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# ACPRC Respiratory Review



## Editorial

Welcome to the Respiratory Review for January-June 2011, our first bi-annual review to be published online only. The ACPRC would like to thank reviewers for their ongoing commitment to this review.

Lauren Hogg  
RESPIRATORY REVIEW EDITOR

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## Journals

American Journal of Critical Care  
American Journal of Respiratory and Critical  
Care Medicine  
Anaesthesia  
Archives of Physical Medicine and  
Rehabilitation  
BMJ  
British Journal of Anaesthesia  
Chest  
Cochrane Systematic Reviews  
Critical Care Medicine  
European Respiratory Journal  
Heart and Lung  
Intensive Care Medicine  
International Journal of COPD  
Journal of ACPRC  
Journal of Advanced Nursing  
Journal of American Medical Association  
Journal of Cardiopulmonary Rehabilitation and  
Prevention  
Journal of Critical Care

Journal of Intensive Care Medicine  
Journal of Neurology, Neurosurgery and  
Psychiatry  
Journal of Physiotherapy  
Journal of Rehabilitation Medicine  
Lancet  
Neurology  
New England Journal of Medicine  
New Zealand Journal of Physiotherapy  
Open Respiratory Medicine Journal  
Pediatric Pulmonology  
Physical Therapy  
Physical Therapy Reviews  
Physiotherapy  
Physiotherapy Canada  
Physiotherapy Research International  
Physiotherapy Theory and Practice  
Respiration  
Respiratory Medicine  
Thorax

# Cardiovascular Disease

## **Cardiac Rehabilitation and Exercise**

Bouchla A, Karatzanos E, Dimopoulos S et al  
**The Addition of Strength Training to Aerobic Interval Training: Effects on Muscle Strength and Body Composition in CHF Patients**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(1):47-51

[Abstract](#)

Clark A, Mundy C, Catto S et al  
**Participation in Community-Based Exercise Maintenance Programs After Completion of Hospital-Based Cardiac Rehabilitation: A Mixed-Method Study**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(1):42-46

[Abstract](#)

Evans J, Bethell H, Turner S et al  
**Characteristics of Patients Entering Cardiac Rehabilitation in the United Kingdom 1993-2006: Implications for the future**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(3):181-187

[Abstract](#)

Gremeaux V, Troisgros O, Benaïm S et al  
**Determining the Minimal Clinically Important Difference for the Six-Minute Walk Test and the 200-meter Fast-Walk Test During Cardiac Rehabilitation Program in Coronary Artery Disease Patients After Acute Coronary Syndrome**

Archives of Physical Medicine and Rehabilitation 2011; 92(4): 611-619

[Abstract](#)

Grünig E, Ehlken N, Ghofrani A et al  
**Effect of Exercise and Respiratory Training on Clinical Progression and Survival in Patients with Severe Chronic Pulmonary Hypertension**

Respiration 2011; 81(5): 394-401

[Abstract](#)

Hamm L, Sanderson B, Ades P et al  
**Core Competencies for Cardiac Rehabilitation/Secondary Prevention Professionals: 2010 Update: Position Statement of the American Association of Cardiovascular and Pulmonary Rehabilitation**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(1):2-10

[Abstract](#)

Hassan A, Alison J, Redfern J  
**Exercise in Pulmonary Hypertension**

Physical Therapy Reviews 2011; 16(1):19-24

[Abstract](#)

Johnston M, MacDonald K, Manns P et al  
**Impact of Cardiac Rehabilitation on the Ability of Elderly Cardiac Patients to Perform Common Household Tasks**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(2):100-104

[Abstract](#)

Olper L, Cervi P, Santi F et al  
**Validation of the Treadmill Six-Minute Walk Test in People Following Cardiac Surgery**

Physical Therapy 2011; 91:566-576

[Abstract](#)

Redfern J  
**Expanded Cardiac Rehabilitation Reduces Cardiac Events Over Five Years**

Journal of Physiotherapy 2011; 57(1): 57

[Abstract](#)

Redfern J, Briffa T  
**Cardiac Rehabilitation Moving Forward with New Models of Care**

Physical Therapy Reviews 2011; 16 (1): 31-38

[Abstract](#)

Sharma S, Parker A  
**Prevalence of Obstructive Sleep Apnea in a Patient Population Undergoing Cardiac Rehabilitation**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(3):188-192

