EDITORIALS

Exercise for COPD: Take it Without a Grain of Salt
by Bruce K Rubin—Winston-Salem, North Carolina

Obesity and Lung Volumes: Searching for Solutions and Optimal Performance
by Michael A Gentile—Durham, North Carolina

High-Frequency Chest-Wall Compression, Patient Safety, and the n-of-1 Construct
by David M Wheeler—Cleveland, Ohio

Product Performance Variability With Home Portable Oxygen Systems May Impact Patient Performance Outcomes: It May Be the Device, Not the Disease
by Robert W McCoy—Apple Valley, Minnesota and Brian W Carlin—Pittsburgh, Pennsylvania

ORIGINAL CONTRIBUTIONS

Effectiveness and Safety of Hypertonic Saline Inhalation Combined With Exercise Training in Patients With Chronic Obstructive Pulmonary Disease: A Randomized Trial
by Silvia R Valderramas—Curitiba, Brazil and Álvaro Nagib Atallah—São Paulo, Brazil

Effects of Body Position on Resting Lung Volume in Overweight and Mildly to Moderately Obese Subjects
by Penelope S Benedik—Bryan, Texas
Mara M Baun, Leendert Keus, Carlos Jimenez, Rodolfo Morice, Akhil Bidani, and Janet C Meininger—Houston, Texas

High-Frequency Chest-Wall Compression During the 48 Hours Following Thoracic Surgery
by James S Allan, Julie M Garrity, and Dean D Donahue—Boston, Massachusetts

A Randomized Multi-Arm Repeated-Measures Prospective Study of Several Modalities of Portable Oxygen Delivery During Assessment of Functional Exercise Capacity
by Shawn L Strickland, M Timothy Hogan, Rosemary G Hogan, Harjyot S Sohal, Wayland N McKenzie, and Gregory F Petroski—Columbia, Missouri

Airway Humidification During High-Frequency Percussive Ventilation
by Patrick F Allan—Landstuhl Regional Medical Center, Germany
Michael J Hollingsworth, Gordon C Maniere—Lackland Air Force Base, Texas
Anthony K Rakofsky, Kevin K Chung—Fort Sam Houston, Texas
Gregory A Naworol—Lackland Air Force Base, Texas
John A Ward—Fort Sam Houston, Texas
Michelle Perello—Landstuhl Regional Medical Center, Germany
and Michael J Morris—Fort Sam Houston, Texas

Limits of Effective Cough-Augmentation Techniques in Patients With Neuromuscular Disease
by Michel Toussaint—Vlezenbeek, Belgium
Louis J Boitano—Seattle, Washington
Vincent Gathot, Marc Steens, and Philippe Soudon—Vlezenbeek, Belgium
Physiologic Impact of Closed-System Endotracheal Suctioning in Spontaneously Breathing Patients Receiving Mechanical Ventilation
by Christopher W Seymour—Philadelphia, Pennsylvania
Brian J Cross—Boston, Massachusetts
Colin R Cooke—Seattle, Washington
Robert L Gallop—West Chester, Pennsylvania
and Barry D Fuchs—Philadelphia, Pennsylvania

Special Articles

Creating a Vision for Respiratory Care in 2015 and Beyond
by Robert M Kacmarek—Boston, Massachusetts
Charles G Darbin—Charlottesville, Virginia
Thomas A Barnes—Boston, Massachusetts
Woody V Kageler—Hurst, Texas
John R Walton—Chicago, Illinois
and Edward H O’Neil—San Francisco, California

Case Reports

Pulmonary Embolectomy: Should It Be Offered Earlier Rather Than Later?
by Richard D Le and Naresh A Dewan—Omaha, Nebraska

Teaching Case of the Month

Severe Arterial Hypoxemia in Liver Cirrhosis
by Maarten K Ninaber, Jacobus B de Vaal, Oskar T Corsmit, Frans HM Cluitmans, Joost G de Leeuw, and Frits Smit—Leiderdorp, The Netherlands

Books, Software, & Other Media

Rau’s Respiratory Care Pharmacology, 7th edition (Gardenhire DS)
Workbook for Rau’s Respiratory Care Pharmacology, 7th edition (Gardenhire DS, Harwood RJ)
reviewed by George A Steer—Annapolis, Maryland

Chronic Obstructive Pulmonary Disease: A Forgotten Killer (Midgley C, editor)
reviewed by Richard B Wettstein—San Antonio, Texas

Infection Prevention and Control: Theory and Practice for Healthcare Professionals (Weston D)
reviewed by Emily K Shuman—Ann Arbor, Michigan

Medical Statistics: A Textbook for the Health Sciences, 4th edition
(Machin D, Campbell MJ, and Walters SJ, editors)
reviewed by William J Ehlenbach—Seattle, Washington

The Comfort of Home for Chronic Lung Disease: A Guide for Caregivers
(Meyer MM, Derr P, with Gilmartin ME)
reviewed by JoAnn P Hurd—Elk Grove Village, Illinois

reviewed by Jeffrey M Haynes—Nashua, New Hampshire