 studies	Joshua Tusin
105	Single-cell sequencing reveals unique cell subpopulation proportions and transcriptomic program across asthma phenotypes	Pierre-Alexandre Gagnon
107	Patients with Chronic Rhinosinusitis with Nasal Polyps (CRSwNP) and Comorbid Asthma Experience Early and Sustained Benefit with Depemokimab in the Randomized, Double-Blind, Parallel-Group, Replicate ANCHOR-1/2 Studies	Joshua Tusin
134	Oxidized Phosphatidylcholine (OxPAPC) Inhibits Fluticasone-Induced Glucocorticoid Receptor Nuclear Translocation and Anti-inflammatory Gene Expression in Human Airway Epithelial Cells	Azadeh Dalvand
205	Mucus and Asthma Remission Review: A Conspicuous Biomarker	Anna Lee

Group 2: What's New in COPD: Insights into Disease Impact and Treatment		
#	ABSTRACT TITLE	PRESENTING AUTHOR
26	Mepolizumab is Efficacious in Patients with Chronic Obstructive Pulmonary Disease (COPD) Regardless of Investigator-Assessed Chronic Bronchitis and/or Emphysema: Post Hoc Analysis of the MATINEE Phase III Randomized Controlled Trial	Rebecca Ruddy
48	My Lung Health Coach (MLHC): Analysis of User Uptake of a Companion App for Virtual COPD Education and Self-Management Support	Ivan Quan
52	Dupilumab reduces the risk of severe exacerbations in patients with chronic obstructive pulmonary disease: results from BOREAS and NOTUS	Imran Satia
53	Association Between Dupilumab and Repeated Exacerbations of Chronic Obstructive Pulmonary Disease: BOREAS and NOTUS	Simon Couillard
62	The Impact of an Oscillating Positive Expiratory Pressure Device on CAT Component Scores in COPD Patients	Sheila Wang
65	Prevalence of COPD with type 2 inflammation in Alberta, Canada	Irvin Mayers
127	The Canadian Cohort Obstructive Lung Disease (CanCOLD): Chronic Obstructive Pulmonary Disease (COPD) Progression, Sex Differences and Consequences on Individual Wellbeing	Shabnam Abbaszadeh Ahranjani
155	Significant Burden of Chronic Obstructive Pulmonary Disease (COPD) on Health Status and Well-being Persists Among Patients Experiencing One Severe or Two or More Moderate Exacerbations of COPD (ECOPD) and Their Caregivers (CGs)	Paul Hernandez
156	Assessing Respiriologists' Understanding of COPD Management and the Potential Role of Biologics in Future Care	Bridget Burns

Group 3: Insights into Airway Disease		
#	ABSTRACT TITLE	PRESENTING AUTHOR
2	FEF 25-75 Remains Impaired 3 to 5 Years After Acute Covid Infection	Elliot Copen
4	Identification of individuals at higher risk of airway obstruction among workers in swine operations using polygenic risk scores	Liam Robbins
34	Maternal Smoking Modulate Offspring Responses to Acute Cigarette Smoke-Induced Lung Dysfunction and Inflammation	Sriyani Ranatunga
49	Exploring the Prevalence and Impact of Post-COVID Symptoms Among Individuals with Chronic Obstructive Pulmonary Disease	Diana C. Sanchez-Ramirez
51	Cardiovascular Risk Assessment in Patients with Bronchiectasis: Insights from the Canadian Bronchiectasis and Nontuberculous Mycobacteria (CanBE-NTM) Registry	Da Hye Kim
103	Cough trigger burden and quality of life in people with chronic cough and chronic respiratory diseases	Ana Oliveira
187	Effects of Aging on Isolated Endothelial Cell Responses to Stretch	Eisha Baqai

