## Editor’s Commentary
Commentary on the March 2010 Issue

## Original Research

### Prognostic Value of the Pulmonary Dead-Space Fraction During the Early and Intermediate Phases of Acute Respiratory Distress Syndrome
by Joan M Raurich, Margalida Vilar, Asunción Colomar, Jordi Ibáñez, Ignacio Ayestaran, Jon Pérez-Bárcena, and Juan A Llompart-Pou—Palma de Mallorca, Illes Balears, Spain

### End-Tidal and Arterial Carbon Dioxide Measurements Correlate Across All Levels of Physiologic Dead Space
by S David McSwain, Donna S Hamel, P Brian Smith, Michael A Gentile, Saumini Srinivasan, Jon N Meliones, and Ira M Cheifetz—Durham, North Carolina

### Lateral-Horizontal Patient Position and Horizontal Orientation of the Endotracheal Tube to Prevent Aspiration in Adult Surgical Intensive Care Unit Patients: A Feasibility Study
by Tommaso Mauri, Lorenzo Bierra, Kanya Kumwilaisak, Silvia Pivi—Boston, Massachusetts

Jacob W Ufberg, Friedrich Kueppers—Philadelphia, Pennsylvania

Antonio Pesenti and Luca M Bigatello—Boston, Massachusetts

### Quality of Spirometry Performed by 13,599 Participants in the World Trade Center Worker and Volunteer Medical Screening Program
by Paul L Enright—Morgantown, West Virginia

Gwen S Skloot—New York, New York

Jean M Cox-Ganser—Morgantown, West Virginia

Iris G Udasin—Piscataway, New Jersey and Robin Herbert—New York, New York

### Frequency and Causes of Combined Obstruction and Restriction Identified in Pulmonary Function Tests in Adults
by Enrique Diaz-Guzman, Kevin McCarthy, Alan Siu, and James K Stoller—Cleveland, Ohio

### Battery Performance of 4 Intensive Care Ventilator Models
by Thomas C Blakeman, Bryce RH Robinson, and Richard D Branson—Cincinnati, Ohio

### Knowledge of Alpha-1 Antitrypsin Deficiency Among Internal Medicine House Officers and Respiratory Therapists: Results of a Survey
by Rachel M Taliercio, Robert L Chatburn, and James K Stoller—Cleveland, Ohio

### Risk Factors for Extubation Failure in Infants With Severe Acute Bronchiolitis
by Cintia Johnston, Werther Brunow de Carvalho—São Paulo, Brazil

Jefferson Piva, Pedro Celiny R Garcia—Porto Alegre, Brazil

and Marcelo Fonseca—São Paulo, Brazil

### Correlation Between the %MinVol Setting and Work of Breathing During Adaptive Support Ventilation in Patients with Respiratory Failure
by Chiin-Pyng Wu, Hen-I Lin, Wann-Chern Perng, Shih-Hsing Yang, Chien-Wen Chen—Taipei, Taiwan

Yuh-Chin T Huang—Durham, North Carolina and Kun-Lun Huang—Taipei, Taiwan
CASE REPORT

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TEACHING CASE OF THE MONTH

Abdominal Tuberculosis: An Unusual Cause of Abdominal Pain
by Joanna M Tulczynska and Jean K Fleischman—Jamaica, New York

EDITORIALS

Measuring Dead Space: Does It Really Matter? or, What Are We Waiting For?
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What Is the Best Position for Preventing Ventilator-Associated Pneumonia?
by Rachael A Callcut—Stanford, California

Comprehensive Quality Control for Pulmonary Function Testing: It’s Time to Face the Music
by Jeffrey M Haynes—Nashua, New Hampshire

BOOKS, SOFTWARE, AND OTHER MEDIA

Introduction to Bronchoscopy (Ernst A, editor)
reviewed by Tarek A Dernaika—Oklahoma City, Oklahoma

Pulmonary Problems in Pregnancy (Bourjeily G and Rosene-Montella K, editors) Respiratory Medicine series
reviewed by Anne Butler Lipke—Seattle, Washington

Pulmonary Arterial Hypertension and Interstitial Lung Diseases: A Clinical Guide (Baughman RP, Carbone RG, and Bottino G, editors)
reviewed by David L Hotchkin—Portland, Oregon