Respiratory Review
2008

ACPRC
Welcome to the 2008 Respiratory Review.
I would like to take this opportunity to thank the reviewers for their hard work, as without them there would be no review.

It is now bigger and better than before, with a total of 30 journals that have been reviewed. I hope you find this edition useful and I welcome any comments for next year’s edition.

Ann Owen
Respiratory Review Editor

Journals and Reviewers
Ann Owen (AO)
Brenda O’Neil (BO’N)
Claire Bradley (CB)
Claire Hine (CH)
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American Journal of Critical Care (CB)
American Journal of Respiratory and Critical Care Medicine (LMcD)
Anaesthesia (CL)
Anaesthesia and Analgesia (RS)
Archives of Physical Medicine and Rehabilitation (BO’N)
Australian Journal of Physiotherapy (LF)
BMJ (LF)
British Journal of Anaesthesia (NG)
Chest (LF)
Cochrane (RG)
Critical Care Medicine (MN)
European Respiratory Journal (MN)
Heart and Lung (CH)
Intensive Care Medicine (RS)
Journal of ACPRC (AO)
Journal of Advanced Nursing (JT)
Journal of American Medical Association (LF)
Journal of Cardiopulmonary Rehabilitation (CH)
Journal of Critical Care (CB)
Lancet (RS)
New England Journal of Medicine (AO)
New Zealand Journal of Physiotherapy (JP)
Physical Therapy Reviews (BO’N)
Physiotherapy (CB)
Physiotherapy Canada (FM)
Physiotherapy Research International (RG)
Physiotherapy Theory and Practice (MN)
Respiration (CL)
Respiratory Medicine (PV)
Thorax (PV)
Acute Lung Injury and ARDS

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The effect of prone positioning in acute respiratory distress syndrome or acute lung injury: a meta-analysis. Areas of uncertainty and recommendations for research
Intensive Care Medicine 2008; 34(6): 1002-1011

Alsaghir AH, Martin CM
Effect of prone positioning in patients with acute respiratory distress syndrome: A meta-analysis
Critical Care Medicine 2008; 36(2): 603-609

Åström E, Uttman L, Niklason L, Aboab J, Brochard L, Jonson B
Pattern of inspiratory gas delivery affects CO₂ elimination in health and after acute lung injury
Intensive Care Medicine 2008; 34(2): 377-384

Calzia E, Radermacher P, Pelosi P
Preserved spontaneous breathing in acute lung injury: show me the money?
Intensive Care Medicine 2008; 34(3): 397-399

Effects of a clinical trial on mechanical ventilation practices in patients with acute lung injury.

Cressoni M, Caironi P, Polli F et al.
Anatomical and functional intrapulmonary shunt in acute respiratory distress syndrome
Critical Care Medicine 2008; 36(3): 669-675

Demory D, Arnal J, Wysocki M, Donati S, Granier I, Corno G, Durand-Gasselin J
Recruitability of the lung estimated by the pressure volume curve hysteresis in ARDS patients

Dos Santos C
Advances in mechanisms of repair and remodelling in acute lung injury
Intensive Care Medicine 2008; 34(4): 619-630

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Recruitment maneuvers for acute lung injury: A systematic review.

Prone positioning in acute respiratory distress syndrome: a multicenter randomized clinical trial
Intensive Care Medicine 2008; 34(8): 1487-1491

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Intensive Care Medicine 2008; 34(4): 589-591

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Propagation prevention: A complementary mechanism for “lung protective” ventilation in acute respiratory distress syndrome
Critical Care Medicine 2008; 36(12): 3252-3258

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Intensive Care Medicine 2008; 34(1): 61-69

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BMJ 2008; (336): 7651: 1006-1009

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Acute respiratory distress syndrome 40 years later:
Time to revisit its definition
Critical Care Medicine 2008; 36(10): 2912-2921

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Excessive tidal volume from breath stacking during lung-protective ventilation for acute lung injury
Critical Care Medicine 2008; 36(11): 3019-3023

Riva DR, Oliveira MBG, Rzezinski AF et al.
Recruitment maneuver in pulmonary and extrapulmonary experimental acute lung injury
Critical Care Medicine 2008; 36(6): 1900-1908

FDG-PET in patients at risk for acute respiratory distress syndrome: a preliminary report
Intensive Care Medicine 2008; 34(12): 2273-2278

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Prone positioning for acute respiratory distress syndrome (ARDS): A review of the literature.

