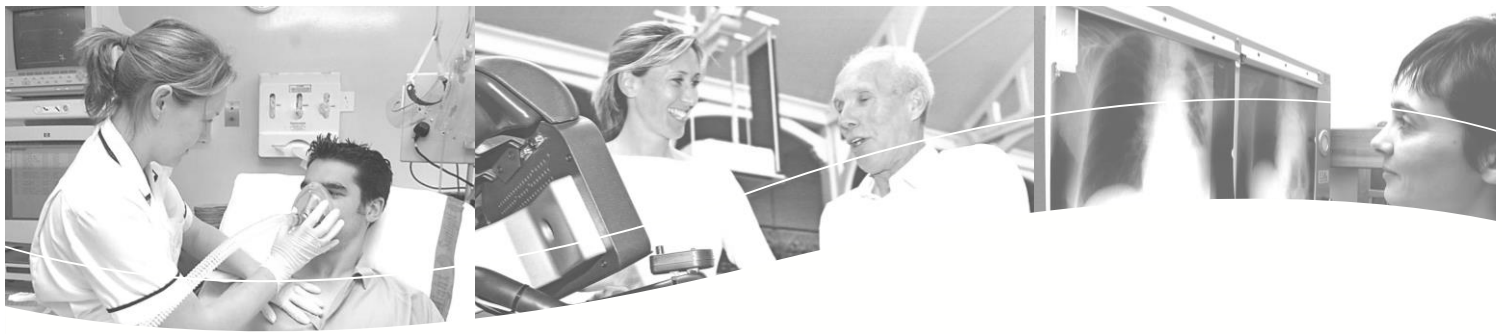


ISSUE 7 | ONLINE EDITION

ACPRC Respiratory Review

June 2015





Welcome to the Respiratory Review for January to June 2014. The ACPRC would like to thank reviewers for their ongoing commitment to this publication.

Robyn Stiger - RESPIRATORY REVIEW EDITOR
 respiratoryrevieweditor@acprc.org.uk

Journals and Reviewers

Amy Bendall
 Annie Ryan
 Carol Keen
 Cathy Sandsund
 Claire Bradley
 Caroline Falconer

Claire Hill
 Eleanor Douglas
 Ema Swingwood
 Fidelma Moran
 Frances Butler

Harriet Shannon
 Holly Bowles
 Huw Woodbridge
 Izzie Easton
 Joseph Middleton
 Kathryn Savage

Laura Hollinshead
 Lauren Miller
 Lynne Schofield
 May Nel
 Robyn Stiger
 Una Jones

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
 Chronic Respiratory Disease
 Cochrane Systematic Reviews
 Critical Care Medicine
 European Respiratory Journal
 Heart and Lung
 International Journal of Chronic Obstructive Pulmonary Disease
 Intensive Care Medicine
 Journal of Advanced Nursing
 Journal of American Medical Association
 Journal of Cardiopulmonary Rehabilitation and Prevention
 Journal of Chronic Obstructive Pulmonary Disease
 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
 Pediatric Pulmonology
 Pediatric Respiratory Reviews
 Physical Therapy
 Physical Therapy Reviews
 Physiotherapy
 Physiotherapy Canada
 Physiotherapy Research International
 Physiotherapy Theory and Practice
 Respiration
 Respiratory Care
 Respiratory Medicine
 Respiratory Physiology and Neurobiology
 Respiratory Research
 Thorax

INDEX OF TOPICS

Cardiovascular Disease	4
Cardiac Rehabilitation.....	4
Heart Failure.....	4
Critical Care	5
Acute Lung Injury and ARDS.....	5
Airway and Anaesthesia.....	6
Critical Care Rehabilitation.....	6
ECMO/ ECCOR.....	7
General Critical Care.....	7
Mechanical Ventilation.....	9
Acute Respiratory Failure.....	11
Ventilator Associated Pneumonia.....	11
Dyspnoea	11
Lung Disease	12
Asthma.....	12
Bronchiectasis and PCD.....	13
COPD.....	13
Cystic Fibrosis (Paediatrics & Adults).....	19
General Lung Disease.....	20
Interstitial Lung Disease.....	20
Lung Cancer.....	20
Pulmonary Rehabilitation, exercise & activity.....	20
Neurology	26
Neuromuscular Disorders.....	26
Spinal cord injury.....	26
NIV and CPAP	26
Obstructive Sleep Apnoea & Obesity	28
Oxygen	29
Paediatrics (non-CF)	29
Neonatal care	30
Palliative / End of life care	30
Physiology and Lung Function	30
Respiratory Physiotherapy	31
Smoking Cessation	32
Surgery	32
Pre-operative Physiotherapy & inspiratory muscle training.....	32
Cardiothoracic Surgery.....	33
Upper GI Surgery.....	33
General & Vascular Surgery.....	34
Use of technology	34
Education	34
Miscellaneous	34

Cardiovascular Disease

Cardiac Rehabilitation

BLANCHARD, C., GIACOMANTONIO, N., LYONS, R. et al. 2014.

Examining the Steps-Per-Day Trajectories of Cardiac Rehabilitation Patients: A Latent Class Growth Analysis Perspective.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(2), 106-113.

[Abstract](#)

COLL-FERNANDEZ, R., COLL, R., PASCUAL, T. et al. 2014.

Cardiac Rehabilitation and Outcome in Stable Outpatients with Recent Myocardial Infarction.

Archives of Physical Medicine and Rehabilitation, 95(2), 322-329.

[Abstract](#)

HAZELTON, G., WILLIAMS, J., WAKEFIELD, J., et al 2014.

Psychosocial Benefits of Cardiac Rehabilitation Among Women Compared With Men.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 21-28.

[Abstract](#)

KETEYIAN, S., HIBNER, B., BRONSTEEN, K. et al. 2014.

Greater Improvement in Cardiorespiratory Fitness Using Higher-Intensity Interval Training in the Standard Cardiac Rehabilitation Setting.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(2), 98-105.

[Abstract](#)

PETERSEN, A., MARIBO, T., HJORTDAL, V. & LAUSTSEN, S. 2014.

Intertester Reliability of the Talk Test in a Cardiac Rehabilitation Population.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 49-53.

[Abstract](#)

ROCA-RODRÍGUEZ, M., GARCÍA-ALMEIDA, J. M., RUIZ-NAVA, J. et al. 2014.

Impact of an Outpatient Cardiac Rehabilitation Program on Clinical and Analytical Variables in Cardiovascular Disease.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 43-48.

[Abstract](#)

RUIVO, J. 2014.

Exergames and Cardiac Rehabilitation: A Review.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 2-20.

[Abstract](#)

Heart Failure

ESQUINAS, A. & PAPADAKOS, P. 2014.

High-flow nasal cannula supportive therapy in chronic heart failure: A partial or completed "CPAP-like effect"?

The Journal of Critical Care, 29(3), 465.

[Abstract](#)

RODRIGUES, G., JONGBLOOD, L., LI, Z. & DEAN, E. 2014.

Ischaemic heart disease – related knowledge, behaviours and beliefs of Indo-Canadian and Euro-Canadians: implications for Physical Therapists.

Physiotherapy Canada, 66(2), 208 - 217.

[Abstract](#)

SILVA REIS, M., ARENA, R., ARCHIZA, B. et al. 2014.

Deep Breathing Heart Rate Variability is Associated with Inspiratory Muscle Weakness in Chronic Heart Failure.

Physiotherapy Research International, 19(7), 16-24.

[Abstract](#)

TASOULIS, A., DIMOPOULOS, S., REPASOS, E. et al. 2014.

Respiratory drive and breathing pattern abnormalities are related to exercise intolerance in chronic heart failure patients.

Respiratory Physiology & Neurobiology, 192, 90-94.

[Abstract](#)

VIEIRA, F.C., DE MELO MARINHO, P.E., BRANDAO, D.C. et al. 2014.

Respiratory Muscle Strength, the Six-Minute Walk Test and Quality of Life in Chagas Cardiomyopathy.

Physiotherapy Research International, 19(1), 16-24.

[Abstract](#)

Critical Care

Acute Lung Injury and ARDS

ADIKHARI, N., NEILL, K., DELLINGER, R. et al. 2014.

Inhaled Nitric Oxide Does Not Reduce Mortality in Patients With Acute Respiratory Distress Syndrome Regardless of Severity: Systematic Review and Meta-Analysis.

Critical Care Medicine, 42(2), 404–412.

[Abstract](#)

BEITLER, J.R., SHAEFI, S., MONTESI, S.B., et al. 2014.

Prone positioning reduces mortality from acute respiratory distress syndrome in the low tidal volume era: a meta-analysis.

Intensive Care Medicine, 40(3), 332 – 341.

[Abstract](#)

BURNHAM, E.L., JANSSEN, W.J., RICHES, D.W.H. et al. 2014.

The fibroproliferative response in acute respiratory distress syndrome: mechanisms and clinical significance.

European Respiratory Journal, 43(1), 276-285.

[Abstract](#)

CRESSONI, M., CADRINGHER, P., CHIURAZZI, C. et al. 2014.

Lung Inhomogeneity in Patients with Acute Respiratory Distress Syndrome.

American Journal of Respiratory and Critical Care Medicine, 189(2). 149-158.

[Full Text](#)

FAN, E., DOWDY, D., COLANTUONI, E. et al. 2014.

Physical Complications in Acute Lung Injury Survivors: A Two-Year Longitudinal Prospective Study.

Critical Care Medicine, 42(4), 849-859.

[Abstract](#)

GIRARD, R., BABOI, L., AYZAC, L., et al. 2014.

The impact of patient positioning on pressure ulcers in patients with severe ARDS: results from a multicenter randomized controlled trial on prone positioning.

Intensive Care Medicine, 40(3), 397 – 403.

[Abstract](#)

LEE, J., BAE, W., LEE, Y. & CHO, Y.J. 2014.

The Efficacy and Safety of Prone Positional Ventilation in Acute Respiratory Distress Syndrome: Updated Study-Level Meta-Analysis of 11 Randomized Controlled Trials.

Critical Care Medicine, 42 (5), 1252-1262.

[Abstract](#)

ROCH, A., HRAIECH, S., MASSON, E., et al. 2014.

Outcome of acute respiratory distress syndrome patients treated with extracorporeal membrane oxygenation and brought to a referral center.

Intensive Care Medicine, 40(1), 74 – 83.

[Abstract](#)

RONCHI, C. F., FERREIRA, A. L. A., CAMPOS, F. J. et al. 2014.

Interactive effects of mechanical ventilation, inhaled nitric oxide and oxidative stress in acute lung injury.

Respiratory Physiology & Neurobiology, 190, 118-123.

[Abstract](#)

TONELLI, A.R., ZEIN, J., ADAMS, J. & IOANNIDIS, J.P.A. 2014.

Effects of interventions on survival in acute respiratory distress syndrome: an umbrella review of 159 published randomized trials and 29 meta-analyses.

Intensive Care Medicine, 40(6), 769 – 787.

[Abstract](#)

TOPFER, L., MENK, M., WEBER-CAESTENS, S. et al. 2014.

Influenza A (H1N1) vs non-H1N1 ARDS: Analysis of clinical course.

The Journal of Critical Care, 29(3), 340-346.

[Abstract](#)

VRETTOU, C., ZAKYNTHINOS, S., MALACHIAS, S. & MENTZELOPOULOS, S. 2014.

The effect of high-frequency oscillatory ventilation combined with tracheal gas insufflation on extravascular lung water in patients with acute respiratory distress syndrome: A randomized, crossover, physiologic study.

The Journal of Critical Care, 29(4), 568-573.

[Abstract](#)

WANG, C.Y., CALFEE, C.S., PAUL, D.W., et al. 2014.

One-year mortality and predictors of death among hospital survivors of acute respiratory distress syndrome.

Intensive Care Medicine, 40(3), 388 – 396.

[Abstract](#)

WONG, A.H.C. 2014.

Prone positioning in severe acute respiratory distress syndrome.

Thorax, 69, 579.

[Abstract](#).

Airway and Anaesthesia

EKSTROM, M.P., BORNEFALK-HERMANSSON, A., ABERNETHY, A.P. & CURROW, D.C. 2014.

Safety of benzodiazepines and opioids in very severe respiratory disease: national prospective study.

BMJ, 348, 445.

[Abstract](#)

MIU, T., JOFFE, A.M., YANEZ, N.D. et al. 2014.

