



ACPRC

**Respiratory
Review**

2009

EDITORIAL

Welcome to the 2009 Respiratory Review.

I would like to take this opportunity to thank the reviewers for their contributions.

The Review, which this year incorporates 31 journals, will also be available on the ACPRC website from July 2010.

Please note that these articles have been selected from a broad range of journals relevant to respiratory physiotherapy and the quality of the articles has not been assessed. We recommend critical appraisal before considering any recommendations for clinical practice.

We will shortly be emailing a brief questionnaire to all members. We encourage you to take this opportunity to provide feedback on the Review so we may ensure we are meeting member needs.

Lauren Hogg

RESPIRATORY REVIEW EDITOR

Reviewers and Journals

Amy Rees (AR)
Ann Banks (AB)
Brenda O'Neil (BO'N)
Bronwen Connolly (BC)
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Claire Hine (CH)
Fidelma Moran (FM)
Helene Bellas (HB)
Jane Toms (JT)
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Kim Allen (KA)
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Lynn McDonnell (LMcD)
Margot Skinner (MS)
May Nel (MN)
Nicki Garner (NG)
Pamela Vaughn (PV)
Rachel Garrod (RG)
Rosalie Bennett (RB)

American Journal of Critical Care (CB)
American Journal of Respiratory and Critical Care Medicine (LMcD)
Anaesthesia (RB)
Anaesthesia and Analgesia (RB)
Archives of Physical Medicine and Rehabilitation (BO'N)
Australian Journal of Physiotherapy (HB)
BMJ (LF)
British Journal of Anaesthesia (NG)
Chest (LF)
Cochrane Reviews (RG)
Critical Care Medicine (MN)
European Respiratory Journal (MN)
Heart and Lung (CH)
Intensive Care Medicine (KA)
Journal of ACPRC (AB)
Journal of Advanced Nursing (JT)
Journal of American Medical Association (AR)
Journal of Cardiopulmonary Rehabilitation and Prevention (CH)
Journal of Critical Care (CB)
Journal of Rehabilitation Medicine (BC)
Lancet (BC)
New England Journal of Medicine (AB)
New Zealand Journal of Physiotherapy (JP & MS)
Physical Therapy Reviews (BO'N)
Physiotherapy (CB)
Physiotherapy Canada (FM)
Physiotherapy Research International (RG)
Physiotherapy theory and practice (MN)
Respiration (HB)
Respiratory Medicine (PV)
Thorax (PV)

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* *Encompasses all articles pertaining to this topic regardless of clinical area*

Assessment and Imaging

Andrade J, Aymong E

Pneumopericardium and Pneumothorax

New England Journal of Medicine 2009; 361(5): 510

Hyatt R, Cowl C, Bjoraker J, Scanlon P

Conditions associated with an abnormal nonspecific pattern of pulmonary function tests

Chest 2009; 135(2): 419-24

Infante M, Lutman RF, Imparato S, et al

Differential diagnosis and management of focal ground-glass opacities

European Respiratory Journal 2009; 33: 821-827

Inoue H, Yamauchi K, Kobayashi H, Shikanai T, Nakamura Y, Satoh J, Kohno N, Mishima M, Sasaki H, Hildebrandt J
A new breath-holding test may noninvasively reveal early lung abnormalities caused by smoking and/or obesity

Chest 2009; 136(2): 545-53

Lange N, Mulholland M, Kreider M

Spirometry: don't blow it!

Chest 2009; 136(2): 608-14

Wong CL, Holroyd-Leduc J, Strans SE

Does this patient have a pleural effusion?

The Journal of the American Medical Association 2009; 301(3): 309-317

Burns

Klinge K, Chamberlain DJ, Redden M, King L

Psychological adjustments made by postburn injury patients: an integrative literature review

Journal of Advanced Nursing 2009; 65(11): 2274-2292

Latenser B

Critical care of the burn patient: The first 48 hours

Critical Care Medicine 2009; 37(10): 2819-2826

Cardiac Disease

Cardiac Rehabilitation

Beckie T, Mendonca M, Fletcher G, Schocken D, Evans M, Banks S

Examining the Challenges of Recruiting Women into a Cardiac Rehabilitation Clinical Trial

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(1): 13-21

Blanchard C, Reid R, Morrin L, McDonnell L, McGannon K, Rhodes R, Spence J, Edwards N

Does Protection Motivation Theory Explain Exercise Intentions and Behavior During Home-Based Cardiac Rehabilitation?