[Abstract](#)

Tkatch R, Artinian N, Abrams J et al  
**Social Network and Health Outcomes Among African American Cardiac Rehabilitation Patients**

Heart and Lung 2011; 40(3):193-200

[Abstract](#)

## Heart Failure

Hallas C, Wray J, Andreou P et al  
**Depression and Perceptions About Heart Failure Predict Quality of Life in Patients with Advanced Heart Failure**

Heart and Lung 2011; 40(2):111-121

[Abstract](#)

Jackson J, Emery C  
**Illness Knowledge Moderates the Influence of Coping Style on Quality of Life Among Women with Congestive Heart Failure**

Heart and Lung 2011; 40(2):122-129

[Abstract](#)

Lee C, Moser D, Lennie T et al  
**Event-Free Survival in Adults with Heart Failure who Engage in Self-Care Management**

Heart and Lung 2011; 40(1):12-20

[Abstract](#)

Pressler S, Subramanian U, Perkins S et al  
**Measuring Depressive Symptoms in Heart Failure: Validity and Reliability of the Patient Health Questionnaire-8**

American Journal of Critical Care 2011; 20(2):146-152

[Abstract](#)

Rasmusson K  
**Heart Failure Self-Management instruction: Impact on Heart Failure Outcomes**

Heart and Lung 2011; 40(1):2-3

[Abstract](#)

## Community Acquired Pneumonia

Lee J, Kim J, Kim K et al  
**Albumin and C-reactive Protein Have Prognostic Significance in Patients with Community-Acquired Pneumonia**

Journal of Critical Care 2011; 26(3):287-294

[Abstract](#)

Salluh J, Soares M, Coelho L et al  
**Impact of Systemic Corticosteroids on the Clinical Course and Outcomes of Patients with Severe Community-Acquired Pneumonia: A Cohort Study**

Journal of Critical Care 2011; 26(2):193-200

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Waterer G, Rello J, Wunderink R  
**Management of Community-Acquired Pneumonia in Adults**

American Journal of Respiratory and Critical Care Medicine 2011; 183(2):157-164.

[Abstract](#)

Wilson K, Schünemann H  
**An Appraisal of the Evidence Underlying Performance Measures for Community-acquired Pneumonia**

American Journal of Respiratory and Critical Care Medicine 2011; 183(11):1454-1462

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## Continuing Professional Development

Michaleff Z, Costa L, Moseley A et al  
**CENTRAL, PEDro, PubMed, and EMBASE are the Most Comprehensive Databases Indexing Randomized Controlled Trials of Physical Therapy Interventions**  
Physical Therapy 2011; 91:190-197  
[Abstract](#)

Wainwright S, Shepard K, Harman L et al  
**Factors that Influence the Clinical Decision Making of Novice and Experienced Physical Therapists**  
Physical Therapy 2011; 91:87-101  
[Abstract](#)

Ware JH, Hamel MB  
**Statistics in Medicine: Pragmatic Trials – Guides to Better Patient Care?**  
New England Journal of Medicine 2011; 364:1685-1687  
[Abstract](#)

## Cough

Birring S  
**Controversies in the Evaluation and Management of Chronic Cough**  
American Journal of Respiratory and Critical Care Medicine 2011; 183(6):708-715  
[Abstract](#)

Leconte S et al  
**Validated Methods of Cough Assessment: A Systematic Review of the Literature**  
Respiration 2011; 81(2):161-174  
[Abstract](#)

## Critical Care

### **Acute Lung Injury and ARDS**

Boissier F, Labbé V, Marchetti G et al  
**Acute Respiratory Distress and Shock Secondary to Complicated Diaphragmatic Hernia**  
Intensive Care Medicine 2011; 37(4):725 - 726  
[Abstract](#)

Bouhemad B, Brisson H, Le-Guen M et al  
**Bedside Ultrasound Assessment of Positive End-Expiratory Pressure-induced Lung Recruitment**  
American Journal of Respiratory and Critical Care Medicine 2011; 183(3):341-347  
[Abstract](#)

Chaiwat O, Vavilala M, Philip S et al  
**Intraoperative Adherence to a Low Tidal Volume Ventilation Strategy in Critically Ill Patients with Pre-existing Acute Lung Injury**  
Journal of Critical Care 2011; 26(2):144-151  
[Abstract](#)

