Commentary on the November 2011 Issue

A Bench Study of the Effects of Leak on Ventilator Performance During Noninvasive Ventilation
by Yoshitoyo Ueno, Nobuto Nakanishi, Jun Oro, Hideaki Imanaka, and Masaji Nishimura—Tokushima, Japan

Long-Term Survival in Patients With Tracheostomy and Prolonged Mechanical Ventilation in Olmsted County, Minnesota
by Marija Kojicic, Guangxi Li, Adil Ahmed, Lokendra Thakur, Cesar Trillo-Alvarez, Rodrigo Carrin-Ceba, Peter C Gay, and Ognjen Gajic—Rochester, Minnesota

Use of Lambda-Mu-Sigma-Derived Z Score for Evaluating Respiratory Impairment in Middle-Aged Persons
by Carlos A Vaz Fragoso, Thomas M Gill, Gail McAvay, Peter H Van Ness, H Klar Yaggi, and John Concato—New Haven, Connecticut

Comparison of the Lower Confidence Limit to the Fixed-Percentage Method for Assessing Airway Obstruction in Routine Clinical Practice
by Ashutosh N Aggarwal, Dheeraj Gupta, Ritesh Agarwal, and Subrinder K Jindal—Chandigarh, India

Respiratory Care Work Assignment Based on Work Rate Instead of Work Load
by Robert L Chatburn, Susan Gole, Philip Schenk, Edward R Hoisington, and James K Stoller—Cleveland, Ohio

Effects of 2 Exercise Training Programs on Physical Activity in Daily Life in Patients With COPD
by Vanessa S Probst, Demétria Kovelis, Nídia A Hernandes, Carlos A Camillo, Vinícius Cavalheri, and Fabio Pitta—Londrina, Parana, Brazil

Distance Learning and the Internet in Respiratory Therapy Education
by Sarah M Varekojis, Georgianna G Sergakis, Crystal L Dunlevy, Elbie Foote, and Jill Chatter—Columbus, Ohio

Time to Desaturation Less Than One Minute Predicts the Need for Long-Term Home Oxygen Therapy
by Ignacio Garcia-Talavera, Alfonso Tauroni, Jose Luis Trujillo, Ruth Pitti, Luisa Eiroa, Armando Aguirre-Jaime—Santa Cruz de Tenerife, Canary Islands, Spain
Alejandro Sánchez—Las Palmas, Canary Islands, Spain
and Juan Abreu—Tenerife, Canary Islands, Spain

Bacteriological Differences Between COPD Exacerbation and Community-Acquired Pneumonia
by Xue-Jun Li, Qi Li, Liang-Yi Si, and Qiao-Ying Yuan—Chongqing, China

Endotracheal Tube Extubation Force: Adhesive Tape Versus Endotracheal Tube Holder
by Takeru Shimizu, Taro Mizutani, Soichiro Yamashita, Keiichi Hagiya, and Makoto Tanaka—Tsukuba, Ibaraki Prefecture, Japan

Effect of CPAP on Oxidative Stress and Circulating Progenitor Cell Levels in Sleep Patients With Apnea-Hypopnea Syndrome
by Mora Marvi, Regina García-Delgado, José Alcázar-Ramírez, Ana Fernández-Ramos, Juan Alcaide, Fernando Cardona, and Francisco J Tinahones—Málaga, Spain
CASE REPORTS

Surgical Resection and Liposomal Amphotericin B to Treat Cavitary Pulmonary Zygomycosis in a Patient With Diabetes
by ZHU Hua-Ping—Beijing, China
LIANG Jian, HUANG Jing-Bin—Nanning, Guangxi Zhuang Autonomous Region, China
GAO Jie, MO Guo-Xin, JIA Yan-Hong, and XIE Li-Xin—Beijing, China

High-Frequency Chest-Wall Oscillation in a Noninvasive-Ventilation-Dependent Patient With Type 1 Spinal Muscular Atrophy
by Joanna M Keating, Nicola Collins, Andrew Bush, and Michelle Chatwin—London, United Kingdom

Pulmonary Hypertension: A Fatal Complication of Neurofibromatosis Type 1
by Lina Gumbiene, Zaneta Petrulioniene, Kestutis Racinski, Vyte Maneikien, Prunas Serpytis, Alicija Dranenkiene, and Aleksandras Laucevicius—Vilnius, Lithuania

TEACHING CASES OF THE MONTH

Acute Hypoxemic Respiratory Failure in Sarcoidosis: A Case Report and Literature Review
by Dheeraj Gupta, Ritesh Agarwal, Abinash S Paul, and Kusum Joshi—Chandigarh, India

Skin Ulcers: A Sign of Disseminated Tuberculosis
by Guven Tekbas, Abdurrahman Abakay, Abdullah Cetin Tanrikulu, Ugar Firat, Faysal Ekici, Zeki Dostbil, and Bilal Sula—Diyarbakir, Turkey

EDITORIALS

Noninvasive Ventilation Failure: The Answer Is Blowing in the Leaks
by Luca Cabrini, Giovanni Landoni, and Alberto Zangrillo—Milan, Italy

Prolonged Mechanical Ventilation: Are You a Lumper or a Splitter?
by Heidi H O’Connor—Stoughton, Massachusetts

Diagnosing COPD: High Time for a Paradigm Shift
by Philip H Quanjer—Rotterdam, The Netherlands and Gregg L Ruppel—St Louis, Missouri

Stuffing the Respiratory Care Department: New Considerations
by Richard M Ford—San Diego, California

LETTERS

Ventilator Software Version Markedly Affects Time to Trigger and Time Delay
by Marc Wysocki, Michael Kistler—Bonaduz, Switzerland
Paul Garbarini and Robert Hamilton—Reno, Nevada
author response by Robert M Kacmarek—Boston, Massachusetts

Is Noninvasive Ventilation Possible Only in New Jersey?
by Ondrea McKay and John R Bach—Newark, New Jersey

CORRECTION

Corrected legend to Figure 1 of the paper, “Approaches to conventional mechanical ventilation of the patient with acute respiratory distress syndrome” by Hess DR (Respir Care 2011;56[10]:1555-1572)