Predictors of Reintubation in Critically Ill Patients.

Respir Care, 59(2), 178-185.

[Abstract](#)

SOLE, M. & BENNETT, M. 2014.

Comparison of Airway Management Practices between Registered Nurses and Respiratory Care Practitioners.

American Journal of Critical Care, 23(3), 191-200.

[Abstract](#)

Critical Care Rehabilitation

BALAS, M., VASILEVSKIS, E., OLSEN, K. et al. 2014.

Effectiveness and Safety of the Awakening and Breathing Coordination, Delirium Monitoring/Management, and Early Exercise/Mobility Bundle.

Critical Care Medicine, 42(5), 1024-1036.

[Abstract](#)

BALDWIN, C. E. & BERSTEN, A. D. 2014. Alterations in Respiratory and Limb Muscle Strength and Size in Patients With Sepsis Who Are Mechanically Ventilated.

Physical Therapy, 94(1), 168-82.

[Abstract](#)

CHOONG, K., CHACON, M., WALKER, R. et al. 2014

Early Rehabilitation in Critically Ill Children: A Pilot Study.

Pediatric Critical Care Medicine, 15(4), 8.

[Abstract](#)

CHOONG, K., FRASER, D.J., HUTCHISON, J. et al. 2014.

Acute Rehabilitation Practices in Critically Ill Children: A Multi-Centre study.

Pediatric Critical Care Medicine, 15(4), 12–13.

[Abstract](#)

FAN, E., DOWDY, D., COLANTUONI, E. et al. 2014.

Physical Complications in Acute Lung Injury Survivors: A Two-Year Longitudinal Prospective Study.

Critical Care Medicine, 42(4), 849-859.

[Abstract](#)

HICKMANN, C.E., ROESELER, J., CASTANARES-ZAPATERO, D., et al. 2014.

Energy expenditure in the critically ill performing early physical therapy.

Intensive Care Medicine, 40(4), 548 – 555.

[Abstract](#)

HODGSON, C., NEEDHAM, D., HAINES, K. et al. 2014.

Feasibility and inter-rater reliability of the ICU Mobility Scale.

Heart and Lung, 43 (1), 19–24.

[Abstract](#)

KNESS, J. & HALL, J. 2014.

ICU-Acquired Weakness and Recovery from Critical Illness.

New England Journal of Medicine, 370, 1626-1635.

[Abstract](#)

MELHORN, J., FREYTAG, A., SCHMIDT. et al. 2014.

Rehabilitation Interventions for Post intensive Care Syndrome: A Systematic Review
Critical Care Medicine, 42 (5), 1263-1271.

[Abstract](#)

NAWA, R., LETTVIN, C., WINKELMAN, C., EVORA, P., PERME, C.

Initial interrater reliability for a novel measure of patient mobility in a cardiovascular intensive care unit.

The Journal of Critical Care, 29 (3), 474.e1-475.e5

[Abstract](#)

NYDAHL, P., RUHL, P., BARTOSZEK, G. et al. 2014.

Early Mobilization of Mechanically Ventilated Patients: A 1-Day Point-Prevalence Study in Germany

Critical Care Medicine, 42 (5), 1178-1186

[Abstract](#)

PARRY, S., BERNEY, S., WARRILLOW, S. et al. 2014.

Functional electrical stimulation with cycling in the critically ill: A pilot case-method control study.

The Journal of Critical Care, 29(4), 695.e1–695.e7.

[Abstract](#)

SEGERS, J., HERMANS, G., BRUYNINCKX, F. et al. 2014.

Feasibility of neuromuscular electrical stimulation in critically ill patients.

The Journal of Critical Care, 29(6), 1082-1088.

[Abstract](#)

THOMAS, P., PARATZ, J. & LIPMAN, J. 2014.

Seated and semi-recumbent positioning of the ventilated intensive care patient – Effect on gas exchange, respiratory mechanics and hemodynamics.

Heart and Lung, 43(2), 105–111.

[Abstract](#)

VANPEE, G., HERMANS, G., SEGERS, J. & GOSSELINK, R. 2014.

Assessment of Limb Muscle Strength in Critically Ill Patients: A Systematic Review.

Critical Care Medicine, 42(3), 701-711.

[Abstract](#)

WOLLERSHEIM, T., WOEHLCKE, J., KREBS, M., et al. 2014.

Dynamics of myosin degradation in intensive care unit-acquired weakness during severe critical illness.

Intensive Care Medicine, 40(4), 528 – 538.

[Abstract](#)

ECMO/ ECCOR

CORK, G., BARNETT, N &

NTOUMENOPOULOS, G. 2014.

Justification for Chest Physiotherapy during Ultra-Protective Lung Ventilation and Extra-Corporeal Membrane Oxygenation: A Case Study

Physiotherapy Research International,

19(2), 126–128.

[Abstract](#)

ROCH, A., HRAIECH, S., MASSON, E., et al. 2014.

Outcome of acute respiratory distress syndrome patients treated with extracorporeal membrane oxygenation and brought to a referral center.

Intensive Care Medicine, 40(1), 74 – 83.

[Abstract](#)

General Critical Care

BALDWIN, M., REID, C., WESTLAKE, A. et al. 2014.

The feasibility of measuring frailty to predict disability and mortality in older medical intensive care unit survivors.

The Journal of Critical Care, 29(3), 401-408.

[Abstract](#)

BLACKWOOD, B., CLARKE, M., McCAULEY, D.F. et al. 2014.

How Outcomes Are Defined in Clinical Trials of Mechanically Ventilated Adults and Children.

American Journal of Respiratory and Critical Care Medicine, 189(8), 886-893.

[Abstract](#)

BRUMMEL, N.E., GIRARD, T.D., ELY, E.W., et al. 2014.

Feasibility and safety of early combined cognitive and physical therapy for critically ill medical and surgical patients: the Activity and Cognitive Therapy in ICU (ACT-ICU) trial.

Intensive Care Medicine, 40(3), 370 – 379.

[Abstract](#)

BUKAN, R., MOLLER, A., HENNING, M. et al. 2014.
Preadmission quality of life can predict mortality in intensive care unit – A prospective cohort study.
The Journal of Critical Care, 29(6), 942-947.
[Abstract](#)

CARDOSO, F., KARVELLA, C., KNETEMAN, N. et al. 2014.
Respiratory rate at intensive care unit discharge after liver transplant is an independent risk factor for intensive care unit readmission within the same hospital stay: A nested case-control study.
The Journal of Critical Care, 29(5), 791-796.
[Abstract](#)

CROWE, L., TURNER, J. & YOUNG, J. 2014
What do we really understand about the impact of Critical Care on PICU Staff? A review of the literature.
Pediatric Critical Care Medicine, 15(4), 199.
[Abstract](#)

DEAN, S. DIXON, M. PHILLIPS, T. et al. 2014
A multiprofessional approach towards improving the patient journey through a Paediatric Intensive Care unit in the United Kingdom.
Pediatric Critical Care Medicine, 15(4), 200.
[Abstract](#)

KAUKONEN, K. M., BAILEY, M., SUZUKI, S., et al. 2014.
Mortality related to severe sepsis and septic shock among critically ill patients in Australia and New Zealand. 2000-2012.
The Journal of the American Medical Association, 311 (13), 1308-1316.
[Abstract](#)

KIRKMAN, M.A. & SMITH, M.
Editor's choice: Intracranial pressure monitoring, cerebral perfusion pressure estimation, and ICP/CPP-guided therapy: a standard of care or optional extra after brain injury?
British Journal of Anaesthesia, 112(1), 35-46.
[Abstract](#)

McNARMARA, D.G., ASHER, M.I., RUBIN, A. et al. 2014.
Heated Humidification Improves Clinical Outcomes, Compared to a Heat and Moisture Exchanger in Children With Tracheostomies.
Respir Care, 59(1), 46-53.
[Full Text](#)

PARADIS, E. LESLIE, M. PUNTILLO, K. et al. 2014
Delivering Interprofessional Care in Intensive Care: A Scoping Review of Ethnographic Studies.
American Journal of Critical Care, 23(3), 230-238.
[Abstract](#)

PUNTILLO, K., NELSON, J.E., WEISSMAN, D., et al. 2014.
Palliative care in the ICU: relief of pain, dyspnea, and thirst—A report from the IPAL-ICU Advisory Board.
Intensive Care Medicine, 40(2), 235 – 248.
[Abstract](#)

RUSSIAN, C.J., GONZALES, J.F. & HENRY, N.R. 2014.
Suction Catheter Size: An Assessment and Comparison of 3 Different Calculation Methods.
Respir Care, 59(1), 32-38.
[Full Text](#)

SHARSHAR, T., CITERIO, G., ANDREWS, P.J.D., et al. 2014.
Neurological examination of critically ill patients: a pragmatic approach. Report of an ESICM expert panel.
Intensive Care Medicine, 40(4), 484 – 495.
[Abstract](#)

SHAW, C., DAVID J., DAVIDSON, J. et al. 2014.
Multidisciplinary Team Training to Enhance Family Communication in the ICU.
Critical Care Medicine, 4(2), 265-271.
[Abstract](#)

SRICHAROENCHAI, T., PARKER, A., ZANNI, J. et al. 2014.
Safety of physical therapy interventions in critically ill patients: A single-center prospective evaluation of 1110 intensive care unit admissions.
The Journal of Critical Care, 29(3), 395-400.
[Abstract](#)

TRIPATHY, S., MISHRA, J. & DASH, S. et al. 2014.
Critically ill elderly patients in a developing world – mortality and functional outcome at 1 year: A prospective single-center study.
The Journal of Critical Care, 29 (3) 474.e7-474.e13
[Abstract](#)

VALLÉS, J., MARTIN-LOECHES, I., TORRES, A., et al. 2014.
Epidemiology, antibiotic therapy and clinical outcomes of healthcare-associated pneumonia in critically ill patients: a Spanish cohort study.
Intensive Care Medicine, 40(4), 572 – 581.
[Abstract](#)

VAN DEN BOOGAARD, M., SCHOONHOVEN, L., MASEDA, E., et al. 2014.
Recalibration of the delirium prediction model for ICU patients (PRE-DELIRIC): a multinational observational study.
Intensive Care Medicine, 40(3), 361 – 369.
[Abstract](#)

WALKEY, A.J. & WIENER, R.S. 2014.
Hospital Case Volume and Outcomes among Patients Hospitalized with Severe Sepsis.
American Journal of Respiratory and Critical Care Medicine, 189(5), 548-555.
[Abstract](#)

XIROUCHAKI, N., KONDILI, E., PRINIANKIS, G., et al. 2014.
Impact of lung ultrasound on clinical decision making in critically ill patients.
Intensive Care Medicine, 40(1), 57 – 65.
[Abstract](#)

Mechanical Ventilation

CARRON, M., ROSSI, S., CAROLLO, C. & ORI, C. 2014.
Comparison of invasive and noninvasive positive pressure ventilation delivered by means of a helmet for weaning of patients from mechanical ventilation.
The Journal of Critical Care, 29(4), 580-585.
[Abstract](#)

CHIUMELLO, D., COLOMBO, A., & ALGIERI, I. 2014.
Cycling-off criteria during pressure support ventilation: What do we have to monitor?
The Journal of Critical Care, 29(3), 457-458.
[Abstract](#)

ELLIOTT, J., BUTT, W., DUKE, T. et al. 2014.
Clinical Predictors of Extubation Failure in PICU.
Pediatric Critical Care Medicine, 15(4), 95.
[Abstract](#)

ERTUGRUL, A., BAYRAKCI, B., ERTUGRUL, I. et al. 2014
Home Mechanical Ventilation in Children.
Pediatric Critical Care Medicine, 15(4), 96.
[Abstract](#)

GRAP, M., MUNRO, C., WETZEL, P. et al. 2014.
Responses to noxious stimuli in sedated mechanically ventilated adults.
Heart and Lung, 43 (1), 6–12.
[Abstract](#)

GRUARTMONER, G., MESQUIDA, J., MASIP, J. et al. 2014.
Thenar oxygen saturation during weaning from mechanical ventilation: an observational study.
European Respiratory Journal, 43(1), 213-220.
[Abstract](#)

HAGMEYER, L., OESTERLEE, U., TREML, M. et al. 2014.
Successful weaning and decannulation after interventional bronchoscopic recanalization of tracheal stenosis.
The Journal of Critical Care, 29(4), 695.e9–695.e14.
[Abstract](#)

HOFF, F., TUCCI, M., AMATO, M. et al. 2014.
Cycling-off modes during pressure support ventilation: Effects on breathing pattern, patient effort, and comfort.
The Journal of Critical Care, 29(3), 380-385.
[Abstract](#)

LELLOUCHE, F., L'HER, E., ABROUG, F., et al. 2014.