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(3): 188-192

Butler L, Furber S, Phongsavan P, Mark A, Bauman A
Effects of a Pedometer-Based Intervention on Physical Activity Levels After Cardiac Rehabilitation: A RANDOMIZED CONTROLLED TRIAL

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(2): 105-114

Dunn S, Stommel M, Corser W, Holmes-Rovner M
Hopelessness and its Effect on Cardiac Rehabilitation Exercise Participation Following Hospitalization for Acute Coronary Syndrome

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(1): 32-39

Goud R, de Keizer NF, ter Riet G, Wyatt JC, Hasman A, Hellemans IM, Peek N

Effect of guideline based computerised decision support on decision making of multidisciplinary teams: cluster randomised trial in cardiac rehabilitation

BMJ 2009; Apr 27; 338: b1440

Neves A, Alves A, Ribeiro F, Gomes J, Oliveira J

The Effect of Cardiac Rehabilitation with Relaxation Therapy on Psychological, Hemodynamic, and Hospital Admission Outcome Variables

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(5): 304-309

Palevo G, Keteyian S, Kang M, Caputo J

Resistance Exercise Training Improves Heart Function and Physical Fitness in Stable Patients with Heart Failure

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(5): 294-298

Gerovasili V, Drakos S, Kravari M, Malliaras K, Karatzanos E, Dimopoulos S, Tasoulis A, Anastasiou-Nana M, Roussos C, Nanas S

Physical Exercise Improves the Peripheral Microcirculation of Patients with Chronic Heart Failure

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(6): 385-391

Roulaud M, Donal E, Raud-Raynier P, Denjean A, de Bisschop C

Does exercise have deleterious consequences for the lungs of patients with chronic heart failure?

Respiratory Medicine 2009; 103(3): 393-400

Savage P, Antkowiak M, Ades P

Failure to Improve Cardiopulmonary Fitness in Cardiac Rehabilitation

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(5): 284-291

Seneviratne C, Stone J, King K

Achieving Interprofessional Practice in Cardiac Rehabilitation

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(6): 380-384

Sharp J, Freeman C

Patterns and Predictors of Uptake and Adherence to Cardiac Rehabilitation

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(4): 241-247

Stevenson T, Riggin K, Nagelkirk P, Hargens T, Strath S, Kaminsky L

Physical Activity Habits of Cardiac Patients Participating in an Early Outpatient Rehabilitation Program

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(5): 299-303

Coronary Heart Disease

Arnold J, Goodacre S, Bath P, Price J

Information sheets for patients with acute chest pain: randomised controlled trial

BMJ 2009; Feb 26; 338: b541

Dumurgier J, Elbaz A, Ducimetière P, Tavernier B, Alpérovitch A, Tzourio C

Slow walking speed and cardiovascular death in well functioning older adults: prospective cohort study

BMJ 2009; Nov 10; 339: b4460

Fernandez R, Davidson P, Griffiths R, Juergens C, Salamonson Y

Development of a health-related lifestyle self-management intervention for patients with coronary heart disease

Heart and Lung 2009; 38(6): 491-498

Keller T, Zeller T, Peetz D, Tzikas S, et al

Sensitive Troponin I Assay in Early Diagnosis of Acute Myocardial Infarction

New England Journal of Medicine 2009; 361(9): 868-77

Kirk J, Jahoda A

The Role of Emotional Imagery and Somatosensory Amplification in Atypical Chest Pain in Patients With Angina Pectoris: A SINGLE-CASE EXPERIMENTAL DESIGN

Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(2): 121-125

Strazzullo P, D'Elia L, Kandala NB, Cappuccio FP

Salt intake, stroke, and cardiovascular disease: meta-analysis of prospective studies

BMJ 2009; Nov 24; 339: b4567

Trikalinos T, Alsheikh-Ali A, Tatsioni A, Nallamothu B, Kent D

Percutaneous coronary interventions for non-acute coronary artery disease: a quantitative 20-year synopsis and a network meta-analysis