Charron C, Bouferrache K, Caille V et al  
**Routine Prone Positioning in Patients with Severe ARDS: Feasibility and Impact on Prognosis**  
Intensive Care Medicine 2011; 37(5):785 -790  
[Abstract](#)

Chung F, Mueller D  
**Physical Therapy Management of Ventilated Patients with Acute Respiratory Distress Syndrome or Severe Acute Lung Injury**  
Physiotherapy Canada 2011; 63(2):191-198

Dessap A, Proost O, Boissier F et al  
**Transesophageal Echocardiography in Prone Position During Severe Acute Respiratory Distress Syndrome**  
Intensive Care Medicine 2011; 37(3): 430-434  
[Abstract](#)

Gajic O, Dabbagh O, Park P et al on behalf of the U.S. Critical Illness and Injury Trials Group: Lung Injury Prevention Study Investigators (USCIITG-LIPS)  
**Early Identification of Patients at Risk of Acute Lung Injury: Evaluation of Lung Injury Prediction Score in a Multicenter Cohort Study**  
American Journal of Respiratory and Critical Care Medicine 2011; 183(4):462-470  
[Abstract](#)

Herridge MS, Tansley CM, Matte A et al for the Canadian Critical Care Trials Group  
**Functional Disability 5 Years After Acute Respiratory Distress Syndrome**  
New England Journal of Medicine 2011; 364: 1293-1304  
[Abstract](#)

Hodgson CL, Tuxen DV, Bailey MJ et al  
**A Positive Response to a Recruitment Maneuver with PEEP Titration in Patients With ARDS, Regardless of Transient Oxygen Desaturation During the Maneuver**  
Journal of Intensive Care Medicine 2011; 26(1): 41-49  
[Abstract](#)

Koenig H, Finkel B, Khalsa S et al  
**Performance of an Automated Electronic Acute Lung Injury Screening System in Intensive Care Unit Patients**  
Critical Care Medicine 2011; 39(1):98-104  
[Abstract](#)

Masclans JR, Roca O, Muñoz X et al  
**Quality of Life, Pulmonary Function, and Tomographic Scan Abnormalities After ARDS**  
Chest 2011; 139(6):1340-6  
[Abstract](#)

Nemer S, Caldeira J, Azeredo L et al  
**Alveolar Recruitment Maneuver in Patients with Subarachnoid Hemorrhage and Acute Respiratory Distress Syndrome: A Comparison of 2 Approaches**  
Journal of Critical Care 2011; 26(1):22-27  
[Abstract](#)

Nair P, Davies A, Beca J et al  
**Extracorporeal Membrane Oxygenation for Severe ARDS in Pregnant and Postpartum Women During the 2009 H1N1 Pandemic**  
Intensive Care Medicine 2011; 37(4):648-654  
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## Critical Care Rehabilitation

Koch S, Spuler S, Deja M et al  
**Critical Illness Myopathy is Frequent: Accompanying Neuropathy Protracts ICU Discharge**  
Journal of Neurology, Neurosurgery & Psychiatry 2011; 82(3):287-293  
[Abstract](#)

Misak C  
**ICU-Acquired Weakness: Obstacles and Interventions for Rehabilitation**  
American Journal of Respiratory and Critical Care Medicine 2011; 183(7): 845-846  
[Abstract](#)

Paratz J, Kayambu G  
**Early Exercise and Attenuation of Myopathy in the Patient with Sepsis in ICU**  
Physical Therapy Reviews 2011; 16(1):58-65  
[Abstract](#)

Thomas A  
**Physiotherapy Led Early Rehabilitation of the Patient with Critical Illness**  
Physical Therapy Reviews 2011; 16(1):46-57  
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Williams T, Leslie G, Bingham R et al  
**Optimizing Seating in the Intensive Care Unit for Patients with Impaired Mobility**  
American Journal of Critical Care 2011; 20(1):  
e19-e27  
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## ECMO

Forrest P, Ratchford J, Burns B et al  
**Retrieval of Critically Ill Adults Using Extracorporeal Membrane Oxygenation: An Australian Experience**  
Intensive Care Medicine 2011; 37(5):824-830  
[Abstract](#)