Group 4: Lung Cancer, Pleural Disease and Respiratory Procedures		
#	ABSTRACT TITLE	PRESENTING AUTHOR
14	Diagnostic Accuracy of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration in Previously Treated Lung Cancer Patients	Noriko Hayama
36	Exploring the use of point-of-care ultrasound protocols for the lung and thoracic regions: A scoping review	Anastasia Newman
57	Prevalence of comorbidity and frailty with impacts on survival within a lung cancer screening study	Monica L Mullin
87	High Flow Nasal Canula use during flexible bronchoscopy – a two-year retrospective review	Brian Yu Chieh Cheng
110	Evaluation of Flow Cytometry Testing on Endobronchial Ultrasound Transbronchial Needle Aspiration Samples for Patients Referred for Sarcoidosis and Lymphoma: A Single Center Retrospective Chart Review	Aaron Rainnie
123	Impact of glycerol and propylene glycol vaping on immune infiltration in a mouse model of lung cancer	Magalie Trudel
195	Quantifying the Environmental Impact of Ultrasound Use in Pleural Procedures: A Life Cycle Assessment Integrated with a Clinical Database	Sebastian Rodríguez-Llamazares
207	Efficiency of sedation with and without benzodiazepines in flexible bronchoscopy: a randomized controlled trial	Lev Freidkin
212	Efficacy of Amplatzer device for endobronchial treatment of hemoptysis: case series	Lev Freidkin

Group 5: Insights into Pediatric Lung Disease		
#	ABSTRACT TITLE	PRESENTING AUTHOR
31	Understanding the Experience of Using Long-term Non-invasive Ventilation for Children and their Families: A Mixed Methods Study	Ritika Patel
83	Clinical Outcomes of Speaking Valve Use in Pediatric Tracheostomy Patients: A Systematic Review	Maria Castro-Codesal
113	Applying Adult Spirometry Phenotypes to Survivors of Very Preterm Birth: From Early Childhood to Adolescence	Tiffany Bradshaw
120	The Impact of Mechanical Insufflation-Exsufflation on Public Health Service Utilization Associated Costs in Children	Joseph Munn
152	Polysomnography Channel Viability in Children: A Single-Centre Prospective Study	Ruo Yan Chen
158	Creation of a transition pathway in a pediatric Primary Ciliary Dyskinesia and non-CF Bronchiectasis Clinic	Mark Chilvers
160	Use of Auto-Adjusting Positive Airway Pressure for Children with Obstructive Sleep Apnea: A Scoping Review	Aakriti Pandit
161	Oscillometry in Preschool Children from the CHILD Cohort Study	Natalia S. Escobar
162	A Novel Sequential Whole Lung Lavage Technique in Young Children with Pulmonary Alveolar Proteinosis: A Case Series with Detailed Technique Description, Safety, and Efficacy	Tidarat Sriboonyong
194	Infant lung function is a risk factor for early-life lower respiratory tract infections	Maria Medeleanu

Group 6: Pulmonary Rehabilitation, Quality Improvement and Program Evaluation		
#	ABSTRACT TITLE	PRESENTING AUTHOR
8	Application effect of early lung rehabilitation nursing based on health behavior interaction mode in patients with chronic obstructive pulmonary disease	Yan Zhang
17	Fast track inpatient rehabilitation following lung transplantation: a program evaluation	Lisa Wickerson
22	A Framework for Assessing Spacer (Valved Holding Chamber) Sustainability – Environmental Focus While Keeping the Patient First	Jason Suggett
67	Inspiratory Muscle Loading with Associated Dyspnea Increases Driving Error in Older Adults	Eric M. Choi
80	Describing the scope of long-term mechanical ventilation in complex continuing care: An Ontario Survey	Anastasia Newman
126	Exploring the influence of data processing on Bluetooth oximetry in outpatient and home-based pulmonary rehabilitation: A real-world trial	Alec Bass
149	Protecting Vulnerable Canadians: Barriers to Pneumococcal Vaccination in Adults at High Risk	Alan Kaplan
181	Navigating Lung Health in the Community – The role of the Community Navigator	Shirley Quach
182	Partnering for Better Transitions: A Parent's Perspective on Tracheostomy Care in Rural and Remote Communities	Kristen Gibson
216	Integrated Palliative Rehabilitation: Three Case Reports of Enabling Living Life with Meaning and ILD	Charlotte Pooler

