EDITORIALS

Health Care in America: An Error-Prone System in Need of a Fix
by Patrick J Dunne—Fullerton, California

ORIGINAL CONTRIBUTIONS

Missed Bronchodilator Medication Treatments in Respiratory Therapy: Frequency and Underlying Causes
by James K Stoller, Douglas K Orens, and Lucy Kester—Cleveland, Ohio

Assessing Need for Long-Term Oxygen Therapy: A Comparison of Conventional Evaluation and Measures of Ambulatory Oximetry Monitoring
by Kevin M Fussell, Dereje S Ayo, Paul Branca, Jeffrey T Rogers, Michael Rodriguez, and Richard W Light—Nashville, Tennessee

A Comparison of the OxyArm Oxygen Delivery Device and Standard Nasal Cannulae in Chronic Obstructive Pulmonary Disease Patients
by Timothy Dinesen—Toronto, Ontario, Canada
Lee McDonald, Sandy McDonald, and Donald DuVall—Barrie, Ontario, Canada

Performance Comparison of Two Oscillating Positive Expiratory Pressure Devices: Acapella Versus Flutter
by Teresa A Volsko, Juliann M DiFiore, and Robert L Chatburn—Cleveland, Ohio

SPECIAL ARTICLES

Development of an Affordable Data Collection, Reporting, and Analysis System
by William R Howard—Boston, Massachusetts

PFT CORNER

Diagnosis of a Space-Occupying Lesion of the Lung by Pulmonary Function Tests
by Suzanne Redden, Deborah A Hunton, and David A Kaminsky—Burlington, Vermont

BOOKS, FILMS, TAPES, & SOFTWARE

Breathing Disorders in Sleep (McNicholas WT, Phillipson EA)
reviewed by William J DePaso—Seattle, Washington

Sleep Apnea: Pathogenesis, Diagnosis, and Treatment (Pack AI, editor)
reviewed by Noel T Johnson—Edmonds, Washington

Clinical Management of Chronic Obstructive Pulmonary Disease
(Similowski T, Whitelaw WA, Derenne J-P, editors)
reviewed by Joshua O Benditt—Seattle, Washington

Lung Disorders Sourcebook (Matthews DD, editor)
reviewed by Teresa A Volsko—Hudson, Ohio

Working in Health Care: What You Need to Know to Succeed
(Drafke MW, editor)
reviewed by Ehren Ngo—Loma Linda, California
Coming in March & April:

Proceedings from the 31st RESPIRATORY CARE Journal Conference on

Current Trends in Neonatal and Pediatric Respiratory Care

Guest Editors:
Carolyn M Kercsmar MD • Timothy R Myers RRT–NPS

Current Trends in Management of Pediatric Asthma
by Carolyn M Kercsmar MD

Systematic Review of the Management and Treatment of Respiratory Syncitial Virus
by Craig Patrick Black PhD RRT–NPS

Cystic Fibrosis: Current Trends in Respiratory Care
by Jeffrey S Wagener MD and Aree A Headley RRT

Respiratory Emergencies in Children
by Alexandre T Rotta MD and Budi Wiryawan MD

Update on Pediatric Acute Respiratory Distress Syndrome
by Michael R Anderson MD

Management of Respiratory Distress Syndrome: An Update
by Ricardo J Rodriguez MD

Neonatal Resuscitation
by Thomas E Wiswell MD

Extracorporeal Membrane Oxygenation for the Perinatal and Pediatric Patient
by Douglas R Hansell RRT

Diagnostics
by Stephanie D Davis MD

Pulse Oximetry in Infants and Children
by John W Salyer MBA RRT–NPS FAARC

Specialty Gases
by Timothy R Myers RRT–NPS

Invasive and Noninvasive Neonatal Mechanical Ventilation
by Steven M Donn MD and Sunil K Sinha MD PhD

Invasive and Noninvasive Pediatric Mechanical Ventilation
by Ira M Cheifetz MD FAARC