



SEPTEMBER 2004

VOLUME 49

NUMBER 9

ISSN 0020-1324-RECACP

RESPIRATORY CARE®

A MONTHLY SCIENCE JOURNAL
49TH YEAR—ESTABLISHED 1956

EDITORIALS

Implications of Increased Dead-Space Measurements in ARDS

ORIGINAL CONTRIBUTIONS

Prognostic Value of the Pulmonary Dead-Space Fraction During the First 6 Days of ARDS

Practice Variability in Management of ARDS: Use of a Web-Based Bedside Teaching Tool

Correction of Error in Resistance Measured by Flow-Interruption in the Puritan Bennett 7200 and 840 Ventilators

Effects of Manual Ventilation on Albuterol Aerosol Delivery in a Neonatal Ventilator-Lung Model

CASE REPORTS

Helmet Noninvasive Ventilation for Weaning From Ventilatory Support

Heliox Administration During High-Frequency Jet Ventilation

REVIEWS, OVERVIEWS, & UPDATES

Alveolar Mechanics in the Acutely Injured Lung

GUIDELINES, RECOMMENDATIONS, & STATEMENTS

AARC Clinical Practice Guidelines—2004 Revisions & Updates:

Transcutaneous Blood Gas Monitoring for Neonatal & Pediatric Patients

Metabolic Measurement Using Indirect Calorimetry During Mechanical Ventilation

Nasotracheal Suctioning

Resuscitation and Defibrillation in the Health Care Setting

Application of CPAP to Neonates Via Nasal Prongs, Nasopharyngeal Tube, or Nasal Mask



RESPIRATORY CARE

September 2004 Vol. 49 No. 9

Pages 977-1120