The Lancet 2009; 373(9667): 911-918

Heart Failure

Flynn K E, Pina I L, Whellan D J, Lin C, et al

Effects of exercise training on health status in patients with chronic heart failure: HF-ACTION Randomised Controlled Trial

The Journal of the American Medical Association 2009; 301(14): 1451-1459

Krum H, Abraham WT

Heart failure

The Lancet 2009; 373 (9667): 941-955

Massimo F

Exercise tolerance measurements in pulmonary vascular diseases and chronic heart failure

Respiration 2009; 77(3): 241-251

Meyerson K, Setter Kline K

Qualitative analysis of a mutual goal-setting intervention in participants with heart failure

Heart and Lung 2009; 38(1): 1-9

O'Connor CM, Whellan DJ, Lee KL, Keteyia SJ, et al

Efficacy and safety of exercise training in patients with chronic heart failure: HF-ACTION Randomised Controlled Trial

The Journal of the American Medical Association 2009; 301(14): 1439-1450

Pecchiari M, Anagnostakos T, D'Angelo E, et al

Effect of heliox breathing on flow limitation in chronic heart failure patients

European Respiratory Journal 2009; 33: 1367-1373

Smeulders E, van Haastregt J, Janssen-Boyne J, Stoffers H, van Eijk J, Kempen G

Feasibility of a group-based self-management program among congestive heart failure patients

Heart and Lung 2009; 38(6): 499-512

Stein R, Chiappa G, Güths H, Dall'Ago P, Ribeiro J

Inspiratory Muscle Training Improves Oxygen Uptake Efficiency Slope in Patients With Chronic Heart Failure
Journal of Cardiopulmonary Rehabilitation and Prevention 2009; 29(6): 392-395

Strong AL, Gilmour JA

Representations of heart failure in internet patient information

Journal of Advanced Nursing 2009; 65 (3): 596-605

Continuing Professional Development

Buckley J, Addrizzo-Harris D, Clay A, Curtis R, Kotloff R, Lorin S, Murin S, Sessler C, Rogers P, Rosen M, Spevetz A, King T, Malhotra A, Parsons P

Multisociety Task Force Recommendations of competencies in pulmonary and critical care medicine

American Journal of Respiratory and Critical Care Medicine 2009; 180:290-295

Sirur R, Richardson J, Wishart L, Hanna S

The role of theory in increasing adherence to prescribed practice

Physiotherapy Canada 2009; 61(2): 68-77

Cough

Butler CC, Hood K, Verheij T, Little P, Melbye H, Nuttall J, Kelly J, Mölsted S, Godycki-Cwirko M, Almirall J, Torres A, Gillespie D, Rautakorpi U, Coenen S, Goossens H

Variation in antibiotic prescribing and its impact on recovery in patients with acute cough in primary care: prospective study in 13 countries

BMJ 2009; Jun 23; 338: b2242

Dettmar PW, Strugala V, Fathi H, et al

The Online Cough Clinic: developing guideline-based diagnosis and advice

European Respiratory Journal 2009; 34: 819-824

Field S, Conley D, Thawer A, Leigh R, Cowie R

Effect of the management of patients with chronic cough by pulmonologists and certified respiratory educators on quality of life: a randomized trial

Chest 2009; 136(4): 1021-8

Lee SC, Park JH, Kang SW, Kim DH, Sang HS

External Control of Exhalation for Cough Assistance: A Method for Patients with Glottis Dysfunction and/or Tracheostomy

Archives of Physical Medicine and Rehabilitation 2009; 90(8): 1402-1407

Critical Care

Acute Lung Injury and ARDS

Cox C, Docherty S, Brandon D, et al

Surviving critical illness: Acute respiratory distress syndrome as experienced by patients and their caregivers

Critical Care Medicine 2009; 37(10): 2702-2708

Honiden S, Gong M

Diabetes, insulin, and development of acute lung injury

Critical Care Medicine 2009; 37(8): 2455-2464

Hough CL, Steinberg KP, Thompson BT, Rubenfeld GD, Hudson LD

Intensive Care unit-acquired neuro-myopathy and corticosteroids in survivors of persistent ARDS