Airway Management

Chang LY, Wang K, Chao YF
Influence of Physical Restraint on Unplanned Extubation of Adult Intensive Care Patients: A Case-Control Study

Curry K, Cobb S, Kutash M, Diggs C
Characteristics Associated With Unplanned Extubations in a Surgical Intensive Care Unit

Kuduvalli P M, Jervis A, Tighe S & Robin N M
Unanticipated difficult airway management in anaesthetised patients: a prospective study of the effect of mannequin training on management strategies and skill retention
Anaesthesia 2008; 63 (4): 364

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Critical Care Medicine 2008; 36(7): 2163-2173

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Intensive Care Medicine 2008; 34(2): 355-360

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Anaesthesia 2008; 63 (1): 82

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Bateman E, Hurd S, Barnes P et al.
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European Respiratory Journal 2008; 31: 143-178

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Respiratory Medicine 2008; 102(5): 726-732

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Sputum Eosinophils and the Response of Exercise-Induced Bronchoconstriction to Corticosteroid in Asthma
Chest February 2008; 133(2):404-411

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Weight loss and asthma: a systematic review

Guerra S, Sherrill D, Kurzius-Spencer M, Venker C, Halonen M, Quan S, Martinez F
The course of persistent airflow limitation in subjects with and without asthma
Respiratory Medicine 2008; 102(10): 1473-1482

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JAMA: Journal of the American Medical Association, 2008; 300 (1): 32-32

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Chest April 2008; 133(4):989-998

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Respiratory Medicine 2008; 102(12): 1681-1693

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Thorax 2008; 63: 453-462

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Portable Exhaled Nitric Oxide as a Screening Tool for Asthma in Young Adults During Pollen Season
Chest April 2008; 133(4):906-913

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Respiration 2008; 75: 158-162

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Obesity and Asthma
Chest August 2008; 134(2):317-323

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Patient-Reported and Physician-Reported Depressive Conditions in Relation to Asthma Severity and Control
Chest May 2008; 133(5):1142-1148
Mason N, Roberts N, Yard N, Partridge M
**Nebulisers or spacers for the administration of bronchodilators to those with asthma attending emergency departments?**
*Respiratory Medicine* 2008; 102(7): 993-998

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**Effectiveness of omalizumab (Xolair®) in the first patients treated in real-life practice in France**
*Respiratory Medicine* 2008; 102(1): 71-76

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**Update in asthma 2007.**

**Can lay people deliver asthma self-management education as effectively as primary care based practice nurses?**
*Thorax* 2008; 63: 778-783

Schneider A, Löwe B, Meyer F, Biessecker K, Joos S, Szecsenyi J
**Depression and panic disorder as predictors of health outcomes for patients with asthma in primary care**

Sears M, Boulet LP, Laviolette M et al.
**Budesonide/formoterol maintenance and reliever therapy: impact on airway inflammation in asthma**
*European Respiratory Journal* 2008; 31: 982-989

**Rhinitis and onset of asthma: a longitudinal population-based study**
*The Lancet* 2008; 372(9643): 1049-1057

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**Obesity and the lung: 4 · Obesity and asthma**
*Thorax* 2008; 63: 1018-1023

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**Standard versus patient-centred asthma education in the emergency department: a randomised study**
*European Respiratory Journal* 2008; 31: 990-997

**Management of asthma based on exhaled nitric oxide in addition to guideline-based treatment for inner-city adolescents and young adults: a randomised controlled trial**
*The Lancet* 2008; 372(9643): 1065-1072

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**Is Airway Smooth Muscle the “Missing Link” Modulating Airway Inflammation in Asthma?**
*Chest January* 2008; 133(1):236-242

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Right and Left Ventricular Function and Pulmonary Artery Pressure in Patients With Bronchiectasis
Chest February 2008; 133(2):468-473

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Exacerbations in cystic fibrosis: 4 · Non-cystic fibrosis bronchiectasis
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Current Australian and New Zealand physiotherapy practice in the management of patients with bronchiectasis and chronic obstructive pulmonary disease

