Welcome to the Respiratory Review for July to December 2012. The ACPRC would like to thank reviewers for their ongoing commitment to this publication.

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Heart and Lung  
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Journal of ACPRC  
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Journal of Critical Care  
Journal of Cystic Fibrosis  
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 Critical Care Medicine  
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Cardiovascular Disease


Cardiac Rehabilitation


Heart Failure


Abstract

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**Critical Care**

**Acute Lung Injury and ARDS**

Abstract

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**Airway**

Abstract

**Critical Care Rehabilitation**

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Abstract
Improving Post–Intensive Care Unit Neuropsychiatric Outcomes
Understanding Cognitive Effects of Physical Activity.
Abstract

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Neuromuscular electrical stimulation for intensive care unit–acquired weakness: protocol and methodological implications for a randomised, sham-controlled, phase II trial.
Physical Therapy, 92, 1564-1579.
Abstract

Global muscle strength but not grip strength predicts mortality and length of stay in a general population in a surgical intensive care unit.
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Abstract

Intensive care unit–acquired weakness: Implications for physical therapist management.
Physical Therapy, 92, 1494-1506.
Abstract

Rehabilitation for people with critical illness: Taking the next steps.
Physical Therapy, 92, 1484-1488.
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Exploring the capacity to ambulate after a period of prolonged mechanical ventilation.
J Crit Care, 27, 542-548.
Abstract

ECMO/ ECCOR

Assessment of regional lung mechanics with electrical impedance tomography can determine the requirement for ECMO in patients with severe ARDS.
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Abstract

KLUGE, S. 2012.
Avoiding invasive mechanical ventilation by extracorporeal carbon dioxide removal in patients failing noninvasive ventilation.
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General Critical Care

End-expiratory lung volume recovers more slowly after closed endotracheal suctioning than after open suctioning: a randomized crossover study.
J Crit Care, 27, 742 e1-7.
Abstract

The effect of body position changes on stroke volume variation in 66 mechanically ventilated patients with sepsis.
J Crit Care, 27 (4), 416.e7-416.e12
Abstract

Changes in heart rate, mean arterial pressure, and oxygen saturation after open and closed endotracheal suctioning: a prospective observational study.
J Crit Care, 27, 647-54.
Abstract

Feasibility of Discharge Planning in Intensive Care Units: A Pilot Study.
American Journal of Critical Care, 21(4), e94-e101
Abstract


**Ventilation**


Ventilator Acquired Pneumonia


Weaning


Dyspnoea


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Exercise Physiology, Exercise Testing and Physical Activity


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Use of the pre-operative shuttle walk test to predict morbidity and mortality after elective major colorectal surgery. *Anaesthesia*, 67, 839 – 849. Abstract


**Lung Disease**

**Asthma**


Inspiratory airflow limitation after exercise challenge in cold air in asthmatic children.
Respiratory medicine 106 (10), 1362-1368.
Abstract

Association between asthma medications and suicidal ideation in adult asthmatics.
Respiratory medicine 106 (7), 933-941.
Abstract

Respiratory movement and pain thresholds in airway environmental sensitivity, asthma and COPD.
Respiratory medicine 106(7): 1006-1013.
Abstract

Tiotropium in Asthma Poorly Controlled with Standard Combination Therapy.
New England Journal of Medicine, 367, 1198-1207.
Abstract

Dilatation of the Constricted Human Airway by Tidal Expansion of Lung Parenchyma.
Abstract

The Utility of Fractional Exhaled Nitric Oxide Suppression in the Identification of Nonadherence in Difficult Asthma
Abstract

Efficacy of interventions to improve adherence to inhaled corticosteroids in adult asthmatics: Impact of using components of the chronic care model.
Respiratory medicine 106 (9), 1211-1225.
Abstract

Risk of new onset diabetes mellitus in patients with asthma or COPD taking inhaled corticosteroids.
Respiratory medicine 106(11), 1487-1493.
Abstract

Bronchiectasis

Short- and Long-Term Antibiotic Treatment Reduces Airway and Systemic Inflammation in Non–Cystic Fibrosis Bronchiectasis
Abstract

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Cystic fibrosis, primary ciliary dyskinesia and non-cystic fibrosis bronchiectasis: update 2008-11.
Thorax, 67(7), 645-649.
Abstract

Systemic comorbidities in bronchiectasis.
Chronic Respiratory Disease, 9, 231-238.
Abstract

A pilot study of pulmonary rehabilitation and chest physiotherapy versus chest physiotherapy alone in bronchiectasis.
Respiratory medicine 106(12): 1647-1654.
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Chest, 142(1), 159-167.
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COPD


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*Respiratory medicine*, 106(11), 1535-1543. Abstract


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Cystic Fibrosis (Paediatrics and Adults)

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**Interstitial Lung Disease**

Pulmonary Rehabilitation, exercise & activity

Longitudinal Changes in Directly Measured Physical Activity in Patients with Chronic Obstructive Pulmonary Disease: The trajectory of change.