## Education

Kleinpell R, Ely W, Williams G et al  
**Web-Based Resources for Critical Care Education**  
Critical Care Medicine 2011; 39(3):541-553  
[Abstract](#)

## General Critical Care and Miscellaneous

Antonelli M, Azoulay E, Bonten M et al  
**Year in Review in Intensive Care Medicine 2010: I. Acute Renal Failure, Outcome, Risk Assessment and ICU Performance, Sepsis, Neuro Intensive Care and Experimentals**  
Intensive Care Medicine 2011; 37(1):19-34  
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Antonelli M, Azoulay E, Bonten M et al  
**Year in Review in Intensive Care Medicine 2010: II. Pneumonia and Infections, Cardiovascular and Haemodynamics, Organization, Education, Haematology, Nutrition, Ethics and Miscellanea**  
Intensive Care Medicine 2011; 37(2):196-213  
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Antonelli M, Azoulay E, Bonten M et al  
**Year in Review in Intensive Care Medicine 2010: III. ARDS and ALI, Mechanical Ventilation, Noninvasive Ventilation, Weaning, Endotracheal Intubation, Lung Ultrasound and Paediatrics**  
Intensive Care Medicine 2011; 37(3):394-410  
[Abstract](#)

Ashkenazy S, DeKeyser-Ganz F  
**Assessment of the Reliability and Validity of the Comfort Scale for Adult Intensive Care Patients**  
Heart and Lung 2011; 40(3):e44-51  
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Black P, Boore, JRP, Parahoo, K  
**The Effect of Nurse Facilitated Family Participation in the Psychological Care of the Critically Ill Patient**  
Journal of Advanced Nursing 2011; 67(5): 1091-1101  
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Choi J, Donahoe M, Zullo T et al  
**Caregivers of the Chronically Critically Ill After Discharge From the Intensive Care Unit: Six Months' Experience**  
American Journal of Critical Care 2011; 20(1):  
12-23  
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De Graaff A, Dongelmans D, Binnekade J et al  
**Clinicians' Response to Hyperoxia in Ventilated Patients in a Dutch ICU Depends on the Level of FiO<sub>2</sub>**  
Intensive Care Medicine 2011; 37(1):46-51  
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Ewig S, Woodhead M, Torres A  
**Towards a Sensible Comprehension of Severe Community-Acquired Pneumonia**  
Intensive Care Medicine 2011; 37(2):214-223  
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Gancel P, Roupie E, Guittet L et al  
**Accuracy of a Transcutaneous Carbon Dioxide Pressure Monitoring Device in Emergency Room Patients with Acute Respiratory Failure**  
Intensive Care Medicine 2011; 37(2): 348-351  
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Happ M, Garrett K, Thomas D et al  
**Nurse-Patient Communication Interactions in the Intensive Care Unit**  
American Journal of Critical Care 2011; 20(2): e28-e40  
[Abstract](#)

Ho K, Hart G, Austin D et al  
**Dose-Related Effect of Smoking on Mortality in Critically Ill Patients: A Multicentre Cohort Study**  
Intensive Care Medicine 2011; 37(6):981-989  
[Abstract](#)

Jäderling G, Calzavacca P, Bell M et al  
**The Deteriorating Ward Patient: A Swedish–Australian Comparison**  
Intensive Care Medicine 2011; 37(6): 1000-1005  
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Jongerden I, Buiting A, Leverstein-van Hall M et al  
**Effect of Open and Closed Endotracheal Suctioning on Cross-Transmission with Gram-Negative Bacteria: A Prospective Crossover Study**  
Critical Care Medicine 2011; 39(6):1313-1321  
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Kamel H, Navi, Babak Nakagawa K et al  
**Hypertonic Saline Versus Mannitol for the Treatment of Elevated Intracranial Pressure: A Meta-Analysis of Randomized Clinical Trials**  
Critical Care Medicine 2011; 39(3):554-559  
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Naue Wda S, da Silva AC, Güntzel AM et al  
**Increasing Pressure Support Does Not Enhance Secretion Clearance if Applied During Manual Chest Wall Vibration in Intubated Patients: A Randomised Trial**  
Journal of Physiotherapy 2011; 57(1):21-6  
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Orwelius L, Bäckman C, Fredrikson M et al  
**Social Integration: An Important Factor for Health-Related Quality of Life After Critical Illness**  
Intensive Care Medicine 2011; 37(5): 831-838  
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Perz S, Uhlig T, Kohl M et al  
**Low and “Supranormal” Central Venous Oxygen Saturation and Markers of Tissue Hypoxia in Cardiac Surgery Patients: A Prospective Observational Study**  
Intensive Care Medicine 2011; 37(1):52-59  
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Sligl WI, Eurich DT, Marrie TJ et al  
**Only Severely Limited, Premorbid Functional Status is Associated with Short- and Long-Term Mortality in Patients with Pneumonia Who are Critically Ill: A Prospective Observational Study**  
Chest 2011; 139(1):88-94  
[Abstract](#)