Impact of the humidification device on intubation rate during noninvasive ventilation with ICU ventilators: results of a multicenter randomized controlled trial.

Intensive Care Medicine, 40(2), 211 – 219.

[Abstract](#)

LIN, C., YU, H., FAN, H. & LI, Z. 2014.

The efficacy of noninvasive ventilation in managing post Extubation respiratory failure: A meta-analysis.

Heart and Lung, 43 (2), 99–104.

[Abstract](#)

LIZY, C., SWINNEN, W., LABEAU, S. et al. 2014.

Cuff Pressure of Endotracheal Tubes After Changes in Body Position in Critically Ill Patients Treated With Mechanical Ventilation.

American Journal of Critical Care, 23 (1), e1-e8.

[Abstract](#)

LOFASO, F., PRIGENT, H., TIFFREAU, V. et al. 2014.

Long-Term Mechanical Ventilation Equipment for Neuromuscular Patients: Meeting the Expectations of Patients and Prescribers.

Respir Care, 59(1), 97-106.

[Full Text](#)

MEDINA, A., MODESTO-ALAPONT, V., LOBETE, C. et al. 2014.

Is pressure-regulated volume control mode appropriate for severely obstructed patients?

The Journal of Critical Care, 29(6), 1041-1045.

[Abstract](#)

MELLOTT, K., GRAP, M., MUNRO, C., et al. 2014.

Patient ventilator asynchrony in critically ill adults: Frequency and types.

Heart and Lung, 43 (3), 231–243.

[Abstract](#)

MERIC, H., CALABRESE, P., PRADON, D. et al. 2014.

Physiological comparison of breathing patterns with neurally adjusted ventilatory assist (NAVA) and pressure-support ventilation to improve NAVA settings.

Respiratory Physiology & Neurobiology, 195, 11-18.

[Abstract](#)

MIU, T., JOFFE, A.M., YANEZ, N.D. et al. 2014.

Predictors of Reintubation in Critically Ill Patients.

Respir Care, 59(2), 178-185.

[Abstract](#)

NACHAL, R., KUMAR, G., MAJUMDAR, T. et al. 2014.

Utilization of Mechanical Ventilation for Asthma Exacerbations: Analysis of a National Database.

Respir Care, 59(5), 644-653.

[Abstract](#)

NYDAHL, P., RUHL, P., BARTOSZEK, G. et al. 2014.

Early Mobilization of Mechanically Ventilated Patients: A 1-Day Point-Prevalence Study in Germany

Critical Care Medicine, 42 (5), 1178-1186.

[Abstract](#)

SCHNELL, D., TIMSIT, J.F., DARMON, M., et al. 2014.

Noninvasive mechanical ventilation in acute respiratory failure: trends in use and outcomes.

Intensive Care Medicine, 40(4), Pages 582 – 591.

[Abstract](#)

SINDERBY, C. 2014.

Neurally adjusted ventilatory assist: First indications of clinical outcomes

The Journal of Critical Care, 29(4), 666-667.

[Abstract](#)

SMITH, B.K., GABRIELLI, A., DAVENPORT, P.W. & MARTIN, A.D. 2014.

Effect of Training on Inspiratory Load Compensation in Weaned and Unweaned Mechanically Ventilated ICU Patients.

Respir Care, 59(1), 22-31.

[Full Text](#)

SUZUKI, S., EASTWOOD, G., GLASSFORD, N. et al. 2014.

Conservative Oxygen Therapy in Mechanically Ventilated Patients: A Pilot Before-and-After Trial.

Critical Care Medicine, 42 (6), 1414-1422.

[Abstract](#)

TESTER, N.J., FULLER, D.D., FROMM, J.S. et al. 2014.

Long-Term Facilitation of Ventilation in Humans with Chronic Spinal Cord Injury

American Journal of Respiratory and Critical Care Medicine, 189(1), 57-65.

[Full Text](#)

WUNSCH, H. B., CHRISTIANSEN, C. F., JOHANSEN, M. B., et al. 2014.

Psychiatric diagnoses and psychoactive medication use among nonsurgical critically ill patients receiving mechanical ventilation.

The Journal of the American Medical Association, 311(11), 1133-42.

[Abstract](#)

Acute Respiratory Failure

CHOI, W., SHEHU, E., LIM, S. et al. 2014.

Markers of poor outcome in patients with acute hypoxemic respiratory failure.

The Journal of Critical Care, 29(5), 797-802.

[Abstract](#)

GALLI, J.A., KRAHNKE, J.S., MAMARY, A.J. et al. 2014.

Home non-invasive ventilation use following acute hypercapnic respiratory failure in COPD.

Resp. Med, 108(5), 722-728.

[Abstract](#)

LIN, C., YU, H., FAN, H. & LI, Z. 2014.

The efficacy of noninvasive ventilation in managing post Extubation respiratory failure: A meta-analysis.

Heart and Lung, 43 (2), 99–104.

[Abstract](#)

VIANELLO, A., ARCARO, G., BATTISTELLA, L. et al. 2014.

Noninvasive ventilation in the event of acute respiratory failure in patients with idiopathic pulmonary fibrosis.

The Journal of Critical Care, 29 (4), 562-567.

[Abstract](#)

Ventilator Associated Pneumonia

KIYOSHI-TEO, H., CABANA, M., FROELICHER, E. & BLEGEN, M. 2014.

Adherence to Institution-Specific Ventilator-Associated Pneumonia Prevention Guidelines.

American Journal of Critical Care, 23 (3), 201-215.

[Abstract](#)

Dyspnoea

BERNHARDT, V. & BABB, T. 2014.

Respiratory Symptom Perception Differs in Obese Women with Strong or Mild Breathlessness During Constant-Load Exercise.

Chest, 145(2), 361-369.

[Abstract](#)

CHALIF, J. I., SITSAPESAN, H. A.,

PATTINSON, K. T. S. et al. 2014.

Dyspnea as a side effect of subthalamic nucleus deep brain stimulation for Parkinson's disease.

Respiratory Physiology & Neurobiology, 192, 128-133.

[Abstract](#)

CIAVAGLIA, C.E., GUENETTE, J.A., ORA, J. et al. 2014.

Does exercise test modality influence dyspnoea perception in obese patients with COPD?

European Respiratory Journal, 43(6), 1621-1630.

[Abstract](#)

GAGLIARDI, E., INNOCENTI BRUNI, G., PRESI, I. et al. 2014.

Thoraco-abdominal motion/displacement does not affect dyspnea following exercise training in COPD patients.

Respiratory Physiology & Neurobiology, 190, 124-130.

[Abstract](#)

LANGE, P., MAROTT, J.L., VESTBO, J. & NORDESTGAARD, B.G. 2014.

Prevalence of night-time dyspnoea in COPD and its implications for prognosis

European Respiratory Journal, 43(6), 1590-1598.

[Abstract](#)

LAVIOLETTE, L. & LAVENEZIANA, P., on behalf of the ERS Research Seminar Faculty 2014.

Dyspnoea: a multidimensional and multidisciplinary approach.

European Respiratory Journal, 43(6), 1750-1762.

[Abstract](#)

RYO, K., JENKINS, S. & SENJYO, H. 2014. Evaluation of Activity Limitation in Patients with Idiopathic Pulmonary Fibrosis Grouped According to Medical Research Council Dyspnea Grade.

Archives of Physical Medicine and Rehabilitation, 95(5), 950-95.

[Abstract](#)

SILLEN, M.J.H., FRANSSSEN, F.M.E., DELBRESSINE, J.M.L. et al. 2014. Efficacy of lower-limb muscle training modalities in severely dyspnoeic individuals with COPD and quadriceps muscle weakness: results from the DICES trial.

Thorax, 69, 525-531.

[Abstract](#)

Lung Disease

Asthma

CHUNG, K.F., WENZEL, S.E., BROZEK, J.L. et al. 2014.

International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma.

European Respiratory Journal, 43(2), 343-373.

[PDF](#)

CORK, G., BARNETT, N & NTOUMENOPOULOS, G. 2014.

Justification for Chest Physiotherapy during Ultra-Protective Lung Ventilation and Extra-Corporeal Membrane Oxygenation: A Case Study

Physiotherapy Research International, 19(2), 126-128.

[Abstract](#)

DEPNER, M., FUCHS, O., GENUNEIT, J. et al. 2014.

Clinical and Epidemiologic Phenotypes of Childhood Asthma.

American Journal of Respiratory and Critical Care Medicine, 189(2), 129-138.

[Full Text](#)

GUO, S., RATNER, P., OKOLI, C & JOHNSON, J. 2014.

The gender-specific association between asthma and the need to smoke tobacco.

Heart and Lung, 43 (1), 77-83.

[Abstract](#)

GRATZIOU, C., FLOROU, A., ISCHAKI, E. et al. 2014.

Smoking cessation effectiveness in smokers with COPD and asthma under real life conditions.

Resp. Med, 108(4), 557-583.

[Abstract](#)

HOLLAMS, E.M., DE KLERK, N.H., HOLT, P.G. & SLY, P.D. 2014.

Persistent Effects of Maternal Smoking during Pregnancy on Lung Function and Asthma in Adolescents.

American Journal of Respiratory and Critical Care Medicine, 189(4), 401-407.

[Abstract](#)

LOYMANS, R.J., GEMPERIL, A., COHEN, J. et al. 2014.

Comparative effectiveness of long term drug treatment strategies to prevent asthma exacerbations: network meta-analysis.

BMJ, 348, 3009.

[Abstract](#)

NACHAL, R., KUMAR, G., MAJUMDAR, T. et al. 2014.

Utilization of Mechanical Ventilation for Asthma Exacerbations: Analysis of a National Database.

Respir Care, 59(5), 644-653.

[Abstract](#)

PALLIN, M. & NAUGHTON, M. 2014.

Noninvasive ventilation in acute asthma.

The Journal of Critical Care, 29(4), 586-593.

[Abstract](#)

PETERS, J. B., RIJSSENBECK-NOUWENS, L.H., BRON, A.O. et al. 2014.

Health status measurement in patients with severe asthma.

Resp. Med, 108(2), 278-286.

[Abstract](#)

Bronchiectasis and PCD

CHALMERS, J.D., GOEMINNE, P., ALIBERTI, S. et al. 2014.

The Bronchiectasis Severity Index. An International Derivation and Validation Study. *American Journal of Respiratory and Critical Care Medicine*, 189 (5), 576-585.

[Abstract](#)

DE CAMARGO, A., AMARAL, T., RACHED, S. et al. 2014.

Incremental Shuttle Walking Test: A Reproducible and Valid Test to Evaluate Exercise Tolerance in Adults with Non Cystic Fibrosis Bronchiectasis *Archives of Physical Medicine and Rehabilitation*, 95(5), 892-899.

[Abstract](#)

GOKDEMIR, Y. KARADAG-SAYGI, E. ERDEM, E. et al. 2014.

Comparison of conventional pulmonary rehabilitation and high-frequency chest wall oscillation in primary ciliary dyskinesia. *Pediatric Pulmonology*, 49 (6), 611-616.

[Abstract](#)

GONEM, S., SCADDING, A., SOARES, M. et al. 2014.

Lung clearance index in adults with non-cystic fibrosis bronchiectasis *Respiratory Research*, 15, 59.

[Full Text](#)

HAWORTH, C.S., FOWERAKER, J.E., WILKINSON, P. et al. 2014.

Inhaled Colistin in Patients with Bronchiectasis and Chronic *Pseudomonas aeruginosa* Infection *American Journal of Respiratory and Critical Care Medicine*, 189(8), 975-982.

[Abstract](#)

KNOWLES, M.R., OSTROWSKI, L.E., LEIGH, M.W. et al. 2014.

Mutations in *RSPH1* Cause Primary Ciliary Dyskinesia with a Unique Clinical and Ciliary Phenotype. *American Journal of Respiratory and Critical Care Medicine*, 189(6), 707-717.

