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# A BREATH OF FRESH AIR 2014 / UNE BOUFÉE D'AIR FRAIS 2014

## ABSTRACT TITLES

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**Abstracts to be delivered at the 7th Annual 'A Breath of Fresh Air',  
Canadian Respiratory Conference, Calgary, Alberta April 24 to 26, 2014,  
alphabetized according to the surname of the first author. Full-text  
abstracts appear on the *Canadian Respiratory Journal* website**

Abdelshaheed, Tamer; Brode, Sarah; Song, Howard; Avendano, Monica. A challenging case of extensively drug resistant tuberculosis (XDR-TB)

Adeleye, Adetayo; Brindle, Mary; Bailey, Michelle; Bjornson, Candice; Nettel-Aguirre, Alberto; Mitchel, Ian. PROTon Pump Inhibitor in Esophageal Atresia / TraCheoesophageal fistula: Dilatation Outcome study (PROTECT Study)

Algami, Mohammed; Ramsey, Clare; Bshouty, Zoheir. Defining the degree of obstruction in mixed obstructive restrictive lung disorder

Al-Saiedy, Mustafa; Pratt, Ryan M; Gunasekara, Lasantha; Todorov, Nikolay; Lam, Darren K; Amrein, Matthias W. Lipid peroxidation causes pulmonary surfactant dysfunction in the presence of physiological levels of cholesterol?

Arnason, Jason; Shelfoon, Chris; Jamieson, Kyla; Nikitenko, Sergei; Shariff, Sami; Kooi, Cora; Proud, David; Leigh, Richard. Co-infection with human rhinovirus and bacteria modulates the innate host response through the dysregulation of antimicrobial peptide expression

Brock, Michael; Pape, Cynthia; Mehta, Sanjay; Gill, Sean. Inflammatory macrophage polarization and apoptosis are dependent on metalloproteinase activity

Burkett, Andrew; Sekhon, Harman; Burkett, Craig; Amjadi, Kayvan. The role for conventional transbronchial needle aspiration in the era of endoscopic ultrasonography for assessment of mediastinal lesions

Camp, Pat; Tyler, LeGear; Mark, LeGear; Geoffrey, Wilson; Dejan, Preradovic; Ashley, Kirkham; Cristiane, Yamabayashi. A Nintendo Wii™ exercise program provides the same exercise demand as a treadmill session in adults with COPD: A randomized, within-subjects cross-over study

Castro, Maria; Toor, Raman; Yee, Christina; Peart, Tremayne; Serrano, Jesus; Buka, Irena; Wong, Jackson; Osornio-Vargas, Alvaro R. Children summer exposure to environmental tobacco smoke in Edmonton

Castro, Maria; Amirav, Israel; Majaesic, Carina. Congenital Pulmonary tuberculosis in two infants

Cave, Andrew; Brokop, Michael; Rowe, Brian; Wong, Eric; Senthilselvan, Ambikaikapan; Alagiakrishnan, Kannayiram. Ankle/brachial (ABI) measurement in COPD patients: A pilot study

Cave, Andrew; Johnson, David; Befus, Dean. Communities coming together: The Paediatric Asthma Pathway

Cave, Andrew; Chan, Valerie; Banh, Hoan. Osteoporosis prevention in inhaled cortico-steroid users

Charbonneau, Catherine; Doherty, Dennis E; Tashkin, Donald P; Harrison, Tim W; Engel, Michael; Schmidt, Hendrik; Moroni-Zentgraf, Petra; Kerstjens, Huib AM. PrimoTina-Asthma™ abstract: Improvements in lung function with tiotropium as add-on controller therapy to ICS+LABA for patients with symptomatic severe asthma

Cosic, Nela; Pendharkar, Sachin; Fell, Charlene D. Opportunities to improve efficiency in an academic pulmonary clinic

Cummins, Lorna; Loewen, Andrea; Tye, Raymond; Hanly, Patrick J; Fraser, Kristin L. Non-invasive ventilation for the restricted thorax: Effects of ventilator modality on quality of life

Gamble, James; Wise, R; Anzueto, A; Cotton, D; Dahl, R; Devins, T; Disse, B; Dusser, D; Joseph, E; Kattenbeck, S; Koenen-Bergmann, M; Pledger, G; Calverley, P. TIOSPIR: Safety and efficacy trial of Tiotropium Respimat versus HandiHaler in COPD

Goodridge, Donna; Bailey, Pat. Navigating the complexities of discharge: Stories of patients with COPD

Harkness, Howard; Meyer, A; Costella, S; Morton R; Suggett, J; Mitchell, JP. Assessment of oscillating positive expiratory pressure (OPEP) devices by means of adult expiratory waveforms: A laboratory study

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Hiram, Roddy; Rizcallah, Edmond; Sirois, Chantal; Sirois, Marco; Morin, Caroline; Rousseau, Eric. Influence of resolvin D1 and MAG-DPA on hyper-reactive human pulmonary arteries

Hirani, Naushad; Raghavji, Faizal; Kemp, Kristina; Mehta, Sanjay. Inhaled nitric oxide for community acquired pneumonia: A pilot randomized controlled trial

Ip, Ada; Asamoah-Barnieh, Raymond; Bischak, Diane P; Davidson, Warren J; Flemons, W Ward; Pendharkar, Sachin R. Using process improvements to guide pulmonary function scheduling policies at the Foothills Medical Centre

Iqbal, Humaira; Wong, Eric; Puttagunta, Lakshmi; Ohinmaa, Arto; Nguyen, Thanh; Kalluri, Meena. Cost analysis of intra procedural rapid on site evaluation (ROSE) of cytopathology with endobronchial ultrasound (EBUS)