Intensive Care Medicine 2009; 35(1): 63-68

Phua J, Badia J, Adhikari N, Friedrich J, Fowler R, Singh J, Scales D, Stather D, Li A, Jones A, Gattas D, Hallett D, Tomlinson G, Stewart T, Ferguson N

Has mortality from acute respiratory distress syndrome decreased over time?: A systematic review

American Journal of Respiratory and Critical Care Medicine 2009; 179(3): 220-227

Romero CM, Cornejo RA, Gálvez LR, Llanos OP, Tobar EA, Berasáin MA, Arellano DH, Larrondo JF, Castro JS

Extended prone position ventilation in severe acute respiratory distress syndrome: A pilot feasibility study

Journal of Critical Care 2009; 24(1): 81-88

Sinclair SE, Chi E, Lin HI, Altemeier WA

Positive end-expiratory pressure alters the severity and spatial heterogeneity of ventilator-induced lung injury: An argument for cyclical airway collapse

Journal of Critical Care 2009; 24(2): 206-211

Steimback PW, Oliveira GP, Rzezinski AF, Silva PL, Garcia CSNB, Rangel G, Morales MM, Lapa e Silva JR, Capelozzi VL, Pelosi P, Rocco PRM

Effects of frequency and inspiratory plateau pressure during recruitment manoeuvres on lung and distal organs in acute lung injury

Intensive Care Medicine 2009; 35 (6): 1120-1128

Critical Care Rehabilitation

Bell L

Achieving Early Mobility in Mechanically Ventilated Patients

American Journal of Critical Care 2009; 18(3): 222

Burtin C, Clerckx B, Robbeets C, et al

Early exercise in critically ill patients enhances short-term functional recovery

Critical Care Medicine 2009; 37(9): 2499-2505

Dincer H, Erhan M

How should we deal with muscle weakness in critically ill patients?

Critical Care Medicine 2009; 37(9): 2468-2469

Hodgkin K, Nordon-Craft A, McFann K, et al

Physical therapy utilization in intensive care units: Results from a national survey

Critical Care Medicine 2009; 37(2): 561-568

Jakob SM, Takala J

Physical and occupational therapy during sedation stops

The Lancet 2009; 373(9678): 1824-1826

McWilliams DJ, Atkinson D, Carter A, Foex BA, Benington S, Conway DH
Feasibility and impact of a structured, exercise-based rehabilitation programme for intensive care survivors
Physiotherapy Theory and Practice 2009; 25(8): 566-571

Perme C, Chandrashekar R
Early Mobility and Walking Program for Patients in Intensive Care Units: Creating a Standard of Care
American Journal of Critical Care 2009; 18(3): 212-221

Schweickert WD, Pohlman MC, Pohlman AS, et al
Early physical and occupational therapy in mechanically ventilated, critically ill patients: a randomised controlled trial
The Lancet 2009; 373(9678): 1874-1882

Thomas A
Exercise intervention in the critical care unit - what is the evidence?
Physical Therapy Reviews 2009; 14(1): 50-59

Thomas A, Wright K, Mill L
The incidence of physiotherapy and rehabilitation activities within a general Intensive Care Unit
Journal of the Association of Chartered Physiotherapists in Respiratory care 2009; 41: 3-8

van der Schaaf M, Beelen A, Dongelmans DA, Vroom, MB, Nollet F
Functional status after intensive care: A challenge for rehabilitation professionals to improve outcome
Journal of Rehabilitation Medicine 2009; 41(5): 360-366

van der Schaaf M, Beelen A, Dongelmans DA, Vroom MB, Nollet F
Poor functional recovery after a critical illness: A longitudinal study
Journal of Rehabilitation Medicine 2009; 41(13): 1041-1048

Head Injury

Chang J, Youn T, Benson D et al
Physiologic and functional outcome correlates of brain tissue hypoxia in traumatic brain injury
Critical Care Medicine 2009; 37(1): 283-290

Maloney-Wilensky E, Gracias V, Itkin A, et al
Brain tissue oxygen and outcome after severe traumatic brain injury: A systematic review
Critical Care Medicine 2009; 37(6): 2057-2063

General Intensive Care

Alameddine M, Dainty KN, Deber R, Sibbald WJ
The intensive care unit work environment: Current challenges and recommendations for the future
Journal of Critical Care 2009; 24(2): 243-248