[Abstract](#)

LEE, A.L., HILL, C.J., CECINS, N. et al. 2014. The short and long term effects of exercise training in non-cystic fibrosis bronchiectasis – a randomised controlled trial.

Respiratory Research, 15, 44.

[Full Text](#)

MCNEILL, S. 2014.

Erythromycin to prevent exacerbations of bronchiectasis.

Thorax, 69,186.

[Abstract](#)

SCHOFIELD, L.M. & HOROBIN, H.E. 2014.

Growing up with Primary Ciliary Dyskinesia in Bradford, UK: exploring patients experiences as a physiotherapist.

Physiotherapy Theory and Practice, 30(3), 157-164.

[Abstract](#)

SMITH, C.M., KULKARNI, H., RADHAKRISHNAN, P. et al. 2014.

Ciliary dyskinesia is an early feature of respiratory syncytial virus infection *European Respiratory Journal*, 43(2), 485-496.

[Abstract](#)

WILKINSON, M., SUGUMAR, K., MILAN, S.J., et al. 2014.

Mucolytics for bronchiectasis.

Cochrane Database of Systematic Reviews, Issue 5.

[Abstract](#)

COPD

ANDRIANOPOULOS, V., FRANSSEN, F.M.E., PEETERS, J. P. I. et al. 2014.

Exercise-induced oxygen desaturation in COPD patients without resting hypoxemia. *Respiratory Physiology & Neurobiology*, 190, 40-46.

[Abstract](#)

BENTON, M., ALEXANDER, J. & HOLLAND, J. 2014.

Relationship between Strength, Function, and Quality of Life in Older Adults with Chronic Lung Disease: Is there an influence of Gender? *Journal of Cardiopulmonary Rehabilitation & Prevention*, 34(2), 143 – 149.

[Abstract](#)

BISCA, G., PROENÇA, M., SALOMÃO, A. et al. 2014.

Minimal Detectable Change of the London Chest Activity of Daily Living Scale in Patients with COPD.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(3), 213-216.

[Abstract](#)

CAMERON-TUCKER, H.L., WOOD-BAKER, R., OWEN, C. et al. 2014.

Chronic disease self-management and exercise in COPD as pulmonary rehabilitation: a randomized controlled trial.

Int J Chron Obstruct Pulmon Dis, 9, 513–523.

[Abstract](#)

CASANOVA, C., ARMANDO, A.J., DE TORRES, J.P. et al. 2014

Longitudinal assessment in COPD patients: multidimensional variability and outcomes.

European Respiratory Journal, 43(3), 745-753.

[Abstract](#)

CHAN-THIM, E., DUMONT, M., MOULLEC, G. et al. 2014.

Clinical Impact of Time of Day on Acute Exercise Response in COPD.

J. COPD, 11(2), 204-211.

[Abstract](#)

CHENG, S., WU, Y., YANG, M. et al. 2014.

Pulmonary rehabilitation improves heart rate variability at peak exercise, exercise capacity and health-related quality of life in chronic obstructive pulmonary disease.

Heart and Lung, 43(3), 249–255.

[Abstract](#)

CIAVAGLIA, C.E., GUENETTE, J.A., ORA, J. et al. 2014.

Does exercise test modality influence dyspnoea perception in obese patients with COPD?

European Respiratory Journal, 43(6), 1621-1630.

[Abstract](#)

COLLINS, E.G., JELINEK, C., O'CONNELL, S. et al. 2014.

Contrasting breathing retraining and helium–oxygen during pulmonary rehabilitation in COPD: A randomized clinical trial.

Resp. Med, 108(2), 297-306.

[Abstract](#)

COOPER, C. B., CALLIGARO, G. L., QUINN, M. M. et al. 2014.

Determinants of dynamic hyperinflation during metronome-paced tachypnea in COPD and normal subjects.

Respiratory Physiology & Neurobiology, 190, 76-80.

[Abstract](#)

CORHAY, J.L., DANG, D.N. VAN CAUWENBERGE, H. & LOUIS, R. 2014.

Pulmonary rehabilitation and COPD: providing patients a good environment for optimizing therapy.

Int J Chron Obstruct Pulmon Dis, 9, 27–39.

[Abstract](#)

CSIKESZ, N.G. & GARTMAN, E.J. 2014.

New developments in the assessment of COPD: early diagnosis is key.

Int J Chron Obstruct Pulmon Dis, 9, 277–286.

[Abstract](#)

DANILACK, V.A., WESTON, N.A., RICHARDSON, C.A. & MORI, D.L. 2014.

Reasons Persons with COPD Do Not Walk and Relationship with Daily Step Count.

J. COPD, 11(3), 290-299.

[Abstract](#)

DICKENS, C., KATON, W., BLAKEMORE, A. et al. 2014.

Complex interventions that reduce urgent care use in COPD: A systematic review with meta-regression.

Resp. Med, 108(3), 426-437.

[Abstract](#)

EKKERNKAMP, E., KABITZ, H.-J., WALKER, D.J. et al. 2014.

Minute Ventilation During Spontaneous Breathing, High-Intensity Noninvasive Positive Pressure Ventilation and Intelligent Volume Assured Pressure Support in Hypercapnic COPD.

J. COPD, 11(1), 52-58.

[Abstract](#)

ESQUINAS, A., PAPADAKOS, P. & KOKSAI, G. 2014.

Mortality in community-acquired pneumonia associated with chronic obstructive pulmonary disease: Some reflections about this overly complex issue.

The Journal of Critical Care, 29 (3), 461-46.

[Abstract](#)

FRISK, B., ESPEHAUG, B., HARDIE, J.A. et al. 2014.

Physical activity and longitudinal change in 6-min walk distance in COPD patients.

Resp. Med, 108(1). 86–94.

[Abstract](#)

GAGLIARDI, E., INNOCENTI BRUNI, G., PRESI, I. et al. 2014.

Thoraco-abdominal motion/displacement does not affect dyspnea following exercise training in COPD patients.

Respiratory Physiology & Neurobiology, 190, 124-130.

[Abstract](#)

GAGNON, P., GUENETTE, J.A., LANGER, D. et al. 2014.

Pathogenesis of hyperinflation in chronic obstructive pulmonary disease.

Int J Chron Obstruct Pulmon Dis. 9, 187–201.

[Abstract](#)

GIMENO-SANTOS, E., RODRIGUEZ, D.A., BARBERAN-GARCIA, A. et al. 2014.

Endurance Exercise Training Improves Heart Rate Recovery in Patients with COPD.

J. COPD, 11(2), 190-196.

[Abstract](#)

GRATZIOU, C., FLOROU, A., ISCHAKI, E. et al. 2014.

Smoking cessation effectiveness in smokers with COPD and asthma under real life conditions.

Resp. Med, 108(4), 557-583.

[Abstract](#)

HARRISON, S.L., ROBERTSON, N., GRAHAM, C.D. et al. 2014.

Can we identify patients with different illness schema following an acute exacerbation of COPD: A cluster analysis.

Resp. Med, 108(2), 319-328.

[Abstract](#)

HASEGAWA, K., TSUGAWA, Y., TSAI, C.J. et al. 2014.

Frequent utilization of the emergency department for acute exacerbation of chronic obstructive pulmonary disease.

Respiratory Research, 15, 40.

[Full Text](#)

HAUGHNEY, J., GRUFFYD-JONES, K., ROBERTS, J. et al. 2014.

The distribution of COPD in UK general practice using the new GOLD classification

European Respiratory Journal, 43(4), 993-1002.

[Abstract](#)

HOLM, S. M., RODGERS, W., HAENNEL, R. G. et al. 2014.

Effect of modality on cardiopulmonary exercise testing in male and female COPD patients.

Respiratory Physiology & Neurobiology, 192, 30-38.

[Abstract](#)

JACOME, C. & MARQUES, A. 2014.

Pulmonary Rehabilitation for Mild COPD: A Systematic Review.

Respir Care, 59(4), 588-594.

[Abstract](#)

JANAUDIS-FERREIRA, T., BEAUCHAMP, M.K., GAMES ROBLES, P. et al. 2014.

Measurement of Activities of Daily Living in Patients with COPD: A Systematic Review.

Chest, 145(2), 253-271.

[Abstract](#)

JOHNSON-WARRINGTON, V., HARRISON, S., MITCHELL, K. et al. 2014.

Exercise Capacity and Physical Activity in Patients With COPD and Healthy Subjects Classified as Medical Research Council Dyspnea Scale Grade 2.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(2), 150 – 154.

[Abstract](#)

JONES, S.E., GREEN, S.A., CLARK, A.L. et al. 2014.

Pulmonary rehabilitation following hospitalization for acute exacerbation of COPD: referrals, uptake and adherence.

Thorax, 69, 181-182.

[Abstract](#)

KARLOH, M., KARSTEN, M., PISSAIA FV. et al. 2014.

Physiological responses to the Glittre-ADL test in patients with chronic obstructive pulmonary disease.

J Rehabil Med, 46(1), 88-94.

[Abstract](#)

KON, S.S.C., CANAVAN, J.L., NOLAN, C.M. et al. 2014.

The 4-metre gait speed in COPD: responsiveness and minimal clinically important difference.

European Respiratory Journal, 43(4), 1298-1305.

[Abstract](#)

LANGE, P., MAROTT, J.L., VESTBO, J. & NORDESTGAARD, B.G. 2014.

Prevalence of night-time dyspnoea in COPD and its implications for prognosis

European Respiratory Journal, 43(6), 1590-1598.

[Abstract](#)

LEIDY, N.K., KIMEL, M., AJAGBE, L. et al. 2014.

Designing trials of behavioural interventions to increase physical activity in patients with COPD: Insights from the chronic disease literature.

Resp. Med, 108(3), 472-481.

[Abstract](#)

LEWKO, A., BIDGOOD, P.L., JEWELL, A. & GARROD, R. 2014.

Evaluation of multidimensional COPD-related subjective fatigue following a Pulmonary Rehabilitation programme.

Resp. Med, 108(1), 95 – 102.

[Abstract](#)

LOK, S. K., CAUGHEY, G. & JOHNSTON, K. 2014.

The association between co-morbidities and physical performance in people with chronic obstructive pulmonary disease: A systematic review.

Chronic Respiratory Disease, 11, 3-13.

[Abstract](#)

LOPEZ-CAMPOS, J.L., HARTL, S., POZO-RODRIGUEZ, F. & ROBERTS, C.M. on behalf of the European COPD Audit team 2014.

Variability of hospital resources for acute care of COPD patients: the European COPD Audit.

European Respiratory Journal, 43 (3), 754-762.

[Abstract](#)

LORUT, C., LEFEBVRE, A., PLANQUETTE, B., et al. 2014.

Early postoperative prophylactic noninvasive ventilation after major lung resection in COPD patients: a randomized controlled trial.

Intensive Care Medicine, 40(2), 220 – 227.

[Abstract](#)

MEIJER, K., ANNEGARN, J., PASSOS, V.L. et al. 2014.

Characteristics of daily arm activities in patients with COPD.

European Respiratory Journal, 43(6), 1631-1641.

[Abstract](#)

MEIS, J.J.M., BOSMA, C.B., SPRUIT, M.A. et al. 2014.

A qualitative assessment of COPD patients' experiences of pulmonary rehabilitation and guidance by healthcare professionals.

Resp. Med, 108(3), 500-510.

[Abstract](#)

MIECZKOWSKI, B. & EZZIE, M.E. 2014.

Update on obstructive sleep apnea and its relation to COPD.

Int J Chron Obstruct Pulmon Dis, 9, 349–362.

[Abstract](#)

MIRANDA, E.F., MALAGUTI, C., MARCHETTI, P.H., DAL CORSO, S. 2014.

Upper and Lower Limb Muscles in Patients with COPD: Similarities in Muscle Efficiency but Differences in Fatigue Resistance.

Respir Care, 59(1), 62-69.

[Full Text](#)

MOY, M.L., TEYLAN, M., WESTON, N.A. et al. 2014.

Daily Step Count Is Associated With Plasma C-reactive protein and IL-6 in a US Cohort with COPD.

Chest, 145(3), 542-550.