Westerly B, Dabbagh O  
**Morbidity and Mortality Characteristics of Morbidly Obese Patients Admitted to Hospital and Intensive Care Units**  
Journal of Critical Care 2011; 26(2):180-185  
[Abstract](#)



## Liver disease

Al-Khafaji A, Huang D and David T  
**Critical Care Management of Patients with End-Stage Liver Disease**

Critical Care Medicine 2011; 39(5):1157-1166

[Abstract](#)

Levesque E, Hoti E, Jiabin J et al  
**Respiratory Impact of Paracentesis in Cirrhotic Patients with Acute Lung Injury**

Journal of Critical Care 2011; 26(3):257-261

[Abstract](#)

## Sepsis

Boyd J, Forbes J, Nakada T et al  
**Fluid Resuscitation in Septic Shock: A Positive Fluid Balance and Elevated Central Venous Pressure are Associated with Increased Mortality**

Critical Care Medicine 2011; 39(2):259-265

[Abstract](#)

Poulsen J, Møller K, Jensen C et al  
**Effect of Transcutaneous Electrical Muscle Stimulation on Muscle Volume in Patients with Septic Shock**

Critical Care Medicine 2011; 39(3):456-461

[Abstract](#)

## Ventilation

Barnato A, Albert S, Angus D et al  
**Disability Among Elderly Survivors of Mechanical Ventilation**

American Journal of Respiratory and Critical Care Medicine 2011; 183(8):1037-1042

[Abstract](#)

Chiumello D, Chevillard G, Gregoretti C  
**Non-Invasive Ventilation in Postoperative Patients: A Systematic Review**

Intensive Care Medicine 2011; 37(6):918-929

[Abstract](#)

Fodil R, Lellouche F, Mancebo J et al  
**Comparison of Patient-Ventilator Interfaces Based on their Computerized Effective Dead Space**

Intensive Care Medicine 2011; 37(2):257-262

[Abstract](#)

Happ M, Hoffman L  
**Research Needs Related to the Care of Patients on Prolonged Mechanical Ventilation**

Heart and Lung 2011; 40(2):93-94

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Jaber S, Petrof B, Jung B et al  
**Rapidly Progressive Diaphragmatic Weakness and Injury during Mechanical Ventilation in Humans**

American Journal of Respiratory and Critical Care Medicine 2011; 183(3):364-371

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Milan M, Zanella A, Isgrò S et al  
**Performance of Different Continuous Positive Airway Pressure Helmets Equipped with Safety Valves During Failure of Fresh Gas Supply**

Intensive Care Medicine 2011; 37 (6): 1031 - 1035

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Nouira S, Boukef R, Bouida W et al  
**Non-Invasive Pressure Support Ventilation and CPAP in Cardiogenic Pulmonary Edema: A Multicenter Randomized Study in the Emergency Department**

Intensive Care Medicine 2011; 37(2):249-256

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Peruzzi W  
**Lung Protective Strategy: Many Pieces of the Puzzle**

Journal of Critical Care 2011; 26(2):152-154

Piccin V, Calciolari C, Yoshizaki K et al  
**Effects of Different Mechanical Ventilation Strategies on the Mucociliary System**  
Intensive Care Medicine 2011; 37(1):132-140  
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Piquilloud L, Vignaux L, Bialais E et al  
**Neurally Adjusted Ventilatory Assist Improves Patient–Ventilator Interaction**  
Intensive Care Medicine 2011; 37(2): 263-271  
[Abstract](#)

Samuelson K  
**Adult Intensive Care Patients' Perception of Endotracheal Tube-Related Discomforts: A Prospective Evaluation**  
Heart and Lung 2011; 40(1):49-55  
[Abstract](#)

