EDITOR’S COMMENTARY

Commentary on the January 2024 Issue

EDITOR’S CHOICE

Automated O₂ Titration Alone or With High-Flow Nasal Cannula During Walking Exercise in Chronic Lung Diseases
by Felix-Antoine Vézina, Pierre-Alexandre Bouchard, Émilie Breton-Gagnon, Geneviève Dion, Damien Viglino, Pascalin Roy, Lara Bilodeau, Steeve Provencher, Marie-Hélène Denault, Didier Saey, François Lelouche, and François Malais—Québec, Canada

ORIGINAL RESEARCH

A Decade of Analysis of Unplanned Extubation Etiology in Trauma Patients Including the Impact of the COVID Pandemic
by Brian G Harbrecht, Keith R Miller, Michael E Egger, Nicholas A Nash, Regina Doan, Jiliene George, Glen A Franklin, Jason W Smith, Matthew C Bozeman, and Matthew V Benns—Louisville, Kentucky

Automatic Apnea Time Adjustments During Ventilation With Automode
by Ariel J Garnero and Robert L Chatburn—Cleveland, Ohio

The Impact of High-Frequency Chest-Wall Compression on Mechanical Ventilation Delivery and Flow Bias
by George Ntoumenopoulos—Sydney, Australia

Evaluation of Recovery Efficacy of Inspiratory Muscle Training After Lobectomy Based on Computed Tomography 3D Reconstruction
by Ting Wang, Fanfan Li, Xiaolan Wang, Min Wang, Xiaoli Ma, Guojing Ma, Panpan Wang, Qin Yue, Dan Zhao, Minjie Ma—Lanzhou, China

Tingrui Sang—Baoji, China

and Juan Bao—Yinchuan, China

Risk Factors and Outcomes Associated With Re-Intubation Secondary to Respiratory Failure in Patients With COVID-19 ARDS
by Ramez M Halaseh, Ali Al-Tarbsheh, Mu'ed AlGhadir-AlKhalaileh—Weston, Florida

Gail S Drescher, Ihab H Masri, Malik Ghawanmeh, Tareq Arar, Saad Al-Deen Mohammad, Rea Pavate—Washington, District of Columbia

Ma’amoon Al-Ahmad, Mouaz Haj Bakri—Gainesville, Florida

and Amaris L Alayon—Miami, Florida

Albuterol Delivery During Invasive Mechanical Ventilation via In-Line Intrapulmonary Percussive Ventilation in a Pediatric Lung Model
by Ariel Berlinski and L Denise Willis—Little Rock, Arkansas

Contribution of Transcutaneous P₇CO₂ in Obesity Hypoventilation Syndrome
by Thomas Georges—La Roche sur Yon, France

Sandrine Jaffré, Jean Morin, Hakim Alami, Cédric Bretonnière, François-Xavier Blanc, Béatrice Guyomarch—Nantes, France

and Agathe Delbove—Vannes, France

Comparison of Outcomes Between Early and Late Tracheostomy
by Jiiaqi Luo, Wenfeng Xie, Shuyi Hong, Jinliang Gao, Chunhua Yang, and Yiming Shi—Guangzhou, China

Noninvasive Ventilation or CPAP for Postextubation Support in Small Infants
by Andrew G Miller, Karon R Kumar, Bhargav S Adagarla, Kaitlyn E Haynes, Rachel M Watts, Jeanette L Muddiman, Travis S Heath, Veerajalandhar Allareddy, and Alexandre T Rotta—Durham, North Carolina

Online Education Improves Confidence in Mechanical Insufflation-Exsufflation
by Elizabeth Lambinos, Collette Menadue, Olivia A McGuiness, Amanda J Piper, Kerri L Melehan—Sydney, Australia

and Mark R Elkins—New South Wales, Australia
CONTENTS

Impact of High-Flow Nasal Cannula Use in Subjects With COVID-19 ARDS at High Altitudes: Clinical Presentation and Prognostic Factors
by Daniel Molano-Franco, Mario Gomez, Edgar Beltran, Mario Villabon, Angela Sosa, Leidy Ortiz, Estefania Orozco, Alejandra Hurtado—Bogotá, Colombia
Antonio Viruez-Soto—La Paz, Bolivia
Lida Sanchez, Christian Arias-Reyes, Jorge Soliz—Québec, Canada
and Joan R Masclans—Barcelona, Spain

Short Reports

Comparison Among Three PEEP Titration Methods Monitored by Electrical Impedance Tomography in COVID-19
by Alita Paula Lopes de Novaes, Shirley Lima Campos, Wagner Souza Leite, Caio CA Morais,
Armêle de Fátima Dornelas de Andrade, Antônio Christian Evangelista Gonçalves, Fernando Moraes, and Daniella Cunha Brandão—Recife, Brazil

Impact of \(S\text{PO}_2\), Targets and Pulse Oximeter Brand on Oxygen Flow Requirements and Oxygenation
by François Lellouche, Pierre-Alexandre Bouchard—Québec, Canada
and Richard D Branson—Cincinnati, Ohio

Systematic Review

Effects of Self-Management Interventions in People With Interstitial Lung Disease
by Steve Freitas Dos Santos, Alda Marques, Patrícia Rebelo, Ana Oliveira—Aveiro, Portugal
Dina Brooks and Adam Benoit—Ontario, Canada

Symposium: Research and Publication in Respiratory Care

How to Conduct a Randomized Controlled Trial
by Ramandeep Kaur and Jie Li—Chicago, Illinois

Moving From Abstract to Manuscript
by Andrew G Miller—Durham, North Carolina

Correspondence

Discussion on Comparison of Four Mechanical Insufflation-Exsufflation Devices: Effect of Simulated Airway Collapse on Cough Peak Flow
by Marius Lebret—Antony, France
Alice Vuillermoz, Alain Mercat, François Beloncle—Angers, France
and Emeline Fresnel—Rouen, France

Response to Discussion on “Comparison of Four Mechanical Insufflation-Exsufflation Devices: Effect of Simulated Airway Collapse on Cough Peak Flow”
by Nicolas Terzi—Grenoble, France
Claude Guerin—Lyon, France
Hélène Prigent, Isabelle Vaugier, Frédéric Lofaso—Garches, France
Ghilas Boussaid—Versailles, France
Karl Leroux—Gennevilliers, France
and Bruno Louis—Créteil, France

Editorials

Automated Oxygen Titration: Advancing But Not Yet Free
by Nicholas S Hill, Anjan Devaraj, and Anas Ahmed—Boston, Massachusetts

Unplanned Extubations: Rare Event Monitoring for Continuous Quality Improvement
by William E Baker and Skyler Lentz—Burlington, Vermont

Understanding Ventilator Operation: Importance of the Respiratory Therapist at the Bedside
by William M LeTourneau and Richard A Oeckler—Rochester, Minnesota