EDITORIALS

Sedation in the Intensive Care Unit: A Call for Evidence
by Steven Deem—Seattle, Washington

ORIGINAL CONTRIBUTIONS

Use of Dexmedetomidine to Facilitate Extubation in Surgical Intensive-Care-Unit Patients Who Failed Previous Weaning Attempts Following Prolonged Mechanical Ventilation: A Pilot Study
by Mark S Siobal, Richard H Kallet, Valerie A Kivett, and Julian F Tang—San Francisco, California

The Impact of Endotracheal Suctioning on Gas Exchange and Hemodynamics During Lung-Protective Ventilation in Acute Respiratory Distress Syndrome
by Maria Paula Carames, Guilherme Schettino, Klaudiusz Suchodolks, Tomoyo Nishida, R Scott Harris, Atul Malhotra, and Robert M Kacmarek—Boston, Massachusetts

The Importance of Nonelectrostatic Materials in Holding Chambers for Delivery of Hydrofluoroalkane Albuterol
by Joseph L Bau—Atlanta, Georgia; Dominic P Coppolo—Syracuse, New York; Mark W Nagel, Valentina I Avvakoumova, Cathy C Doyle, Kimberly J Wiersema, and Jolyon P Mitchell—London, Ontario, Canada

Levalbuterol Aerosol Delivery With a Nonelectrostatic Versus a Nonconducting Valved Holding Chamber
by Dominic P Coppolo—Syracuse, New York, and Jolyon P Mitchell and Mark W Nagel—London, Ontario, Canada

CASE REPORTS

Progressive Pulmonary Infiltrates in a Patient With Ovarian Cancer
by Veeta M Vaughn, Bret W Haymore, Ines J Sanchez-Rivera, and Alexander S Niven—El Paso, Texas

SPECIAL ARTICLES

Recommendations of the 6th Long-Term Oxygen Therapy Consensus Conference
by Dennis E Doherty—Lexington, Kentucky, and Thomas L Petty—Denver, Colorado, for the Writing and Organizing Committees

A Review of the Alpha-1 Foundation: Its Formation, Impact, and Critical Success Factors
by John W Walsh—Miami, Florida; Gordon L Snyder—Boston, Massachusetts; and James K Stoller—Cleveland, Ohio

TEACHING CASE OF THE MONTH

Bullous Lung Disease or Bullous Emphysema?
by Ritesh Agarwal and Ashutosh N Aggarwal—Chandigarh, India