Schultz M, De Pont A  
**Prone or PEEP, PEEP and Prone**  
Intensive Care Medicine 2011; 37(2):366-367  
[Abstract](#)

Sinha P, Flower O, Soni N  
**Dead-space Ventilation: A Waste of Breath!**  
Intensive Care Medicine 2011; 37(5):735-746  
[Abstract](#)

Sole M, Su X, Talbert S et al  
**Evaluation of an Intervention to Maintain Endotracheal Tube Cuff Pressure Within Therapeutic Range**  
American Journal of Critical Care 2011; 20(2): 109-118  
[Abstract](#)

Yang M, Ahn HJ, Kim K et al  
**Does a Protective Vstrategy Reduce the Risk of Pulmonary Complications After Lung Cancer Surgery? A Randomized Controlled trial**  
Chest 2011; 139(3):530-7  
[Abstract](#)

Zanella A, Scaravilli V, Isgrò S et al  
**Fluid Leakage Across Tracheal Tube Cuff, Effect of Different Cuff Material, Shape, and Positive Expiratory Pressure: A Bench-Top Study**  
Intensive Care Medicine 2011; 37(2):343-347  
[Abstract](#)

## Ventilator Acquired Pneumonia

Blot, Serra M, Koulenti D et al  
**Patient to Nurse Ratio and Risk of Ventilator-Associated Pneumonia in Critically Ill Patients**  
American Journal of Critical Care 2011; 20(1): e1-e9  
[Abstract](#)

Kasuya Y, Hargett J, Lenhardt R et al  
**Ventilator-Associated Pneumonia in Critically Ill Stroke Patients: Frequency, Risk Factors and Outcomes**  
Journal of Critical Care 2011; 26(3):273-279  
[Abstract](#)

Miller M, Arndt J, Konkle M et al  
**A Polyurethane Cuffed Endotracheal Tube is Associated with Decreased Rates of Ventilator-Associated Pneumonia**  
Journal of Critical Care 2011; 26(3):280-286  
[Abstract](#)

Rello J, Chastre J, Cornaglia G et al  
**A European Care Bundle for Management of Ventilator-Associated Pneumonia**  
Journal of Critical Care 2011; 26(1):3-10  
[Abstract](#)

## Weaning

Boutou A, Abatzidou F, Tryfon S et al  
**Diagnostic Accuracy of the Rapid Shallow Breathing Index to Predict a Successful Spontaneous Breathing Trial Outcome in Mechanically Ventilated Patients with Chronic Obstructive Pulmonary Disease**

Heart and Lung 2011; 40(2):105-110

[Abstract](#)

Jurema dos Santos L, Hoff F, Condessa R et al  
**Energy Expenditure During Weaning from Mechanical Ventilation: Is There any Difference Between Pressure Support and T-tube?**

Journal of Critical Care 2011; 26(1):34-41

[Abstract](#)

Ouanes-Besbes L, Ouanes I et al  
**Weaning Difficult-to-Wean Chronic Obstructive Pulmonary Disease Patients: A Pilot Study Comparing Initial Hemodynamic Effects of Levosimendan and Dobutamine**

Journal of Critical Care 2011; 26(1):15-21

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Papaioannou V, Chouvarda I, Maglaveras N et al  
**Changes of Heart and Respiratory Rate Dynamics During Weaning from Mechanical Ventilation: A Study of Physiologic Complexity in Surgical Critically Ill Patients**

Journal of Critical Care 2011; 26(3):262-272

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Rose L, Blackwood B, Burns S et al  
**International Perspectives on the Influence of Structure and Process of Weaning from Mechanical Ventilation**

American Journal of Critical Care 2011; 20(1): e10-e18

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Sellares J, Ferrer M, Cano E et al  
**Predictors of Prolonged Weaning and Survival During Ventilator Weaning in a Respiratory ICU**

Intensive Care Medicine 2011; 37(5):775-784

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## Dysfunctional Breathing

Clifton Smith T, Rowley J  
**Breathing Pattern Disorders and Physiotherapy: Inspiration for Our Profession**

Physical Therapy Reviews 2011; 16(1):75-86

[Abstract](#)