[Abstract](#)

O'DONNELL, D.E. & GEBKE, K.B. 2014.
Activity restriction in mild COPD: a challenging clinical problem
Int J Chron Obstruct Pulmon Dis, 9, 577–588.
[Abstract](#)

OSADNIK, C., STUART-ANDREWS, C., ELLIS, S. et al. 2014.
Positive Expiratory Pressure via Mask Does Not Improve Ventilation Inhomogeneity More than Huffing and Coughing in Individuals with Stable Chronic Obstructive Pulmonary Disease and Chronic Sputum Expectoration.
Respiration, 87(1), 38-44.
[Abstract](#)

OSADNIK, C.R., MCDONALD, C.F., MILLER, B.R. et al. 2014.
The effect of positive expiratory pressure (PEP) therapy on symptoms, quality of life and incidence of re-exacerbation in patients with acute exacerbations of chronic obstructive pulmonary disease: a multicentre, randomised controlled trial.
Thorax, 69,137-143.
[Abstract](#)

PATEL, M.S., MOHAN, D., ANDERSSON, Y.M. et al. 2014.
Phenotypic Characteristics Associated With Reduced Short Physical Performance Battery Score in COPD.
Chest, 145(5), 1016-1024.
[Abstract](#)

POHLE-KRAUZA, R., MCCARROLL, M., PANNIKOTTU, K. et al. 2014.
Body Mass Index Moderates the Effects of Portable Oxygen Transport Modality on 6-Minute Walk Distance in Patients With COPD.
Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 62-68.
[Abstract](#)

POOLER, A. & BEECH, R. 2014.
Examining the relationship between anxiety and depression and exacerbations of COPD which result in hospital admission: a systematic review.
Int J Chron Obstruct Pulmon Dis, 9, 315–330.
[Abstract](#)

PRICE, D.B., BAKER, C.L., ZOU, K.H. et al. 2014.
Real-world characterization and differentiation of the Global Initiative for Chronic Obstructive Lung Disease strategy classification.
Int J Chron Obstruct Pulmon Dis, 9, 551–561.
[Abstract](#)

RAMOS, F.L., KRAHNKE, J.S. & KIM V. 2014.
Clinical issues of mucus accumulation in COPD.
Int J Chron Obstruct Pulmon Dis, 9, 139–150.
[Abstract](#)

RAMON, M.A., GIMENO-SANTOS, E., FERRER, J. et al., and the PAC-COPD Study Group 2014.
Hospital admissions and exercise capacity decline in patients with COPD.
European Respiratory Journal, 43(4), 1018-1027.
[Abstract](#)

RICCI, C., TERZONI, S., GAETA, M. et al. 2014.
Physical Training and Noninvasive Ventilation in COPD Patients: A Meta-Analysis.
Respir Care, 59(5), 709717
[Abstract](#)

ROBLES, P., BROOKS, D., GOLDSTEIN, R. et al. 2014.
Gender-Associated Differences in Pulmonary Rehabilitation Outcomes in People with Chronic Obstructive Pulmonary Disease: A Systematic Review.
Journal of Cardiopulmonary Rehabilitation & Prevention, 34(2), 87-97.
[Abstract](#)

SEGRELLES CALVO, G., GOMEZ-SUAREZ, C., SORIANO, J.B. et al. 2014.
A home telehealth program for patients with severe COPD: The PROMETE study.
Resp. Med, 108(3), 453 – 462.
[Abstract](#)

SILLEN, M.J.H., FRANSSSEN, F.M.E., DELBRESSINE, J.M.L. et al. 2014.
Efficacy of lower-limb muscle training modalities in severely dyspnoeic individuals with COPD and quadriceps muscle weakness: results from the DICES trial.
Thorax, 69, 525-531.
[Abstract](#)

SMITH, B.M., HOFFMAN, E.A., BASNER, R.C. et al. 2014.

Not All Measures of Hyperinflation Are Created Equal: Lung Structure and Clinical Correlates of Gas Trapping and Hyperexpansion in COPD: The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Study.

Chest, 145(6), 1305-1315.

[Abstract](#)

SPENCER, L., ALISON, J. & MCKEOUGH, Z. 2014.

Evaluating the need for two incremental shuttle walk tests during a maintenance exercise program in people with COPD.

Physiotherapy, 100(2), 123–127.

[Abstract](#)

STRUIK, F.M., LACASSE, Y., GOLDSTEIN, R.S. et al. 2014.

Nocturnal noninvasive positive pressure ventilation in stable COPD: A systematic review and individual patient data meta-analysis.

Resp. Med, 108 (2), 329-337.

[Abstract](#)

TEOPOMPI, E., TZANI, P., AIELLO, M. et al. 2014.

Excess ventilation and ventilatory constraints during exercise in patients with chronic obstructive pulmonary disease.

Respiratory Physiology & Neurobiology, 197, 9-14.

[Abstract](#)

TERZI, N., NORMAND, H., DUMANOWSKI, E. et al. 2014.

Noninvasive Ventilation and Breathing-Swallowing Interplay in Chronic Obstructive Pulmonary Disease.

Critical Care Medicine, 42(3), 565-573.

[Abstract](#)

THIRAPATARAPONG, W., ARMSTRONG, H. & BARTELS, M. 2014.

Comparison of cardiopulmonary exercise testing variables in COPD patients with and without coronary artery disease.

Heart and Lung, 43(2), 146–151.

[Abstract](#)

THORPE, O., KUMAR, S. & JOHNSTON, K. 2014.

Barriers to and enablers of physical activity in patients with COPD following a hospital admission: a qualitative study.

Int J Chron Obstruct Pulmon Dis, 9, 115–128.

[Abstract](#)

VAN BOVEN, J., TOMMELEIN, E., BOUSSERY, K. et al. 2014.

Improving inhaler adherence in patients with Chronic Obstructive Pulmonary Disease: a cost-effectiveness analysis.

Respiratory Research, 15, 66.

[Full text](#)

VAN der VAART, H., MURGATROYD, S.R., ROSSITER, H.B. et al. 2014.

Selecting Constant Work Rates for Endurance Testing in COPD: The Role of the Power-Duration Relationship.

J. COPD, 11(3), 267–276.

[Abstract](#)

VAN REMOORTEL, H., HORNIKX, M., LANGER, D. et al. 2014.

Risk Factors and Comorbidities in the Preclinical Stages of Chronic Obstructive Pulmonary Disease.

American Journal of Respiratory and Critical Care Medicine, 189(1), 30-38.

[Full Text](#)

VIEIRA, P.J.C., GUNTZEL CHIAPPA, A.M., UMPIERRE, D., ARENA, R. & CHIAPPA, G.R. 2014.

Neuromuscular electrical stimulation improves clinical and physiological function in COPD patients.

Resp. Med, 108(4), 609-620.

[Abstract](#)

WOOTTON, S., NG, C., MCKEOUGH, Z et al. 2014.

Estimating endurance shuttle walk test speed using the six-minute walk test in people with chronic obstructive pulmonary disease.

Chronic Respiratory Disease, 11, 89-94.

[Abstract](#)

Cystic Fibrosis (Paediatrics & Adults)

BAKKER, E. M., VOLPI, S., SALONINI, E. et al. 2014.

Small airway deposition of dornase alfa during exacerbations in cystic fibrosis; a randomized controlled clinical trial.

Pediatric Pulmonology, 49(2) 154–161.

[Abstract](#)

BLAU, H., LINNANE, B., CARZINO, R. et al. 2014.

Induced sputum compared to bronchoalveolar lavage in young, non-expectorating cystic fibrosis children.

J. Cyst. Fibros, 13(1), 106-110.

[Abstract](#)

CHUANG, S., DOUMIT, M., MCDONALD, R. et al. 2014.

Annual Review Clinic improves care in children with cystic fibrosis.

J. Cyst. Fibros, 13(2), 186-189.

[Abstract](#)

CONWAY, S., BALFOUR-LYNN, I.M., DE RIJCKE, K. et al. 2014.

European Cystic Fibrosis Society Standards of Care: Framework for the Cystic Fibrosis Centre.

J. Cyst. Fibros, 13 (Suppl 1), S3-S22.

[Abstract](#)

COX, N.S., ALISON, J.A., BUTTON, B.M. et al. 2014.

Validation of a multi-sensor armband during free-living activity in adults with cystic fibrosis.

J. Cyst. Fibros, 13(3), 347-350.

[Abstract](#)

DASSIOS, T.G., KATELARI, A., DOUDOUNAKIS, S. & DIMITRIOU, G. 2014.

Chronic *Pseudomonas aeruginosa* Infection and Respiratory Muscle Impairment in Cystic Fibrosis.

Respir Care, 59(3), 363-370.

[Abstract](#)

FLIGHT, W.G., BRIGHT-THOMAS, R.J., TILSTON, P. et al. 2014.

Incidence and clinical impact of respiratory viruses in adults with cystic fibrosis.

Thorax, 69, 247-253.

[Abstract](#)

GRUBER, W., ORENSTEIN, D.M., BRAUMANN, K.M. & BENEKE, R. 2014.

Interval exercise training in cystic fibrosis — Effects on exercise capacity in severely affected adults.

J. Cyst. Fibros, 13(1), 86-91.

[Abstract](#)

KAMIN, W. & ERDNÜSS, F. 2014.

Inhalation solutions — which ones may be mixed? Physico-chemical compatibility of drug solutions in nebulizers — Update 2013.

J. Cyst. Fibros, 13(3), 243-250.

[Abstract](#)

O'DONOVAN, C., GREALLY, P., CANNY, G. et al. 2014.

Active video games as an exercise tool for children with cystic fibrosis.

J. Cyst. Fibros, 13 (3), 341-346.

[Abstract](#)

SCHNEIDERMAN, J.E., WILKES, D., ATENAFU, E.G. et al. 2014.

Longitudinal relationship between physical activity and lung health in patients with cystic fibrosis.

European Respiratory Journal, 43 (3), 817-823.

[Abstract](#)

SMYTH, A.R., BELL, S.C., BOJCIN, S. et al. 2014.

European Cystic Fibrosis Society Standards of Care: Best Practice guidelines.

J. Cyst. Fibros, 13 (Suppl 1), S23-S42.

[Abstract](#)

STAUDINGER, B.J., MULLER, J.F., HALLDORSSON, S. et al. 2014.

Conditions Associated with the Cystic Fibrosis Defect Promote Chronic *Pseudomonas aeruginosa* Infection.

American Journal of Respiratory and Critical Care Medicine, 189(7), 812-824.

[Abstract](#)

STERN, M., BERTRAND, D.P., BIGNAMINI, E. et al. 2014.

European Cystic Fibrosis Society Standards of Care: Quality Management in cystic fibrosis.

J. Cyst. Fibros, 13 (Suppl 1), S43-S59.

[Abstract](#)

VAN de WEERT-VAN LEEWEN, P.B., HULZEBOS, H.J., WERKMAN, M.S. et al. 2014. Chronic inflammation and infection associate with a lower exercise training response in cystic fibrosis adolescents. *Resp. Med*, 108(3), 445-452. [Abstract](#)

WIELPUTZ, M.O., PUDERBACH, M., KOPPSCHNEIDER, A. et al. 2014. Magnetic Resonance Imaging Detects Changes in Structure and Perfusion, and Response to Therapy in Early Cystic Fibrosis Lung Disease. *American Journal of Respiratory and Critical Care Medicine*, 189(8), 956-965. [Abstract](#)

General Lung Disease

ESQUINAS, A., PAPADAKOS, P. & KOKSAI, G. 2014. Mortality in community-acquired pneumonia associated with chronic obstructive pulmonary disease: Some reflections about this overly complex issue. *The Journal of Critical Care*, 29 (3), 461-46. [Abstract](#)

LITTLE, P., MOORE, M., WILLIAMSON, L., et al. 2014. Delayed antibiotic prescribing strategies for respiratory tract infections in primary care: pragmatic, factorial, randomised controlled trial. *BMJ*, 348, 1606. [Abstract](#)

Interstitial Lung Disease

CAMELI, P., BARGAGLI, E., REFINI, R.M. et al. 2014. Exhaled nitric oxide in interstitial lung diseases. *Respiratory Physiology & Neurobiology*, 197, 46-52. [Abstract](#)

RYERSON, C.J., CAYOU, C., TOPP, F. et al. 2014. Pulmonary rehabilitation improves long-term outcomes in interstitial lung disease: A prospective cohort study. *Resp. Med*. 108(1), 203-210. [Abstract](#)

RYO, K., JENKINS, S. & SENJYO, H. 2014. Evaluation of Activity Limitation in Patients with Idiopathic Pulmonary Fibrosis Grouped According to Medical Research Council Dyspnea Grade. *Archives of Physical Medicine and Rehabilitation*, 95(5), 950-95. [Abstract](#)

