EDITOR’S COMMENTARY

Commentary on the December 2012 Issue

ORIGINAL RESEARCH

Blow-by as Potential Therapy for Uncooperative Children: An In-Vitro Study
by Mohamed Mohsen Mansour and Gerald C Smaldone—Stony Brook, New York

Different Tracheotomy Tube Diameters Influence Diaphragmatic Effort and Indices of Weanability in Difficult to Wean Patients
by Ilaria Valentini, Eva Tomerontochi—Bologna, Italy

Chiara Mega, Luca Fasano, Lara Pisan, and Stefano Nava—Bologna, Italy

Accidental Decannulation Following Placement of a Tracheostomy Tube
by Alexander C White—Stoughton, Massachusetts

Elaine Purcell—Boston, Massachusetts

Mary Beth Urquhart, Bernard Joseph, and Heidi H O’Connor—Stoughton, Massachusetts

Intra-individual Variation of the Cuff-Leak Test as a Predictor of Post-Extubation Stridor
by Antoine Gros—Pontoise, France

Laurent Holzapfel—Bourg-en-Bresse, France

Sophie Marqué—Pontoise, France

Laurent Perard—Lyon, France

Guy Demengeon, Bonavie Piralla, Sandrine Guillard, and Xavier Tcherno—Bourg-en-Bresse, France

Adherence to Acceptability and Repeatability Criteria for Spirometry in Complex Lung Function Laboratories
by Brigite M Borg, M Faizel Hartley, Michael J Bailey, and Bruce R Thompson—Melbourne, Victoria, Australia

Volume-Time Curve: An Alternative for Endotracheal Tube Cuff Management
by Douglas William Bolzan, Walter Jose Gomes, Sônia Maria Faresin, Antônio Carlos de Camargo Carvalho, Angelo Amato Vincenzo De Paola, and Solange Gazzini—São Paulo, Brazil

Comparison of 2 Correction Methods for Absolute Values of Esophageal Pressure in Subjects With Acute Hypoxemic Respiratory Failure, Mechanically Ventilated in the ICU
by Claude Guérin and Jean-Christophe Richard—Lyon, France

Soluble Triggering Receptor Expressed on Myeloid Cells-1 (sTREM-1) as a Diagnostic Marker of Ventilator-Associated Pneumonia
by Steven J Palazzo, Terri A Simpson, Jillian M Simmons, and Lynn M Schnapp—Seattle, Washington

Analysis of Risk Factors for Extubation Failure in Subjects Submitted to Non-Emergency Elective Intracranial Surgery
by Milena Carlos Vidotto—São Paulo, Brazil

Luciana Corrup Machado Sogame—Espírito Santo, Brazil

Marina Rodrigues Gazzotti, Mirto Nelson Prandini, and José Roberto Jardim—São Paulo, Brazil

Clinical Audit on Diagnostic Accuracy and Management of Respiratory Failure in COPD
by Francesco Mencella, Nicola Facciolongo, Mirco Lasuardi, Roberto Piro, Debora Formisano, Claudia Castagnetti, Anna Simonazzi, and Luigi Zucchi—Reggio Emilia, Italy

The Effect of Alveolar Dead Space on the Measurement of End-Expiratory Lung Volume by Modified Nitrogen Wash-Out/Wash-In in Lavage-Induced Lung Injury
by Rui Tong, Yingzi Huang, Qichun Chen, Xia Hai, Yang Li, Qing Yu, Hongjie Zhao, W Yang, and Haibo Qiu—Nanjing, China
CONTENTS CONTINUED...

Evaluation of a Peer-Led Asthma Self-Management Program and Benefits of the Program for Adolescent Peer Leaders  
by Hyekyun Rhee, Brenda E McQuillan—Rochester, New York and Michael J Belyea—Phoenix, Arizona  
2082

Oxidative Stress in COPD Patients, Smokers, and Non-smokers  
by Heidar Tavilani, Ebrahim Nadi, Jamshid Karimi, and Mohammad Taghi Goodarzi—Hamadan, Iran  
2090

Cardiopulmonary Rehabilitation Enhances Heart Rate Recovery in Patients With COPD  
2095

Treatment of Obstructive Sleep Apnea-Hypopnea Syndrome With Combined Uvulopalatopharyngoplasty and Midline Glossectomy: Outcomes From a 5-Year Study  
by Jin Hou, Jing Yan, Botao Wang, Kang Zhu, Ying Sheng, Guoxi Zheng, and Quanming Kang—Xi’an, PR China  
2104

CASE REPORT

Prolonged High-Frequency Oscillatory Ventilation in Tubercular Multifocal Cystic Lung Disease  
by Nivedita Mohari, Dinesh Raj, Rakesh Lodha, and Sushil K Kabra—New Delhi, India  
2111

TEACHING CASES OF THE MONTH

Can Albuterol Be Blamed for Lactic Acidosis?  
by Venkata R Dodda and Peter Spiro—New York, New York  
2225

Challenges Associated With Central Venous Catheter Placement and Central Venous Oxygen Saturation Monitoring  
by Matthew Wemple and Andrew M Lukas—Seattle, Washington  
2119

A 30-Year-Old Man With Sickle-Cell Disease and Severe Dyspnea From Transfusion-Related Acute Lung Injury  
by Adriano M Priola, Dario Gned, Andrea Veltri, and Sandro M Priola—Torino, Italy  
2124

EDITORIALS

Is It Time to Say Good Bye to Blow-By?  
by Ruben D Restrepo—San Antonio, Texas  
2127

“Narrow” Thinking About Difficult Weaning: Don’t Forget the Endotracheal Tube  
by Scott K Epstein—Boston, Massachusetts  
2130

Accidental Decannulation: Systems Thinking, Patient Protection, and Affordable Care  
by Yue Dong and William F Dunn—Rochester, Minnesota  
2133

The Cuff Leak Test: Does It “Leak” Any Information?  
by Maged Y Argalious—Cleveland, Ohio  
2136

LETTERS

Ventilatory Modes. What’s in a Name?  
by Claudio Rabec—Dijon, France Bruno Langevin—Alès, France Daniel Rodenstein—Bruxelles, Belgium Christophe Perrin—Cannes, France Patrick Leger—Lyon, France Jean-Louis Pepin—Grenoble, France Jean Paul Janssens—Geneva, Switzerland Jesús Gonzalez-Bermejo—Paris, France author response by Robert L Chatburn—Cleveland, Ohio  
2138

A Monthly Science Journal  
Established in 1956  
The Official Journal of the American Association for Respiratory Care

Become a fan!  
www.facebook.com/RespiratoryCare

Follow us!  
www.twitter.com/RespCare

ALSO IN THIS ISSUE

Professional Opportunities  
2152

Call for Abstracts  
2155

Calendar  
2158

Author Index  
2159

Advertisers Index & Help Line  
2160