Jimenez, Ricardo; Zhang, TingTing; Lau, Hou; Smith, Anne; Carleton, Bruce C. Effects of changing from suboptimal to optimal asthma regimens on asthma-related health services utilization

Jimenez, Ricardo; Zhang, TingTing; Lau, Hou; Smith, Anne; Carleton, Bruce C. Prevalence of childhood asthma and asthma-related health services utilization in the province of British Columbia, Canada

Kalluri, Meena; Bienert, Sharon; Richman-Eisenstat, Janice. Collaborative approaches to managing advanced idiopathic pulmonary fibrosis

Kherani, Tamizan; Syed, F; Daniels, C; Moraes, TJ; Amin, R. Unique issues surrounding bi-level positive airway pressure (BiPAP) adherence: A case report of four siblings diagnosed with congenital central hypoventilation syndrome (CCHS)

LaBranche, Jennifer; Nahirniak, Susan; Vethanayagam, Dilini. Impact of hereditary hemorrhagic telangiectasia with associated arteriovenous malformations and co-expression of bleeding disorders

- Lane-Laretta, Cheryl; Lazarescu, Adriana; Kapasi, Ali; Kalluri, Meena. Gastroesophageal reflux and lung function in patients with idiopathic pulmonary fibrosis
- Lawson, Joshua; Rennie, Donna Carole; Zhou, Guangming; Neumann, Jan; Goodridge, Donna. A profile of children with asthma as a reason for participation and activity limitation in a national sample of Canadians
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- McLarty, Ryan; Husein, M; Macrae, D; Radhakrishnan, A; Radhakrishnan, DK. Oximetry versus clinical risk assessment: Which is best? Predicting respiratory complications post adenotonsillectomy for obstructive sleep apnea in children
- Mehta, Sanjay; Hirani, Naushad; Granton, John; Levy, Robert; Provencher, Steeve; Galiè, Nazzareno; Rubin, Lewis; Simonneau, Gérald. Impact of macitentan on health-related quality of life in pulmonary arterial hypertension: Results from the randomized controlled SERAPHIN trial
- Mesbah, Amanda; Delorme, Jocelyn; Rakovich, George. Therapeutic challenges in complicated acute pulmonary histoplasmosis
- Minor, Danielle; Traves, Suzanne L; Proud, David. Regulation of human airway epithelial to mesenchymal transition upon rhinovirus infection
- Nguyen, Loan; Dolovich, Myrna; Vethanayagam, Dilini. Take my breath(lessness) away: Do inhaled medication device delivery systems matter in asthma?
- Nguyen, Sébastien; Lemiere, Catherine; Sava, Francesco; D'Alpaos, Vinciane; Vandenplas, Olivier. Phenotypes of occupational asthma associated with an increase in FeNO levels after exposure to occupational agents
- Nicholl, David; Hanly, PJ; Handley, GB; Hemmelgarn, BR; Poulin, MJ; Sola, DY; Ahmed, SB. Treatment of obstructive sleep apnea with continuous positive airway pressure decreases intraglomerular pressure and alters renal sensitivity to angiotensin II
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- Padua, Rodel; Davidson, Warren J; Bronconier, Cindy; Noseworthy, Mary. Pediatric-to-adult asthma transition program: A randomized trial
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- Rennie, Donna; Hagel, Louise; Karunanayake, Chandima; Dosman, James A; Lawson, Josh A; Pickett, William; Pahwa, Punam. Access to health care and the respiratory health of household members in rural Saskatchewan: The Saskatchewan Rural Health Study
- Reppucci, Diana; Al-Saleh, Suhail; Hamilton, Jill; Yeh, Ann; Katz, Sherri; Narang, Indra. Polysomnography findings in children with suspected rapid-onset obesity with hypothalamic dysfunction, hypoventilation and autonomic dysregulation (ROHHAD): A Canadian case series study
- Robles, Priscila; Araujo, Tamara; Janaudis-Ferreira, Tania; Zabjek, Karl; Marzolini, Susan; Goldstein, Roger; Brooks, Dina; Mathur, Sunita. Metabolic cost of resistance-based exercise training in people with COPD: Preliminary results
- Roy Richard, Eliane; Rakovich, G; Chagnon, K. Medical management of necrotizing bacterial lung infection: Review of cases
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- Stewart, Samuel Alan; McCrae, Scott; Reid, John; Gjevre, John; Fenton, Mark; Cotton, David; Skomro, Robert. Impact of level III home testing on overall wait times at a tertiary sleep disorders center
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- Vethanayagam, Dilini; de Guzman, Iris; Manchak, Amy; Okogun, Solomon; Amelio, Josephine; Kozitzky, Darcy. Experience of respirology clinical telehealth services in Northern Alberta
- Warner, Stephanie; Shaheen, F; Hallstrand, TS; Knight, DA; Hackett, TL. Impaired Ciliary Differentiation of airway epithelial cells from asthmatics with and without exercise-induced bronchoconstriction
- Watling, Laura; Avendaño, M; Goldstein, R; Bautista, Carlos; Kohli, Raj. West Park Healthcare Centre's Transitional Home Ventilation Program

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Weatherald, Jason; Rapske, Scott; Szabo, Lian; Kelly, Margaret M; Martin, Liam. Pulmonary sarcoid-like granulomatosis during etanercept treatment for inflammatory arthritis: A report of five cases

Weatherald, Jason; Fell, Charlene D. Trends in diagnosis and management of idiopathic pulmonary fibrosis: A survey of Canadian respirologists

Zalucky, Ann; Nicholl, David DM; Hanly, Patrick J; Poulin, Marc J; Sola, Darlene Y; Ahmed, Sofia B. The effect of nocturnal hypoxia on the systemic vascular response to angiotensin II infusion in patients with obstructive sleep apnea

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