Abstract

Low intensity, long-term outpatient rehabilitation in COPD: a randomised controlled trial.

Respiratory Research, 13 (86).

Abstract

Ventilatory and Cardiocirculatory Exercise Profiles in COPD: The Role of Pulmonary Hypertension.

Chest, 142(5), 1166-1174.

Abstract

Optimizing the 6-Min Walk Test as a Measure of Exercise Capacity in COPD.

Chest, 142(6), 1545-1552.

Abstract

Effectiveness of low-intensity aquatic exercise on COPD: A randomized clinical trial.

Respiratory medicine, 106(11), 1535-1543.

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Short term and long term effects of pulmonary rehabilitation on physical activity in COPD.

Respiratory medicine, 106(12), 1671-1679.

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**Spinal cord injury**

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*Respiratory Research*, 13 (65).
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Noninvasive Ventilation in Acute Hypercapnic Respiratory Failure Caused by Obesity Hypoventilation Syndrome and Chronic Obstructive Pulmonary Disease.
Abstract

The effect of acute non-invasive ventilation on corticospinal pathways to the respiratory muscles in chronic obstructive pulmonary disease.
*Respiratory Physiology & Neurobiology*, 183, 41-47.
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High pressure versus high intensity noninvasive ventilation in stable hypercapnic chronic obstructive pulmonary disease: a randomized crossover trial.
Abstract

Volume targeted versus pressure support non-invasive ventilation in patients with super obesity and chronic respiratory failure: a randomised controlled trial.
*Thorax*, 67(8), 727-734.
Abstract

Neurally adjusted ventilatory assist (NAVA) improves patient-ventilator interaction during non-invasive ventilation delivered by face mask.
Abstract

Non-invasive ventilation in immunosuppressed patients with pneumonia and extrapulmonary sepsis.
*Respiratory Medicine*, 106(11), 1509-1516.
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Target volume settings for home mechanical ventilation: great progress or just a gadget?
*Thorax*, 67(8), 663-665.
Abstract

Obstructive Sleep Apnoea & Obesity Hypoventilation

Impact of CPAP interface and mandibular advancement device on upper airway mechanical properties assessed with phrenic nerve stimulation in sleep apnea patients.
Abstract

Sleep apnoea attenuates the effects of a lifestyle intervention programme in men with visceral obesity.
*Thorax*, 67(8), 735-741.
Abstract


### Oxygen


### Paediatrics (non-CF)


Neonatal care


Physiology


Respiratory Physiotherapy


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Cardiorespiratory Physiotherapy Education

Smoking Cessation

Smoking cessation and the risk of hospitalization for pneumonia.
*Respiratory medicine*, 106(7), 1055-1062.
Abstract

Impact of smoking cessation on the risk of subarachnoid haemorrhage: a nationwide multicentre case control study.
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Surgery

Cardiothoracic Surgery

Risk factors of postoperative nosocomial pneumonia after resection of bronchogenic carcinoma.
*Respiratory medicine*, 106(10), 1463-1471.
Abstract

Complete Unilateral vs Partial Bilateral Endoscopic Lung Volume Reduction in Patients With Bilateral Lung Emphysema.
*Chest*, 142(4), 900-908.
Abstract

Incentive spirometry for preventing pulmonary complications after coronary artery bypass graft.
*Cochrane Database of Systematic Reviews*, 9.
Abstract

HULZEBOS, E. SMIT, Y. HELDERS, P. & VAN MEETEREN, N. 2012
Preoperative physical therapy for elective cardiac surgery patients.
*Cochrane Database of Systematic Reviews*, 11.
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Weight Gain after Lung Reduction Surgery Is Related to Improved Lung Function and Ventilatory Efficiency.
Abstract

Bronchoscopic Lung Volume Reduction Coil Treatment of Patients With Severe Heterogeneous Emphysema.
*Chest*, 142(3), 574-582.
Abstract

WHITSITT, D. 2012.
Coping strategies and adaptation to coronary artery bypass surgery as experienced by three couples.
*Heart and Lung*, 41(4), 350-359.
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An Evidence and Consensus Opinion Based Approach to support the selective use of incentive spirometry following elective cardiac surgery; considerations for practice.
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General Surgery

Major respiratory adverse events after laparoscopic gastric banding surgery for morbid obesity.
*Respiratory medicine*, 106(8), 1192-1198.
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Long-Term Comparison of Endovascular and Open Repair of Abdominal Aortic Aneurysm.
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**Miscellaneous**

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