EDITORIALS

Bye-Bye, Blow-By
by Bruce K Rubin—Winston-Salem, North Carolina

High-Frequency External Chest Wall Compression for Secretion Clearance: Shake It, But Don’t Break It
by Bruce K Rubin—Winston-Salem, North Carolina

Nebulizer Efficiency: Modeling Versus In Vitro Testing
by John H Dennis—Calgary, Alberta, Canada

ORIGINAL CONTRIBUTIONS

The Spontaneous Breathing Pattern and Work of Breathing of Patients With Acute Respiratory Distress Syndrome and Acute Lung Injury
by Richard H Kallet, J Claude Hemphill III, Rochelle A Dicker, James A Alonso, Andre R Campbell, Robert C Mackersie, and Jeffrey A Katz—San Francisco, California

End-of-Life Decision Making in 42 Patients With Amyotrophic Lateral Sclerosis
by Craig A Munroe, Michael D Sirdofsky, Tunay Kuru, and Eric D Anderson—Washington, DC

Physiological Responses to Positive Expiratory Pressure Breathing: A Comparison of the PEP Bottle and the PEP Mask
by Maria Sehlin, Fredrik Öhberg, Göran Johansson, and Ola Winsö — Umeå, Sweden

Concordance of Respiratory Care Plans Generated by Protocols From Different Hospitals: A Comparative Study
by James K Stoller, Edward R Hoisington, Martha E Lemin, James A Karol, Robert L Chatburn, Edward J Mascha, and Lucy Kester—Cleveland, Ohio

Multicenter Study of Clinical Features of Sudden-Onset Versus Slower-Onset Asthma Exacerbations Requiring Hospitalization
by Venktesh R Ramnath, Sunday Clark, and Carlos A Camargo Jr—Boston, Massachusetts

Effect of Face Mask Design on Inhaled Mass of Nebulized Albuterol, Using a Pediatric Breathing Model
by Hui-Ling Lin—Madison, South Dakota; Ruben D Restrepo—San Antonio, Texas; Douglas S Gardneshire, and Joseph L Rau—Atlanta, Georgia

CASE REPORTS

Acute Hypoxemia in a Child With Neurologic Impairment Associated With High-Frequency Chest-Wall Compression
by Leah D Willis and Robert H Warren—Little Rock, Arkansas