## Dyspnoea

Nishino T  
**Editor's Choice: Dyspnoea: Underlying Mechanisms and Treatment**

British Journal of Anaesthesia 2011; 106(4): 463-474

## Exercise, Exercise Testing and Physical Activity

Casanova C, Celli B, Barria et al: on behalf of the Six Minute Walk Distance Project (ALAT)  
**The 6-min Walk Distance in Healthy Subjects: Reference Standards from Seven Countries**

European Respiratory Journal 2011; 37:150-156

[Abstract](#)

Hassan A, Alison J, Redfern J  
**Exercise in Pulmonary Hypertension**

Physical Therapy Reviews 2011; 16(1):19-24

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Lavie C, Church T, Milani R et al  
**Impact of Physical Activity, Cardiorespiratory Fitness, and Exercise Training on Markers of Inflammation**

Journal of Cardiopulmonary Rehabilitation & Prevention 2011; 31(3):137-145

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Litterini A, Jette D  
**Exercise for Managing Cancer-Related Fatigue**

Physical Therapy 2011; 91:301-304

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McMorrow RCN, Windsor JS, Mythen MG et al, and the Caudwell Xtreme Everest Research Group

**A Novel Ambulatory Closed Circuit Breathing System for Use During Exercise**

Anaesthesia 2011; 66:348–353

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Scrivener K, Sherrington C, Schurr K et al  
**Many Participants in Inpatient Rehabilitation Can Quantify Their Exercise Dosage Accurately: An Observational Study**

Journal of Physiotherapy 2011; 57(2):117-22

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## **H1N1**

Bergman H, Livornese L, Sambhara S et al  
**Patients Hospitalized with pH1N1 Influenza in an Academic Community Medical Center**

Open Respiratory Medicine Journal 2011; 5:19-23

[Abstract](#)

Nair P, Davies A, Beca J et al  
**Extracorporeal Membrane Oxygenation for Severe ARDS in Pregnant and Postpartum Women During the 2009 H1N1 Pandemic**

Intensive Care Medicine 2011; 37(4):648-654

[Abstract](#)

Nin N, Soto L, Hurtado J et al  
**Clinical Characteristics and Outcomes of Patients with 2009 Influenza A(H1N1) Virus Infection with Respiratory Failure Requiring Mechanical Ventilation**

Journal of Critical Care 2011; 26(2):186-192

[Abstract](#)

## **Inspiratory Muscle Training**

Ambrosino N

**The Case for Inspiratory Muscle Training in COPD**

European Respiratory Journal 2011; 37:233-235

[Abstract](#)

Enwright S, and Unnithan V  
**Effect of Inspiratory Muscle Training Intensities on Pulmonary Function and Work Capacity in People who are Healthy: A Randomised Controlled Trial**

Physical Therapy 2011; 91:894-905

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Gosselink R, De Vos J, van den Heuvel SP et al

**Impact of Inspiratory Muscle Training in Patients with COPD: What is the Evidence?**

European Respiratory Journal 2011; 37:416–425

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Polkey M, Moxham J and Green M

**The Case Against Inspiratory Muscle Training in COPD**

European Respiratory Journal 2011; 37:236-237

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## Lung Disease

### Asthma

Bolman C, Arwert T, Völlink T  
**Adherence to Prophylactic Asthma Medication: Habit Strength and Cognitions**  
Heart and Lung 2011; 40(1):63-75  
[Abstract](#)

Cowl CT  
**Occupational Asthma: Review of Assessment, Treatment, and Compensation**  
Chest 2011; 139(3):674-81  
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Dolovich M, Dhand R  
**Aerosol Drug Delivery: Developments in Device Design and Clinical Use**  
The Lancet 2011; 377(9770):1032-1045  
[Abstract](#)

Farah CS, Kermodé JA, Downie SR et al  
**Obesity is a Determinant of Asthma Control, Independent of Inflammation and Lung Mechanics**  
Chest 2011; 1epub Mar  
[Abstract](#)

Foschino Barbaro MP, Lacedonia D, Palladino GP et al  
**Dyspnea Perception in Asthma: Role of Airways Inflammation, Age and Emotional Status**  
Respiratory Medicine 2011; 105(2):195-203  
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Grainge CL, Lau LCK, Ward JA et al  
**Effect of Bronchoconstriction on Airway Remodelling in Asthma**  
New England Journal of Medicine 2011; 364: 2006-2015  
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