Alberda C, Gramlich L, Jones N, Jeejeebhoy K, Day AG, Dhaliwal R, Heyland DK
The relationship between nutritional intake and clinical outcomes in critically ill patients: results of an international multicenter observational study
Intensive Care Medicine 2009; 35(10): 1728-1737

Annane D, Bellissant E, Bollaert P-E, Briegel J, Confalonieri M, et al
Corticosteroids in the treatment of severe sepsis and septic shock in adults: a systematic review
The Journal of the American Medical Association 2009; 301(22): 2362-2375

Arabi YM, Alhashemi JA, Tamim HM, Esteban A, Haddad SH, Dawood A, Shirawi N, Alshimemeri AA
The impact of time to tracheostomy on mechanical ventilation duration, length of stay, and mortality in intensive care unit patients
Journal of Critical Care 2009; 24(3): 435-440

Bell L
Nursing Care and Intracranial Pressure Monitoring
American Journal of Critical Care 2009; 18(4): 338

Bradley C, Brasel K
Developing guidelines that identify patients who would benefit from palliative care services in the surgical intensive care unit
Critical Care Medicine 2009; 37(3): 946-950

Brogan TV, Thiagarajan RR, Rycus PT, Bartlett RH, Bratton SL
Extracorporeal membrane oxygenation in adults with severe respiratory failure: a multi-center database
Intensive Care Medicine 2009; 35(12): 2105-2114

Casarini K, Gorayeb R, Filho A
Coping by relatives of critical care patients
Heart and Lung 2009; 38(2): 217-227

Cuthbertson B, Rattray J, Campbell M, Gager M, Roughton S, Smith A, Hull A, Breeman S, Norrie J, Jenkinson D, Hernández R, Johnston M, Wilson E, Waldmann C
PRaCTICaL study group The PRaCTICaL study of nurse led, intensive care follow-up programmes for improving long term outcomes from critical illness: a pragmatic randomised controlled trial
BMJ 2009; Oct 16; 339: b3723

Doig GS, Heighes PT, Simpson F, Sweetman AE, Davies AR
Early enteral nutrition, provided within 24 h of injury or intensive care unit admission, significantly reduces mortality in critically ill patients: a meta-analysis of randomised controlled trials
Intensive Care Medicine 2009; 35(12): 2018-2027

Donahoe L, McDonald E, Kho ME, MacLennan M, Stratford PW, Cook DJ

Increasing Reliability of APACHE II Scores in a Medical-Surgical Intensive Care Unit: A Quality Improvement Study

American Journal of Critical Care 2009; 18(1): 58-64

Durairaj L, Mohamad Z, Launspach JL, Ashare A, Choi JY, Rajagopal S, Doern GV, Zabner J

Patterns and density of early tracheal colonization in intensive care unit patients

Journal of Critical Care 2009; 24(1): 114-121

Epstein C, Tsaras G, Amoateng-Adjepong Y, Greiner P, Manthous C

Does race affect readmission to hospital after critical illness?

Heart and Lung 2009; 38(1): 66-76

Fahy B, Sheehy A, Coursin D

Glucose control in the intensive care unit

Critical Care Medicine 2009; 37(5): 1769-1776

Figueroa-Ramos MI, Arroyo-Novoa CM, Lee KA, Padilla G, Puntillo KA

Sleep and delirium in ICU patients: a review of mechanisms and manifestations

Intensive Care Medicine 2009; 35(5): 781-795

Glenny RW

Determinants of regional ventilation and blood flow in the lung

Intensive Care Medicine 2009; 35(11): 1833-1842

Fowler R, Adhikari N, Scales D, Lee W, Rubenfeld G

Update in critical care 2008

American Journal of Respiratory and Critical Care Medicine 2009; 179: 743-758

Ho KM, Dobb GJ, Lee KY, Finn J, Knuiman M, Webb SAR

The effect of comorbidities on risk of intensive care readmission during the same hospitalization: A linked data cohort study

Journal of Critical Care 2009; 24(1): 101-107

Hutchings A, Durand MA, Grieve R, Harrison D, Rowan K, Green J, Cairns J, Black N

Evaluation of modernisation of adult critical care services in England: time series and cost effectiveness analysis