VIANELLO, A., ARCARO, G., BATTISTELLA, L. et al. 2014. Noninvasive ventilation in the event of acute respiratory failure in patients with idiopathic pulmonary fibrosis. *The Journal of Critical Care*, 29 (4), 562-567. [Abstract](#)

Lung Cancer

ARBANE, G., DOUIRI, A., HART, N. et al. 2014. Effect of postoperative physical training on activity after curative surgery for non-small cell lung cancer: a multicentre randomised controlled trial. *Physiotherapy*, 100(2), 100–107. [Abstract](#)

BLUM, T.G., HUBER, R.M., JAKOBSEN, E. et al., on behalf of the European Respiratory Society Task Force Report 2014. The European initiative for quality management in lung cancer care. *European Respiratory Journal*, 43(4), 1254-1277. [PDF](#)

Pulmonary Rehabilitation, exercise & activity

ANDRIANOPOULOS, V., FRANSSSEN, F.M.E., PEETERS, J. P. I. et al. 2014. Exercise-induced oxygen desaturation in COPD patients without resting hypoxemia. *Respiratory Physiology & Neurobiology*, 190, 40-46. [Abstract](#)

ARBANE, G., DOUIRI, A., HART, N. et al. 2014. Effect of postoperative physical training on activity after curative surgery for non-small cell lung cancer: a multicenter randomised controlled trial. *Physiotherapy*, 100(2), 100–107. [Abstract](#)

BALAS, M., VASILEVSKIS, E., OLSEN, K. et al. 2014.
Effectiveness and Safety of the Awakening and Breathing Coordination, Delirium Monitoring/Management, and Early Exercise/Mobility Bundle.
Critical Care Medicine, 42(5), 1024-1036.
[Abstract](#)

BARTESAGHI, M., BERETTA, E., POLLASTRI, L. et al. 2014.
Inter-individual differences in control of alveolar capillary blood volume in exercise and hypoxia.
Respiratory Physiology & Neurobiology, 190, 96-104.
[Abstract](#)

BERNHARDT, V. & BABB, T. 2014.
Respiratory Symptom Perception Differs in Obese Women with Strong or Mild Breathlessness During Constant-Load Exercise.
Chest, 145(2), 361-369.
[Abstract](#)

BISCA, G., PROENÇA, M., SALOMÃO, A. et al. 2014.
Minimal Detectable Change of the London Chest Activity of Daily Living Scale in Patients with COPD.
Journal of Cardiopulmonary Rehabilitation & Prevention, 34(3), 213 -216.
[Abstract](#)

CAMERON-TUCKER, H.L., WOOD-BAKER, R, OWEN, C. et al. 2014.
Chronic disease self-management and exercise in COPD as pulmonary rehabilitation: a randomized controlled trial.
Int J Chron Obstruct Pulmon Dis, 9, 513–523.
[Abstract](#)

CASSIDY, S., TURNBULL, S., GARDANI, M. & KIRKWOOD K. 2014.
Attendance at pulmonary rehabilitation classes: An exploration of demographic, physiological and psychological factors that predict completion of treatment.
Chronic Respiratory Disease, 11, 95-102.
[Abstract](#)

CHAN-THIM, E., DUMONT, M., MOULLEC, G. et al. 2014.
Clinical Impact of Time of Day on Acute Exercise Response in COPD.
J. COPD, 11(2), 204-211.
[Abstract](#)

CHENG, S., WU, Y., YANG, M. et al. 2014.
Pulmonary rehabilitation improves heart rate variability at peak exercise, exercise capacity and health-related quality of life in chronic obstructive pulmonary disease.
Heart and Lung, 43(3), 249–255.
[Abstract](#)

CIAVAGLIA, C.E., GUENETTE, J.A., ORA, J. et al. 2014.
Does exercise test modality influence dyspnoea perception in obese patients with COPD?
European Respiratory Journal, 43(6), 1621-1630.
[Abstract](#)

COLLINS, E.G., JELINEK, C., O'CONNELL, S. et al. 2014.
Contrasting breathing retraining and helium–oxygen during pulmonary rehabilitation in COPD: A randomized clinical trial.
Resp. Med, 108(2), 297-306.
[Abstract](#)

CORHAY, J.L., DANG, D.N. VAN CAUWENBERGE, H. & LOUIS, R. 2014.
Pulmonary rehabilitation and COPD: providing patients a good environment for optimizing therapy.
Int J Chron Obstruct Pulmon Dis, 9, 27–39.
[Abstract](#)

COX, N.S., ALISON, J.A., BUTTON, B.M. et al. 2014.
Validation of a multi-sensor armband during free-living activity in adults with cystic fibrosis.
J. Cyst. Fibros, 13(3), 347-350.
[Abstract](#)

DANILACK, V.A., WESTON, N.A., RICHARDSON, C.A. & MORI, D.L. 2014.
Reasons Persons with COPD Do Not Walk and Relationship with Daily Step Count.
J. COPD, 11(3), 290-299.
[Abstract](#)

DE CAMARGO, A., AMARAL, T., RACHED, S. et al. 2014.
Incremental Shuttle Walking Test: A Reproducible and Valid Test to Evaluate Exercise Tolerance in Adults with Non Cystic Fibrosis Bronchiectasis
Archives of Physical Medicine and Rehabilitation, 95(5), 892-899.
[Abstract](#)

DESVEAUX, L., BEAUCHAMP, M., ROLFE, D. et al 2014.
Participant experiences of a community-based maintenance program post-pulmonary rehabilitation.
Chronic Respiratory Disease, 11, 23-30.
[Abstract](#)

FRISK, B., ESPEHAUG, B., HARDIE, J.A. et al. 2014.
Physical activity and longitudinal change in 6-min walk distance in COPD patients.
Resp. Med, 108(1). 86–94.
[Abstract](#)

GAGLIARDI, E., INNOCENTI BRUNI, G., PRESI, I. et al. 2014.
Thoraco-abdominal motion/displacement does not affect dyspnea following exercise training in COPD patients.
Respiratory Physiology & Neurobiology, 190, 124-130.
[Abstract](#)

GIMENO-SANTOS, E., RODRIGUEZ, D.A., BARBERAN-GARCIA, A. et al. 2014.
Endurance Exercise Training Improves Heart Rate Recovery in Patients with COPD.
J. COPD, 11(2), 190-196.
[Abstract](#)

GOKDEMIR, Y. KARADAG-SAYGI, E. ERDEM, E. et al. 2014.
Comparison of conventional pulmonary rehabilitation and high-frequency chest wall oscillation in primary ciliary dyskinesia.
Pediatric Pulmonology, 49 (6), 611-616.
[Abstract](#)

GRUBER, W., ORENSTEIN, D.M., BRAUMANN, K.M. & BENEKE, R. 2014.
Interval exercise training in cystic fibrosis — Effects on exercise capacity in severely affected adults.
J. Cyst. Fibros, 13(1), 86-91.
[Abstract](#)

HOLM, S. M., RODGERS, W., HAENNEL, R. G. et al. 2014.
Effect of modality on cardiopulmonary exercise testing in male and female COPD patients.
Respiratory Physiology & Neurobiology, 192, 30-38.
[Abstract](#)

JACOME, C. & MARQUES, A. 2014.
Pulmonary Rehabilitation for Mild COPD: A Systematic Review.
Respir Care, 59(4), 588-594.
[Abstract](#)

JAMES, S., JHANJI, S., SMITH, A. et al. 2014.
Comparison of the prognostic accuracy of scoring systems, cardiopulmonary exercise testing, and plasma biomarkers: a single-centre observational pilot study.
British Journal of Anaesthesia, 112(3), 491-497.
[Abstract](#)

JANAUDIS-FERREIRA, T., BEAUCHAMP, M.K., GAMES ROBLES, P. et al. 2014.
Measurement of Activities of Daily Living in Patients with COPD: A Systematic Review.
Chest, 145(2), 253-271.
[Abstract](#)

JOHNSON-WARRINGTON, V., HARRISON, S., MITCHELL, K. et al. 2014.
Exercise Capacity and Physical Activity in Patients With COPD and Healthy Subjects Classified as Medical Research Council Dyspnea Scale Grade 2.
Journal of Cardiopulmonary Rehabilitation & Prevention, 34(2), 150 – 154.
[Abstract](#)

JONES, S.E., GREEN, S.A., CLARK, A.L. et al. 2014.
Pulmonary rehabilitation following hospitalization for acute exacerbation of COPD: referrals, uptake and adherence.
Thorax, 69, 181-182.
[Abstract](#)

KAMISKY, D.A., KNYAZHITSKIY, A., SADEGHI, A., IRVIN, C.G. 2014.

Assessing Maximal Exercise Capacity: Peak Work or Peak Oxygen Consumption?

Respir Care, 59(1), 90-96.

[Full Text](#)

KAMM, P., SCHMID, J-P., MURI, R. et al. 2014. Interdisciplinary Cardiovascular and Neurologic Outpatient Rehabilitation in Patients Surviving Transient Ischemic Attack or Stroke with Minor or No Residual Deficits.

Archives of Physical Medicine and Rehabilitation, 95(4), 656-662.

[Abstract](#)

KARLOH, M., KARSTEN, M., PISSAIA FV. et al. 2014.

Physiological responses to the Glittre-ADL test in patients with chronic obstructive pulmonary disease.

J Rehabil Med, 46(1), 88-94.

[Abstract](#)

KON, S.S.C., CANAVAN, J.L., NOLAN, C.M. et al. 2014.

The 4-metre gait speed in COPD: responsiveness and minimal clinically important difference.

European Respiratory Journal, 43(4), 1298-1305.

[Abstract](#)

LACOMBE, S., LAHAYE, S., HOPKINS-ROSSEEL, D et al. 2014.

Identifying Patients at Low Risk for Activity-Related Events: The rare score.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(3), 180-187.

[Abstract](#)

LEEDEN, M., BART STAAL, J., BEEKMAN, E. et al. 2014.

Development of a framework to describe goals and content of exercise interventions in physical therapy: a mixed method approach including a systematic review.

Physical Therapy Reviews, 19(1), 1-14.

[Abstract](#)

LEIDY, N.K., KIMEL, M., AJAGBE, L. et al. 2014.

Designing trials of behavioural interventions to increase physical activity in patients with COPD: Insights from the chronic disease literature.

Resp. Med, 108(3), 472-481.

[Abstract](#)

LEWKO, A., BIDGOOD, P.L., JEWELL, A. & GARROD, R. 2014.

Evaluation of multidimensional COPD-related subjective fatigue following a Pulmonary Rehabilitation programme.

Resp. Med, 108(1), 95 – 102.

[Abstract](#)

LOK, S. K., CAUGHEY, G. & JOHNSTON, K. 2014.

The association between co-morbidities and physical performance in people with chronic obstructive pulmonary disease: A systematic review.

Chronic Respiratory Disease, 11, 3-13.

[Abstract](#)

LOUGHNEY, L., WEST, M., PINTUS, S. et al. 2014.

Comparison of oxygen uptake during arm or leg cardiopulmonary exercise testing in vascular surgery patients and control subjects.

British Journal of Anaesthesia, 112(1), 57-65.

[Abstract](#)

MADOR, M., MOGRI, M. & PATEL, A. 2014.

Contractile Fatigue of the Quadriceps Muscle Predicts Improvement in Exercise Performance After Pulmonary Rehabilitation.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 54-61.

[Abstract](#)

MEIJER, K., ANNEGARN, J., PASSOS, V.L. et al. 2014.

Characteristics of daily arm activities in patients with COPD.

European Respiratory Journal, 43(6), 1631-1641.

[Abstract](#)

MEIS, J.J.M., BOSMA, C.B., SPRUIT, M.A. et al. 2014.

A qualitative assessment of COPD patients' experiences of pulmonary rehabilitation and guidance by healthcare professionals.

Resp. Med, 108(3), 500-510.

[Abstract](#)

MOY, M.L., TEYLAN, M., WESTON, N.A. et al. 2014.

Daily Step Count Is Associated With Plasma C-reactive protein and IL-6 in a US Cohort with COPD.

Chest, 145(3), 542-550.

[Abstract](#)

PAHOR, M., GURALNIK, J. M., AMBROSIUS, W. T., et al. 2014.

