37TH RESPIRATORY CARE JOURNAL CONFERENCE

NEUROMUSCULAR DISEASE IN RESPIRATORY AND CRITICAL CARE MEDICINE

PART I

A SPECIAL ISSUE

CO-CHAIRS

Joshua O Benditt MD
Dean R Hess PhD RRT FAARC

CONFERENCE PROCEEDINGS

Foreword: Respiratory Care and Neuromuscular Disease
by Joshua O Benditt—Seattle, Washington
and Dean R Hess—Boston, Massachusetts

The Neuromuscular Respiratory System: Physiology, Pathophysiology, and a Respiratory Care Approach to Patients
by Joshua O Benditt—Seattle, Washington

Muscle Dysfunction Associated With Chronic Obstructive Pulmonary Disease
by Neil R MacIntyre—Durham, North Carolina

Respiratory Dysfunction and Management in Spinal Cord Injury
by Robert Brown—Boston, Massachusetts;
Anthony F DiMarco—Cleveland, Ohio;
Jeanette D Hoit—Tucson, Arizona;
and Eric Garshick—Boston, Massachusetts

Respiratory Effects of Amyotrophic Lateral Sclerosis: Problems and Solutions
by Noah Lechtzin—Baltimore, Maryland

Respiratory Issues in the Management of Children With Neuromuscular Disease
by Howard B Panitch—Philadelphia, Pennsylvania

Noninvasive Ventilation in Neuromuscular Disease: Equipment and Application
by Dean R Hess—Boston, Massachusetts

Management of Airway Clearance in Neuromuscular Disease
by Louis J Boitano—Seattle, Washington

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Books, Films, Tapes, & Software

Pharmacology and Pathophysiology of the Control of Breathing (Ward DS, Dahan A, Teppema LJ, editors)
reviewed by Nausherwan K Burki—Farmington, Connecticut

Acute and Chronic Cough (Redington AE, Morice AH, editors)
reviewed by Lorcan McGarvey—Belfast, Northern Ireland

Severe Pneumonia (Niederman MS, editor)
reviewed by Warren Isakow—St Louis, Missouri

Sleep Medicine: A Guide to Sleep and Its Disorders, 2nd ed (Shneerson JM)
reviewed by Susan M Harding—Birmingham, Alabama

Cystic Fibrosis in the 21st Century (Bush A, Alton EWFW, Davies JC, Griesenbach U, Jaffe A, editors)
reviewed by Bruce K Rubin—Winston-Salem, North Carolina

Lung Surfactant Function and Disorder (Nag K, editor)
reviewed by Shabbir Hussain—London, Ontario, Canada

Coming in September

Neuromuscular Disease in Respiratory and Critical Care Medicine Part II

Care of the Chronic Tracheostomy
Rajiv Dhand MD

Full-Time Noninvasive Ventilation: Possible and Desirable
Joshua O Benditt MD

Neuromuscular Disease Causing Acute Respiratory Failure
Sangeeta Mehta MD

Clinical Approach to the Weak Patient in the ICU
Upinder Dhand MD

ICU-Acquired Muscle Weakness
Steven Deem MD

Critical Illness and Mechanical Ventilation: Effects on the Diaphragm
Amal Jubran MD

Conference Summary
Nicholas S Hill MD