Group 7: Tuberculosis and Complex Pulmonary Infections		
#	ABSTRACT TITLE	PRESENTING AUTHOR
9	A Rare Case of Tuberculosis in a Canadian-born Male	Remsha Nadeem
32	The impact on airborne isolation duration utilizing GeneXpert versus acid fast bacilli smears to guide discontinuation among individuals with suspected pulmonary tuberculosis: a systematic review and meta-analysis	David Campbell
39	The Microbiota-Immune Metasystem in Non-Cystic Fibrosis Bronchiectasis and the Effect of Pulmonary Exacerbations on Clinical Outcomes	Colin MacKenzie
50	Exploring Time to Positivity as a Clinical Biomarker for Mycobacterium Abscessus Pulmonary Disease	Razan Frances
75	Case: Rasmussen Aneurysm Development and Rupture During Treatment of Active Pulmonary Tuberculosis	Divya Shah
122	Non-tuberculous mycobacteria infection in organ transplant recipients: Outcomes and health resource utilization	Anne Fu
142	Advancing Tuberculosis Elimination Through Stakeholder Consultations to Determine Research Priorities for People Born Outside of Canada Using a Delphi Process	Abdul Jamro
170	Pleural Mycobacterium shimoidei Infection in a Patient with Severe Chronic Obstructive Lung Disease (COPD): A Rare and Challenging Case	Jordana Compagnone
179	Quality of Life and Respiratory Symptoms in Young Adults with Post Covid-19 Condition: A Cross-Sectional Study	Aaron Yim
185	Characteristics and social deprivation of young Canadian adults with Post Covid-19 Condition (PCC)	Alina Maria Pace

Group 8: Cystic Fibrosis and Interstitial Lung Disease		
#	ABSTRACT TITLE	PRESENTING AUTHOR
37	TRPA1 Mediates Oxidized Phosphatidylcholine-Induced Inflammatory Gene Expression in Human Airway Fibroblasts	Dheerendra Pandey
55	Primary Ciliary Dyskinesia with Compound Heterozygous CFTR Mutations Treated with Trikafta: A Case Report	Amanda Marino
70	Elexacaftor/Tezacaftor/Ivacaftor Use in a Patient with CF-Related Advanced Liver Disease Requiring Portosystemic Shunt (TIPS)	Sweta Jayachandran
96	Evaluating Height as a Potential Target to Improve Lung Health Across the Life Course	Sophie É. Collins
131	Respiratory Oscillometry to Assess Lymphangioliomyomatosis Severity	Joyce Wu
140	Kinetics of Disease Progression and Therapeutic Response in a Mice Model of LPS-Induced Acute Respiratory Distress Syndrome	Carole-Ann Huppé
196	Development of a Decision Tree Algorithm for Interpretation of Respiratory Oscillometry	Patharapan Lersritwimanmaen
202	GLP-1 Receptor Agonist Therapy in Cystic Fibrosis-Related Diabetes: Insights from a Pilot Implementation Program	Meredith Chiasson

Group 9: Sleep Medicine, Neuromuscular Disease and the Impact of Inhaled Substances on Lung Health		
#	ABSTRACT TITLE	PRESENTING AUTHOR
35	Respiratory Outcomes in People Who Vape Daily: A VapALERT Study	Keven Bergeron
102	Under Pressure: A Case Report of Recurrent Pneumothorax Secondary to Noninvasive Ventilation	Katherine Markewich
114	Immune sensitization predispose mice to develop altered immune response and altered lung function upon exposure to flavored vaping aerosols	Felix Tremblay
117	The application of cluster analysis to phenotype respiratory disease: a scoping review	Tiffany Bradshaw
129	Wood Smoke Exposure Induces Lung Fibroblast Dysfunction	Fiona Fan
169	The Impact of Rural Versus Urban Residence on Obstructive Sleep Apnea Severity at Time of Diagnosis	Geoffrey McKinnon
206	Friedreich Ataxia and Sleep	John Gjevre