Effect of structured physical activity on prevention of major mobility disability in older adults: the LIFE study randomized clinical trial.

The Journal of the American Medical Association, 311(23), 2387-2396.

[Abstract](#)

PARREIRA, V.F., JANAUDIS-FERREIRA, T., EVANS, R.A. et al. 2014.

Measurement Properties of the Incremental Shuttle Walk Test: A Systematic Review

Chest, 145(6), 1357-1369.

[Abstract](#)

PATEL, M.S., MOHAN, D., ANDERSSON, Y.M. et al. 2014.

Phenotypic Characteristics Associated With Reduced Short Physical Performance Battery Score in COPD.

Chest, 145(5), 1016-1024.

[Abstract](#)

POHLE-KRAUZA, R., MCCARROLL, M., PANNIKOTTU, K. et al. 2014.

Body Mass Index Moderates the Effects of Portable Oxygen Transport Modality on 6-Minute Walk Distance in Patients With COPD.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 62-68.

[Abstract](#)

RAMON, M.A., GIMENO-SANTOS, E., FERRER, J. et al., and the PAC-COPD Study Group 2014.

Hospital admissions and exercise capacity decline in patients with COPD.

European Respiratory Journal, 43(4), 1018-1027.

[Abstract](#)

RICCI, C., TERZONI, S., GAETA, M. et al. 2014.

Physical Training and Noninvasive Ventilation in COPD Patients: A Meta-Analysis.

Respir Care, 59(5), 709717

[Abstract](#)

ROBLES, P., BROOKS, D., GOLDSTEIN, R. et al. 2014.

Gender-Associated Differences in Pulmonary Rehabilitation Outcomes in People with Chronic Obstructive Pulmonary Disease: A Systematic Review.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(2), 87-97.

[Abstract](#)

RYERSON, C.J., CAYOU, C., TOPP, F. et al. 2014.

Pulmonary rehabilitation improves long-term outcomes in interstitial lung disease: A prospective cohort study.

Resp. Med. 108(1), 203-210.

[Abstract](#)

RYO, K., JENKINS, S. & SENJYO, H. 2014.

Evaluation of Activity Limitation in Patients with Idiopathic Pulmonary Fibrosis Grouped According to Medical Research Council Dyspnea Grade.

Archives of Physical Medicine and Rehabilitation, 95(5), 950-95.

[Abstract](#)

SCHNEIDERMAN, J.E., WILKES, D., ATENAFU, E.G. et al. 2014.

Longitudinal relationship between physical activity and lung health in patients with cystic fibrosis.

European Respiratory Journal, 43 (3), 817-823.

[Abstract](#)

SPENCER, L., ALISON, J. & MCKEOUGH, Z. 2014.

Evaluating the need for two incremental shuttle walk tests during a maintenance exercise program in people with COPD.

Physiotherapy, 100(2), 123–127.

[Abstract](#)

SPRUIT, M.A., PITTA, F., GARVEY, C. et al. 2014.

On behalf of the ERS Rehabilitation and Chronic Care, and Physiotherapists Scientific Groups, the American Association of Cardiovascular and Pulmonary Rehabilitation, the ATS Pulmonary Rehabilitation Assembly and the ERS COPD Audit team 2014.

Differences in content and organisational aspects of pulmonary rehabilitation programmes.

European Respiratory Journal, 43(5), 1326-1337.

[Abstract](#)

TASOULIS, A., DIMOPOULOS, S., REPASOS, E. et al. 2014.

Respiratory drive and breathing pattern abnormalities are related to exercise intolerance in chronic heart failure patients.

Respiratory Physiology & Neurobiology, 192, 90-94.

[Abstract](#)

TEOPOMPI, E., TZANI, P., AIELLO, M. et al. 2014.

Excess ventilation and ventilatory constraints during exercise in patients with chronic obstructive pulmonary disease.

Respiratory Physiology & Neurobiology, 197, 9-14.

[Abstract](#)

THIRAPATARAPONG, W., ARMSTRONG, H. & BARTELS, M. 2014.

Comparison of cardiopulmonary exercise testing variables in COPD patients with and without coronary artery disease.

Heart and Lung, 43(2), 146–151.

[Abstract](#)

THORPE, O., KUMAR, S. & JOHNSTON, K. 2014.

Barriers to and enablers of physical activity in patients with COPD following a hospital admission: a qualitative study.

Int J Chron Obstruct Pulmon Dis, 9, 115–128.

[Abstract](#)

VAN de WEERT-VAN LEEWEN, P.B., HULZEBOS, H.J., WERKMAN, M.S. et al. 2014.

Chronic inflammation and infection associate with a lower exercise training response in cystic fibrosis adolescents.

Resp. Med, 108(3), 445-452.

[Abstract](#)

VAN der VAART, H., MURGATROYD, S.R., ROSSITER, H.B. et al. 2014.

Selecting Constant Work Rates for Endurance Testing in COPD: The Role of the Power-Duration Relationship.

J. COPD, 11(3), 267–276.

[Abstract](#)

VIEIRA, F.C., DE MELO MARINHO, P.E., BRANDAO, D.C. et al. 2014.

Respiratory Muscle Strength, the Six-Minute Walk Test and Quality of Life in Chagas Cardiomyopathy.

Physiotherapy Research International, 19(1), 16-24.

[Abstract](#)

WASSERMAN, K., COX, T. A. & SIETSEMA, K. E. 2014.

Ventilatory regulation of arterial H⁺ (pH) during exercise.

Respiratory Physiology & Neurobiology, 190, 142-148.

[Abstract](#)

WEST, M.A., LYTHGOE, D., BARBEN, C.P. et al. 2014.

Cardiopulmonary exercise variables are associated with postoperative morbidity after major colonic surgery: a prospective blinded observational study.

British Journal of Anaesthesia, 112 (4), 665-671.

[Abstract](#)

WOOTTON, S., NG, C., MCKEOUGH, Z et al. 2014.

Estimating endurance shuttle walk test speed using the six-minute walk test in people with chronic obstructive pulmonary disease.

Chronic Respiratory Disease, 11, 89-94.

[Abstract](#)

Neurology

Neuromuscular Disorders

CHEN, T.H., HSU, J.H., WU, J.R. et al. 2014.
Combined noninvasive ventilation and mechanical in-exsufflator in the treatment of pediatric acute neuromuscular respiratory failure.
Pediatric Pulmonology, 49(6), 589-596.

[Abstract](#)

FITZGERALD, K., DUGRE, J., PAGALA, S. 2014.

High-Frequency Chest Wall Compression Therapy in Neurologically Impaired Children.
Respir Care, 59(1), 107-112.

[Full Text](#)

JENKINS, H.M., STOCKI, A., KRIELLAARS, D & PASTERKAMP, H. 2014.

Breath stacking in children with neuromuscular disorders.

Pediatric Pulmonology, 49(6), 544-553.

[Abstract](#)

KHIRANI, S., RAMIREZ, A., AUBERTIN, G. et al. 2014.

Respiratory muscle decline in Duchenne muscular dystrophy.

Pediatric Pulmonology, 49(5), 473-481.

[Abstract](#)

LOFASO, F., PRIGENT, H., TIFFREAU, V. et al. 2014.

Long-Term Mechanical Ventilation Equipment for Neuromuscular Patients: Meeting the Expectations of Patients and Prescribers.

Respir Care, 59(1), 97-106.

[Full Text](#)

LOMAURO, A., ROMEI, M., D'ANGELO, M.G. & ALIVERTI, A. 2014.

Determinants of cough efficiency in Duchenne muscular dystrophy.

Pediatric Pulmonology, 49(4), 357-365.

[Abstract](#)

LOMAURO, A., ROMEI, M., PRIORI, R. et al. 2014.

Alterations of Thoraco-abdominal volumes and asynchronies in patients with spinal muscle atrophy type III.

Respiratory Physiology & Neurobiology, 197,1-8.

[Abstract](#)

SILVERMAN, E.P., CARNABY-MANN, G., PITTS, T. et al. 2014.

Concordance and Discriminatory Power of Cough Measurement Devices for Individuals with Parkinson Disease.

Chest, 145(5), 1089-1096.

[Abstract](#)

Spinal cord injury

TESTER, N.J., FULLER, D.D., FROMM, J.S. et al. 2014.

Long-Term Facilitation of Ventilation in Humans with Chronic Spinal Cord Injury

American Journal of Respiratory and Critical Care Medicine, 189(1), 57-65.

[Full Text](#)

WERNDEL, M., SAADOUN, S., PHANG, I. et al. 2014.

Monitoring of Spinal Cord Perfusion Pressure in Acute Spinal Cord Injury: Initial Findings of the Injured Spinal Cord Pressure Evaluation Study.

Critical Care Medicine, 42(3), 646-655.

[Abstract](#)

NIV and CPAP

CARRON, M., ROSSI, S., CAROLLO, C. & ORI, C. 2014.

Comparison of invasive and noninvasive positive pressure ventilation delivered by means of a helmet for weaning of patients from mechanical ventilation.

The Journal of Critical Care, 29(4), 580-585.

[Abstract](#)

CHEN, T.H., HSU, J.H., WU, J.R. et al. 2014.

Combined noninvasive ventilation and mechanical in-exsufflator in the treatment of pediatric acute neuromuscular respiratory failure.

Pediatric Pulmonology, 49(6), 589-596.

[Abstract](#)

EKKERNKAMP, E., KABITZ, H-J., WALKER, D.J. et al. 2014.

Minute Ventilation During Spontaneous Breathing, High-Intensity Noninvasive Positive Pressure Ventilation and Intelligent Volume Assured Pressure Support in Hypercapnic COPD.

J. COPD, 11(1), 52-58.

[Abstract](#)

ESSOURI, S., LAURENT, M., CHEVRET, L., et al. 2014.

Improved clinical and economic outcomes in severe bronchiolitis with pre-emptive nCPAP ventilatory strategy.

Intensive Care Medicine, 40(1), 84 – 91.

[Abstract](#)

FAVA, C., DORIGONI, S., VEDOVE, F.D., et al. 2014.

Effect of CPAP on Blood Pressure in Patients with OSA/Hypopnea: A Systematic Review and Meta-analysis.

Chest, 145(4), 762-771.

[Abstract](#)

GALLI, J.A., KRAHNKE, J.S., MAMARY, A.J. et al. 2014.

Home non-invasive ventilation use following acute hypercapnic respiratory failure in COPD.

Resp. Med, 108(5), 722-728.

[Abstract](#)

GARUTTI, I., PUENTE-MAESTU, L., LASO, J. et al. 2014.

Comparison of gas exchange after lung resection with a Boussignac CPAP or Venturi mask.

British Journal of Anaesthesia, 112 (5), 929-935.

[Abstract](#)

HANNAN, L.M., DOMINELLI, G.S., CHEN, Y-W. et al. 2014.

Systematic review of non-invasive positive pressure ventilation for chronic respiratory failure.

Resp. Med, 108 (2), 229 - 243.

[Abstract](#)

HELD, M., WALTHELM, J., BARON, S. et al. 2014.

Functional impact of pulmonary hypertension due to hypoventilation and changes under noninvasive ventilation.

European Respiratory Journal, 43(1), 156-165.

[Abstract](#)

LELLOUCHE, F., L'HER, E., ABROUG, F., et al. 2014.

Impact of the humidification device on intubation rate during noninvasive ventilation with ICU ventilators: results of a multicenter randomized controlled trial.

Intensive Care Medicine, 40(2), 211 – 219.

[Abstract](#)

LIN, C., YU, H., FAN, H. & LI, Z. 2014.

The efficacy of noninvasive ventilation in managing post Extubation respiratory failure: A meta-analysis.

Heart and Lung, 43 (2), 99–104.

[Abstract](#)

LORUT, C., LEFEBVRE, A., PLANQUETTE, B., et al. 2014.

Early postoperative prophylactic noninvasive ventilation after major lung resection in COPD patients: a randomized controlled trial.

Intensive Care Medicine, 40(2), 220 – 227.

[Abstract](#)

PALLIN, M. & NAUGHTON, M. 2014.

Noninvasive ventilation in acute asthma.

The Journal of Critical Care, 29(4), 586-593.

[Abstract](#)

RICCI, C., TERZONI, S., GAETA, M. et al. 2014.

Physical Training and Noninvasive Ventilation in COPD Patients: A Meta-Analysis.