Improvement in health status following bronchopulmonary hygiene physical therapy in patients with bronchiectasis
Respiratory Medicine 2008; 102(8): 1140-1144

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Chest October 2008; 134(4):815-823

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Physical and Transport Properties of Sputum From Children With Idiopathic Bronchiectasis
Chest December 2008; 134(6):1129-1134

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Exercise based cardiac rehabilitation for very old patients (>=75 years): Focus on physical education

Outpatients Cardiac rehabilitation attendance in England: Variability by region and clinical characteristics
Journal of cardiopulmonary rehabilitation and prevention, 2008; 28 (6): 386-391

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Journal of cardiopulmonary rehabilitation and prevention, 2008; 28 (4): 238-245

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Journal of cardiopulmonary rehabilitation and prevention, 2008; 28 (6): 358-369

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Physiotherapy 2008; 94 (4): 281-285
Oxygenation and static compliance is improved immediately after early manual hyperinflation following myocardial revascularisation: a randomised controlled trial
Australian Journal of Physiotherapy 2008; 54 (3): 173

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Biomarkers in Heart Failure
New England Journal of Medicine 358 (20): 2148-2159

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Australian Journal of Physiotherapy 2008; 54 (2): 87

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Journal of cardiopulmonary rehabilitation and prevention, 2008; 28 (1): 12-16

The effect of long term (beta)-Adrenergic receptor blockade on the oxygen delivery and extraction relationship in patients with coronary artery disease.
Journal of cardiopulmonary rehabilitation and prevention, 2008; 28 (3): 189-194

Drug-Eluting Stents vs. Coronary-Artery Bypass Grafting in Multivessel Coronary Disease

Predictors and Effect of Physical Symptom Status on Health-Related Quality of Life in Patients With Heart Failure

Short sleep duration and incident coronary artery calcification.
JAMA: Journal of the American Medical Association, 2008; 300 (25): 2859-2866

Effects of respiratory muscle training on autonomic activity, endothelial vasodilator function, and N-terminal pro-brain natriuretic peptide levels in chronic heart failure
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JAMA: Journal of the American Medical Association 2008 (299) 21: 2533-2542

Cardiac Troponin and Outcome in Acute Heart Failure
New England Journal of Medicine 358 (20): 2117-2126

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Continuous positive airway pressure vs. proportional assist ventilation for noninvasive ventilation in acute cardiogenic pulmonary edema

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Relationships between fatigue and early postoperative recovery outcomes over time in elderly patients undergoing coronary artery bypass graft surgery
Heart & Lung, 2008; 37 (4): 245-256

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Pulmonary Effects of Noninvasive Ventilation Combined with the Recruitment Maneuver After Cardiac Surgery

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Respiration 2008; 75: 374-379

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Chest April 2008; 133(4):845-852

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Australian Journal of Physiotherapy 2008; 54 (2): 119

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Determinants of the survival benefit of lung transplantation in patients with chronic obstructive pulmonary disease.

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Physiotherapy Canada 2008; 60 (1): 80-91.

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COPD

Counting, analysing and reporting exacerbations of COPD in randomised controlled trials
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Respiration 2008; 75:136-137

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Thorax 2008; 63: 201-207

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Drugs (including oxygen) in severe COPD
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Chest December 2008 134 (6):1278-1286

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Thorax 2008; 63: 831-838

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Thorax 2008; 63: 768-774

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European Respiratory Journal 2008; 31: 751-758

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Chest October 2008; 134(4):746-752

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Chest June 2008; 133(6):1451-1462

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Journal of Advanced Nursing, 2008 Dec; 64 (6): 595-604

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Respiratory Medicine 2008; 102(4): 512-518

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**Palliative and end-of-life care for patients with severe COPD**
*European Respiratory Journal 2008; 32: 796-803*


**Similarity and differences in elderly patients with fixed airflow obstruction by asthma and by chronic obstructive pulmonary disease**
*Respiratory Medicine 2008; 102(2): 232-238*

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*Chest February 2008 133 (2):370-376*

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**Use of β blockers and the risk of death in hospitalised patients with acute exacerbations of COPD**
*Thorax 2008; 63: 301-305*

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**Exercise in severe COPD: Is walking different from stair-climbing?**
*Respiratory Medicine 2008; 102(6): 912-918*