BMJ 2009; Nov 11; 339: b4353

Iltis A, Rie M, Wall A

Organ donation, patients' rights, and medical responsibilities at the end of life

Critical Care Medicine 2009; 37(1): 310-315

Jhanji S, Stirling S, Patel N, et al

The effect of increasing doses of norepinephrine on tissue oxygenation and microvascular flow in patients with septic shock

Critical Care Medicine 2009; 37(6): 1961-1966

Knowles R, Tarrier N

Evaluation of the effect of prospective patient diaries on emotional well-being in intensive care unit survivors: A randomized controlled trial

Critical Care Medicine 2009; 37(1):184-191

Kopterides P, Siempos I, Armaganidis A

Prone positioning in hypoxemic respiratory failure: Meta-analysis of randomized controlled trials

Journal of Critical Care 2009; 24(1): 89-100

Kross E, Engelberg R, Shannon S, Curtis J

Potential for response bias in family surveys about end-of-life care in the ICU

Chest 2009; 136(6): 1496-502

Latenser B

Critical care of the burn patient: The first 48 hours

Critical Care Medicine 2009; 37(10): 2819-2826

Lee JY, Park SK, Kim HJ, Hong SB, Lim CM, Koh Y

Outcome of early intensive care unit patients readmitted in the same hospitalization

Journal of Critical Care 2009; 24(2): 267-272

Linko R, Okkonen M, Pettilä V, Perttilä J, Parviainen I, Ruokonen E, Tenhunen J, Ala-Kokko T, Varpula T

Acute respiratory failure in intensive care units. FINNALL: a prospective cohort study

Intensive Care Medicine 2009; 35(8): 1352-1361

Lott J, Iwashyna T, Christie J, Asch D, Kramer A, Kahn J

Critical illness outcomes in speciality versus general intensive care units

American Journal of Respiratory and Critical Care Medicine 2009; 179: 676-683

Manojlovich M, Antonakos CL, Ronis DL

Intensive Care Units, Communication Between Nurses and Physicians, and Patients' Outcomes

American Journal of Critical Care 2009; 18(1): 21-30

Mularski R, Puntillo K, Varkey B, Erstad B, Grap M, Gilbert H, Li D, Medina J, Pasero C, Sessler C

Pain management within the palliative and end-of-life care experience in the ICU

Chest 2009; 135(5): 1360-9

Myhren H, Tøien K, Ekeberg O, Karlsson S, Sandvik L, Stokland O

Patients' memory and psychological distress after ICU stay compared with expectations of the relatives

Intensive Care Medicine 2009; 35(12): 2078-2086

Oddo M, Carrera E, Claassen J, et al

Continuous electroencephalography in the medical intensive care unit

Critical Care Medicine 2009; 37(6): 2015-2056

Olson DM, Thoyre SM, Bennett SN, Stoner JB, Graffagnino C

Effect of Mechanical Chest Percussion on Intracranial Pressure: A Pilot Study

American Journal of Critical Care 2009; 18(4): 330-335

Paratz JD, Stockton KA

Efficacy and safety of normal saline instillation: A systematic review

Physiotherapy 2009; 95(4): 241-250

Payen D, Mateo J, Cavaillon, J et al

Impact of continuous venovenous hemofiltration on organ failure during the early phase of severe sepsis: A randomized controlled trial

Critical Care Medicine 2009; 37(3): 803-810

Pisani M, Murphy TE, Araujo KLB, Slattum P, Van Ness PH, Inouye SK

Benzodiazepine and opioid use and the duration of intensive care unit delirium in an older population

Critical Care Medicine 2009; 37(1): 177-183

Polderman K and Herold

Therapeutic hypothermia and controlled normothermia in the intensive care unit: Practical considerations, side effects, and cooling methods

Critical Care Medicine 2009; 37(3): 1101-1120

Protti A, Chiumello D, Cressoni M, Carlesso E, Mietto C, Berto V, Lazzarini M, Quintel M, Gattinoni L

Relationship between gas exchange response to prone position and lung recruitability during acute respiratory failure

Intensive Care Medicine 2009; 35(6): 1011-1017

Pudas-Tähkä S, Axelin A, Aantaa R, Lund V, Salanterä S

Pain assessment tools for unconscious or sedated intensive care patients: a systematic review

