EDITORIALS

Blunted Response to Hypercapnia: Synonymous With Depressed Respiratory Drive?
by Catherine S Sassoon—Long Beach, California

Quality Control for Spirometry in Large Epidemiologic Studies: “Breathing Quality” Into Our Work
by James K Stoller—Cleveland, Ohio

Is the Application of External Thoracic Support Following Median Sternotomy a Placebo or a Prudent Intervention Strategy?
by Dennis C Sobush—Milwaukee, Wisconsin

ORIGINAL CONTRIBUTIONS

Hypercapnia Test As a Predictor of Success in Spontaneous Breathing Trials and Extubation
by Joan M Raurich, Gemma Rialp, Jordi Ibáñez, Carlos Campillo, Ignacio Ayestarán, and Carmen Blanco—Palma de Mallorca, Spain

Spirometry Quality-Control Strategies in a Multinational Study of the Prevalence of Chronic Obstructive Pulmonary Disease
by Rogelio Pérez-Padilla, Juan Carlos Vázquez-García—México City, México
Maria Nelly Márquez—Montevideo, Uruguay and Ana Maria B Menezes—Pelotas, Brazil

by Julio F Fiore Jr, Luciana D Chiavegato—São Paulo, Brazil
Linda Denehy—Melbourne, Australia
Denise M Paisant, and Sonia M Faresin—São Paulo, Brazil

Aspergillus/Allergic Bronchopulmonary Aspergillosis in an Irish Cystic Fibrosis Population: A Diagnostically Challenging Entity
by Sanjay Haresh Chotirmall, Peter Branagan, Cedric Gunaratnam, and Noel Gerard McElvaney—Dublin, Ireland

Transcutaneous Carbon Dioxide Pressure Monitoring in a Specialized Weaning Unit
by Douglas C Johnson, Salma Batool, and Ronald Dalbec—Boston, Massachusetts

Quality of Life and Social-Economic Characteristics of Greek Male Patients on Long-Term Oxygen Therapy
by Venetia Tsara, Evi Serashi, Zoe Katsarou, Aggeliki Tsorova, and Pandora Christaki—Thessaloniki, Greece

REVIEW ARTICLES
Ventilators for Noninvasive Ventilation to Treat Acute Respiratory Failure
by Raffaele Scala and Mario Naldi—Arezzo, Italy

Singing the Blues: Is It Really Cyanosis?
by Amy Baernstein, Kelly M Smith, and Joann G Elmore—Seattle, Washington

Patient-Ventilator Asynchrony in a Sleeping Patient Receiving Pressure-Support Ventilation
by Jeffrey M Haynes—Nashua, New Hampshire

Clarification of Performance Characteristics of the Vortran Automatic Resuscitator
by S David Piper—Carmichael, California
author response by Mark D Babic, Robert L Chathurn, and James K Stoller—Cleveland, Ohio

More Environmental Prevention of Gram-Negative Infections Needed
author response by Robert E Siegel—Bronx, New York

Lung Transplantation (Banner NR, Polak JM, and Yacoub MH, editors)
reviewed by Gordon L Yung—San Diego, California

Emergencies in Respiratory Medicine (Parker R, Thomas C, and Bennett L, editors)
reviewed by Carin M Olson—Seattle, Washington

Management of the Difficult and Failed Airway (Hung OR and Murphy MF)
reviewed by Yulia Ivashkov—Seattle, Washington

Atlas of Airway Management: Techniques and Tools (Orebaugh SL)
reviewed by Rex A Marley—Fort Collins, Colorado

Respiratory Care audio summaries podcast now available!
Go to www.rcjournal.com/podcasts to subscribe.