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*JAMA: Journal of the American Medical Association 2008; 300 (20): 2407-2416*


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*Thorax 2008; 63: 1052-1057*

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*Journal of the Association of Chartered Physiotherapists in Respiratory Care 40: 31-43.*

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*Journal of Advanced Nursing, 2008 May; 62 (4): 470-8*


**Short-course antibiotic treatment in acute exacerbations of chronic bronchitis and COPD: a meta-analysis of double-blind studies**
*Thorax 2008; 63: 415-422*

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**Complex chronic comorbidities of COPD**
*European Respiratory Journal 2008; 31: 204-212*
Franssen F, O’Donnell D, Goossens G, Blaak E, Schols A
Obesity and the lung: 5 · Obesity and COPD
Thorax 2008; 63: 1110-1117

García Rodríguez LA et al,
Relationship Between Gastroesophageal Reflux Disease and COPD in UK Primary Care
Chest December 2008; 134(6):1223-1230

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Inspiratory muscle training in adults with chronic obstructive pulmonary disease: An update of a systematic review
Respiratory Medicine 2008; 102(12): 1715-1729

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Respiratory Medicine 2008; 102(2): 189-197

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Living with chronic obstructive pulmonary disease: developing conscious body management in a shrinking life-world
Journal of Advanced Nursing, 2008 Dec; 64 (6): 605-14

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Community care for COPD: the good, the bad and the ugly
Thorax 2008; 63: 187-189

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Anxiety and depression in end-stage COPD
European Respiratory Journal 2008; 31: 667-677

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Daily Utility and Satisfaction With Rollators Among Persons With Chronic Obstructive Pulmonary Disease
Archives of Physical Medicine and Rehabilitation 2008; 89(6): 1108-1113

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Chest July 2008; 134(1):38-45

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Chest April 2008; 133(4):920-926

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A one-year prospective study of infectious etiology in patients hospitalized with acute exacerbations of COPD and concomitant pneumonia
*Respiratory Medicine* 2008; 102(8): 1109-1116

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*Underreporting exacerbations of chronic obstructive pulmonary disease in a longitudinal cohort.*

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*Current Australian and New Zealand physiotherapy practice in the management of patients with bronchiectasis and chronic obstructive pulmonary disease*

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*European Respiratory Journal* 2008; 32: 651-659

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*Chest* February 2008; 133(2):337-339

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*Respiratory Medicine* 2008; 102(1): 50-56

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*Different physical therapy interventions on daily physical activities in chronic obstructive pulmonary disease*
*Respiratory Medicine* 2008; 102(4): 505-511

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*Physiological responses to high intensity, constant-load arm exercise in COPD*
*Respiratory Medicine* 2008; 102(3): 348-353

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Peripheral muscle alterations in non COPD Smokers
Chest Jan 2008; 133 (1): 13-18

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Thorax 2008; 63: 663-664

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Thorax 2008; 63: 962-967

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Journal of cardiopulmonary rehabilitation and prevention, 2008; 28 (2): 128-141

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Are Patients With COPD More Active After Pulmonary Rehabilitation?
Chest August 2008; 134(2):273-280

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Archives of Physical Medicine and Rehabilitation 2008; 89(6): 1103-1107

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Relationship between depression and exacerbations in COPD
European Respiratory Journal 2008; 32: 53-60

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Comparison of a Combination of Tiotropium Plus Formoterol to Salmeterol Plus Fluticasone in Moderate COPD
Chest August 2008; 134(2):255-262
Rodrigo G,
Safety of Long-Acting β-Agonists in Stable COPD
Chest May 2008; 133(5):1079-1087

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Patterns of Domestic Activity and Ambulatory Oxygen Usage in COPD
Chest October 2008; 134(4):753-760

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Respiratory Medicine 2008; 102(8): 1148-1152

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Chest March 2008; 133(3):767-77

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Chest May 2008; 133(5):1057-1058

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Chest July 2008; 134(1):14-19

Sin D, Reid W
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Thorax 2008; 63: 95-96

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Superiority of "triple" therapy with salmeterol/fluticasone propionate and tiotropium bromide versus individual components in moderate to severe COPD
Thorax 2008; 63: 592-598

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