39th Respiratory Care Journal Conference
Airway Clearance: Physiology, Pharmacology, Techniques, and Practice
Part I
A SPECIAL ISSUE

Co-Chairs
Bruce K Rubin MEng MD MBA FAARC
Dean R Hess PhD RRT FAARC

Conference Proceedings

Foreword: Airway Clearance: Physiology, Pharmacology, Techniques, and Practice
by Bruce K Rubin—Winston-Salem, North Carolina; and Dean R Hess—Boston, Massachusetts

Physiology of Airway Mucus Secretion and Pathophysiology of Hypersecretion
by Duncan F Rogers—London, United Kingdom

Bronchial Mucus Transport
by Cees P van der Schans—Groningen, The Netherlands

Inhaled Adrenergics and Anticholinergics in Obstructive Lung Disease: Do They Enhance Mucociliary Clearance?
by Ruben D Restrepo—San Antonio, Texas

Mucoactive Agents for Airway Mucus Hypersecretory Diseases
by Duncan F Rogers—London, United Kingdom

Conventional Chest Physical Therapy for Obstructive Lung Disease
by Cees P van der Schans—Groningen, The Netherlands

Forced Expiratory Technique, Directed Cough, and Autogenic Drainage
by James B Fink—Mountain View, California

High-Frequency Assisted Airway Clearance
by Robert L Chatburn—Cleveland, Ohio
Coming in October

Airway Clearance: Physiology, Pharmacology, Techniques, and Practice
Part II

Mechanical Insufflation-Exsufflation for Airway Mucus Clearance

PEP and Oscillating PEP Therapies

Secretion Management in the Mechanically Ventilated Patient

Designing Clinical Trials to Evaluate Mucus Clearance Therapy

Applications in the Elderly and in Patients With Neurologic or Neuromuscular Compromise

Applications in Infants and Children

Conference Summary