

APRIL 2009

VOLUME 54

NUMBER 4

ISSN 0020-1324-RECACP

RESPIRATORY CARE®

A MONTHLY SCIENCE JOURNAL
—ESTABLISHED 1956
RCJournal.com

**2009 OPEN FORUM
CALL FOR ABSTRACTS
DEADLINE JUNE 15, 2009**

EDITORIALS

The Neglected Child of Pulmonary Diagnostics
Conditioning Inspired Gases
Prediction Equations for Caloric Requirements
Administering Inhaled Bronchodilators
The Evidence for Airway Clearance Therapy in Cystic Fibrosis

ORIGINAL RESEARCH

Inspiratory Flow-Volume Curve and Upper Airway Disease
Clinical and Lung Function Variables in Vocal Cord Dysfunction
Detection of Upper Airway Obstruction
Humidification During Mechanical Ventilation
Measured Versus Predicted Energy Requirements
Respiratory Care Workload Using 2 Different Nebulizers
Bacterial Colonization of Respiratory Therapists' Pens
A Therapist-Constructed PEP Bottle Device

REVIEW ARTICLE

Predictive Equations for Energy Needs for the Critically Ill

SPECIAL ARTICLE

Cystic Fibrosis Pulmonary Guidelines: Airway Clearance Therapies

CASE REPORT

Diagnosis and Management of Post-traumatic Pulmonary Pseudo-cyst

TEACHING CASE OF THE MONTH

Revisiting an Old Therapy for Tuberculosis