Journal of Advanced Nursing 2009; 65(5): 946-956

Roberts FE

Consensus among physiotherapists in the UK on the use of normal saline instillation prior to endotracheal suction: a Delphi study

Physiotherapy Canada 2009; 61(2): 107-115

Sharshar T, Bastuji-Garin S, Stevens R, et al

Presence and severity of intensive care unit-acquired paresis at time of awakening are associated with increased intensive care unit and hospital mortality

Critical Care Medicine 2009; 37(12): 3047-3053

Silvestre J, Póvoa P, Coelho L, Almeida E, Moreira P, Fernandes A, Mealha R, Sabino H

Is C-reactive protein a good prognostic marker in septic patients?

Intensive Care Medicine 2009; 35(5): 909-913

Simpkin AL, Robertson LC, Barber VS, Young JD

Modifiable factors influencing relatives' decision to offer organ donation: systematic review

BMJ 2009; Apr 21; 338: b991

Slutsky A

Improving outcomes in critically ill patients – the seduction of physiology

The Journal of the American Medical Association 2009; 302(18): 2030-2032

Steven Z, Pantilat M D

Communicating with a seriously ill patient

The Journal of the American Medical Association 2009; 301(12): 1279-1281

Subbe C

Which COPD patients should be admitted to the ICU?

Thorax 2009; 64: 735

Taccone P, Pesenti A, Latini R, Polli F, Vagginelli F, et al

Prone positioning in patients with moderate and severe acute respiratory distress: a randomised controlled trial

The Journal of the American Medical Association 2009; 302(18): 1977-1984

Tanios MA, de Wit M, Epstein SK, Devlin JW

Perceived barriers to the use of sedation protocols and daily sedation interruption: A multidisciplinary survey

Journal of Critical Care 2009; 24(1): 66-73

Wildman MJ, Sanderson CFB, Groves J, Reeves BC, Ayres JG, Harrison D, Young D, Rowan K

Survival and quality of life for patients with COPD or asthma admitted to intensive care in a UK multicentre cohort: the COPD and Asthma Outcome Study (CAOS)

Thorax 2009; 64: 128-132

Wunsch H, Kress JP

A new era for sedation in ICU patients

The Journal of the American Medical Association 2009; 301(51): 542-544

Yin N, Kaestle S, Yin J, et al

Inhaled nitric oxide versus aerosolized iloprost for the treatment of pulmonary hypertension with left heart disease

Critical Care Medicine 2009; 37(3): 980-986

Mechanical Ventilation

Bloos F, Muller S, Harz A, Gugel M, Geil D, Egerland K, Reinhart K, Marx G

Effects of staff training on the care of mechanically ventilated patients: a prospective cohort study

British Journal of Anaesthesia 2009; 103(2): 223-227

Bradley RD

Update in sleep and control of ventilation 2008

American Journal of Respiratory and Critical Care Medicine 2009; 179: 528-532

Briggs S, Goettler CE, Schenarts PJ, Newell MA, Sagraves SG, Bard MR, Toschlog EA, Rotondo MF

High-Frequency Oscillatory Ventilation as a Rescue Therapy for Adult Trauma Patients

American Journal of Critical Care 2009; 18(2): 144-148

Cox C, Martinu T, Sathy S, et al

Expectations and outcomes of prolonged mechanical ventilation

Critical Care Medicine 2009; 37(11): 2888-2894

Craven D, Chroneou A, Zias N, Hjalmarson K

Ventilator-associated tracheobronchitis: the impact of targeted antibiotic therapy on patient outcomes

Chest 2009; 135(2): 521-8

Elkhatib M, Bou-Khalil P, Zeineldine S, Kanij N, Abi-Saad G, Jamaledine G

Metabolic and Respiratory Variables during Pressure Support Ventilation versus Synchronized Intermittent Mandatory Ventilation

Respiration 2009, 77(2): 154-159

Fanelli V, Mascia L, Puntorieri V, et al

Pulmonary atelectasis during low stretch ventilation: "Open lung" versus "lung rest" strategy

Critical Care Medicine 2009; 37(3): 1046-1053

Grap MJ

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