Respir Care, 59(5), 709-717

[Abstract](#)

ROSSI, V.A., SCHWARZ, E.I., BLOCH, K.E. et al. 2014.

Is continuous positive airway pressure necessarily an everyday therapy in patients with obstructive sleep apnoea?

European Respiratory Journal, 43(5), 1387-1393.

[Abstract](#)

SCHNELL, D., TIMSIT, J.F., DARMON, M., et al. 2014.

Noninvasive mechanical ventilation in acute respiratory failure: trends in use and outcomes.

Intensive Care Medicine, 40(4), 582 – 591.

[Abstract](#)

STRUICK, F.M., LACASSE, Y., GOLDSTEIN, R.S. et al. 2014.

Nocturnal noninvasive positive pressure ventilation in stable COPD: A systematic review and individual patient data meta-analysis.

Resp. Med, 108 (2), 329-337.

[Abstract](#)

TERZI, N., NORMAND, H., DUMANOWSKI, E. et al. 2014.

Noninvasive Ventilation and Breathing-Swallowing Interplay in Chronic Obstructive Pulmonary Disease.

Critical Care Medicine, 42(3), 565-573.

[Abstract](#)

UGURLU, A.O., SIDHOM, S.S., KHODABANDEH, A. et al, 2014.

Use and Outcomes of Noninvasive Positive Pressure Ventilation in Acute Care Hospitals in Massachusetts.

Chest, 145(5), 964-971.

[Abstract](#)

VIANELLO, A., ARCARO, G., BATTISTELLA, L. et al. 2014.

Noninvasive ventilation in the event of acute respiratory failure in patients with idiopathic pulmonary fibrosis.

The Journal of Critical Care, 29 (4), 562-567.

[Abstract](#)

Obstructive Sleep Apnoea & Obesity

BERNHARDT, V. & BABB, T. 2014.

Respiratory Symptom Perception Differs in Obese Women with Strong or Mild Breathlessness During Constant-Load Exercise.

Chest, 145(2), 361-369.

[Abstract](#)

CIAVAGLIA, C.E., GUENETTE, J.A., ORA, J. et al. 2014.

Does exercise test modality influence dyspnoea perception in obese patients with COPD?

European Respiratory Journal, 43(6), 1621-1630.

[Abstract](#)

FAVA, C., DORIGONI, S., VEDOVE, F.D., et al. 2014.

Effect of CPAP on Blood Pressure in Patients with OSA/Hypopnea: A Systematic Review and Meta-analysis.

Chest, 145(4), 762-771.

[Abstract](#)

HOLLIER, C.A., HARMER, A.R., MAXWELL, L.J. et al. 2014.

Moderate concentrations of supplemental oxygen worsen hypercapnia in obesity hypoventilation syndrome: a randomised crossover study.

Thorax, 69, 346-353.

[Abstract](#)

HOLLIER, C. A., HARMER, A. R., MAXWELL, L. J. et al. 2014.

Validation of respiratory inductive plethysmography (LifeShirt) in obesity hypoventilation syndrome.

Respiratory Physiology & Neurobiology, 194, 15-22.

[Abstract](#)

JORDAN, A.S., MCSHARRY, D.G. & MALHOTRA, A. 2014.

Adult obstructive sleep apnoea.

The Lancet, 383 (9918), 736-747.

[Abstract](#)

MIECZKOWSKI, B. & EZZIE, M.E. 2014.

Update on obstructive sleep apnea and its relation to COPD.

Int J Chron Obstruct Pulmon Dis, 9, 349–362.

[Abstract](#)

PLEN, G.W., PACK, A.I., JACKSON, N. et al. 2014.

Risk factors for sleep-disordered breathing in pregnancy.

Thorax, 69, 371-377.

[Abstract.](#)

ROSSI, V.A., SCHWARZ, E.I., BLOCH, K.E. et al. 2014.

Is continuous positive airway pressure necessarily an everyday therapy in patients with obstructive sleep apnoea?

European Respiratory Journal, 43(5), 1387-1393.

[Abstract](#)

SOOD, A., PETERSEN, H., MEEK, P. & TESFAIGZI, Y. 2014.

Spirometry and Health Status Worsen with Weight Gain in Obese Smokers but Improve in Normal-Weight Smokers.

American Journal of Respiratory and Critical Care Medicine, 189(3). 274-281.

[Full Text](#)

Oxygen

HOLLIER, C.A., HARMER, A.R., MAXWELL, L.J. et al. 2014.

Moderate concentrations of supplemental oxygen worsen hypercapnia in obesity hypoventilation syndrome: a randomised crossover study.

Thorax, 69, 346-353.

[Abstract](#)

SUZUKI, S., EASTWOOD, G., GLASSFORD, N. et al. 2014.

Conservative Oxygen Therapy in Mechanically Ventilated Patients: A Pilot Before-and-After Trial.

Critical Care Medicine, 42 (6), 1414-1422.

[Abstract](#)

Paediatrics (non-CF)

BLACKWOOD, B., CLARKE, M., McCAULEY, D.F. et al. 2014.

How Outcomes Are Defined in Clinical Trials of Mechanically Ventilated Adults and Children.

American Journal of Respiratory and Critical Care Medicine, 189(8), 886-893.

[Abstract](#)

CHOONG, K., CHACON, M., WALKER, R. et al. 2014

Early Rehabilitation in Critically Ill Children: A Pilot Study.

Pediatric Critical Care Medicine, 15(4), 8.

[Abstract](#)

CHOONG, K., FRASER, D.J., HUTCHISON, J. et al. 2014.

Acute Rehabilitation Practices in Critically Ill Children: A Multi-centre study.

Pediatric Critical Care Medicine, 15(4), 12-13.

[Abstract](#)

CROWE, L., TURNER, J. & YOUNG, J. 2014
What do we really understand about the impact of Critical Care on PICU Staff? A review of the literature.

Pediatric Critical Care Medicine, 15(4), 199.

[Abstract](#)

DEAN, S. DIXON, M. PHILLIPS, T. et al. 2014
A multiprofessional approach towards improving the patient journey through a Paediatric Intensive Care unit in the United Kingdom.

Pediatric Critical Care Medicine, 15(4), 200.

[Abstract](#)

ELLIOTT, J., BUTT, W., DUKE, T. et al. 2014.

Clinical Predictors of Extubation Failure in PICU.

Pediatric Critical Care Medicine, 15(4), 95.

[Abstract](#)

ERTUGRUL, A., BAYRAKCI, B., ERTUGRUL, I. et al. 2014

Home Mechanical Ventilation in Children.

Pediatric Critical Care Medicine, 15(4), 96.

[Abstract](#)

ESSOURI, S., LAURENT, M., CHEVRET, L., et al. 2014.

Improved clinical and economic outcomes in severe bronchiolitis with pre-emptive nCPAP ventilatory strategy.

Intensive Care Medicine, 40(1), 84 – 91.

[Abstract](#)

FÉLIX, E., GIMENES, A.C., COSTA-CARVALHO, B.T. et al. 2014.

Effects of inspiratory muscle training on lung volumes, respiratory muscle strength, and quality of life in patients with ataxia telangiectasia.

Pediatric Pulmonology, 49(3), 238-244.

[Abstract](#)

FITZGERALD, K., DUGRE, J., PAGALA, S. 2014.

High-Frequency Chest Wall Compression Therapy in Neurologically Impaired Children.

Respir Care, 59(1), 107-112.

[Full Text](#)

JENKINS, H.M., STOCKI, A., KRIELLAARS, D & PASTERKAMP, H. 2014.

Breath stacking in children with neuromuscular disorders.

Pediatric Pulmonology, 49(6), 544-553.

[Abstract](#)

KHIRANI, S., RAMIREZ, A., AUBERTIN, G. et al. 2014.

Respiratory muscle decline in Duchenne muscular dystrophy.

Pediatric Pulmonology, 49(5), 473-481.

[Abstract](#)

LATI, J., PELLOW, V., SPROULE, J. et al. 2014.
Examining inter-rater reliability and validity of a pediatric cardiopulmonary discharge tool.
Physiotherapy Canada, 66(2), 153 - 159.
[Abstract](#)

LOMAURO, A., ROMEI, M., D'ANGELO, M.G. & ALIVERTI, A. 2014.
Determinants of cough efficiency in Duchenne muscular dystrophy.
Pediatric Pulmonology, 49(4), 357–365.
[Abstract](#)

LOMAURO, A., ROMEI, M., PRIORI, R. et al. 2014.
Alterations of thoraco-abdominal volumes and asynchronies in patients with spinal muscle atrophy type III.
Respiratory Physiology & Neurobiology, 197,1-8.
[Abstract](#)

MCALINDEN, B., NTOUMENOPOULOS, G., JAUNCEY-COOKE, J. et al. 2014.
Effect of Chest Physiotherapy (CPT) on Regional Lung Ventilation and Gas Exchange in Ventilated Children using Electrical Impedance Tomography (EIT).
Pediatric Critical Care Medicine, 15(4), 102–103.
[Abstract](#)

McNARMARA, D.G., ASHER, M.I., RUBIN, A. et al. 2014.
Heated Humidification Improves Clinical Outcomes, Compared to a Heat and Moisture Exchanger in Children With Tracheostomies.
Respir Care, 59(1), 46-53.
[Full Text](#)

TAYLOR J.S., VERNIER, M.C. & LANDRY, M.D. 2014.
What do we know about knowledge brokers in pediatric rehabilitation? A systematic search and narrative summary.
Physiotherapy Canada, 66(2), 143.
[Abstract](#)

VOITENKOV, V., VILNITS, A. A., SKRIPCHENKO, N.V. et al. 2014.
Critical Illness Polyneuropathy in Children with Infectious Diseases
Pediatric Critical Care Medicine, 15(4), 199.
[Abstract](#)

WAKEHAM, M.K., KUHN, E.M., LEE, K.J., et al. 2014.
Use of tracheostomy in the PICU among patients requiring prolonged mechanical ventilation.
Intensive Care Medicine, 40(6), 863 – 870.
[Abstract](#)

WAKEHAM, M.K., KUHN, E.M., LEE, K.J., et al. 2014.
Use of tracheostomy in the PICU among patients requiring prolonged mechanical ventilation.
Intensive Care Medicine, 40(6), 863 – 870.
[Abstract](#)

WRIGHT, S., MANDRUSIAK, A., RAMSBOTHAM, N et al. 2014.
The use of Simulated Learning to Enhance Cardiorespiratory Acute Paediatric Physiotherapy across Queensland.
Pediatric Critical Care Medicine 15(4), 222.
[Abstract](#)

Neonatal care

SUN, H., CHENG, R., KANG, W. et al. 2014.
High-Frequency Oscillatory Ventilation versus Synchronized Intermittent Mandatory Ventilation plus Pressure Support in Preterm Infants with Severe Respiratory Distress Syndrome.
Respir Care, 59(2), 159-169.
[Full Text](#)

Palliative / End of life care

PUNTILLO, K., NELSON, J.E., WEISSMAN, D., et al. 2014.
Palliative care in the ICU: relief of pain, dyspnea, and thirst—A report from the IPAL-ICU Advisory Board.
Intensive Care Medicine, 40(2), 235 – 248.
[Abstract](#)

Physiology and Lung Function

DE BISSCHOP, C., BELOKA, S., GROEPENHOFF, H. et al. 2014.
Is there a competition for oxygen availability between respiratory and limb muscles?
Respiratory Physiology & Neurobiology, 196, 8-16.
[Abstract](#)

EBERLEIN, M., SCHMIDT, G.A. & BROWER, R.G. 2014.

Chest Wall Strapping. An Old Physiology Experiment with New Relevance to Small Airways Diseases

Annals of the American Thoracic Society, 11(8), 1258-1266.

[Abstract](#)

HAYNES, J.M. 2014.

Pulmonary Function Test Quality in the Elderly: A Comparison with Younger Adults.

Respir Care, 59(1), 16-21.

[Full Text](#)

LEIVSETH, L., LUND NILSEN, T.I., MAI, X-M., et al. 2014.

Lung Function and Respiratory Symptoms in Association with Mortality: The HUNT Study.

J. COPD, 11(1), 59-80.

[Abstract](#)

REDLICH, C.A., TARLO, S.M., HANKINSON, J.L. et al. 2014.

Official American Thoracic Society Technical Standards: Spirometry in the Occupational Setting.

American Journal of Respiratory and Critical Care Medicine, 189(8), 983-993.

[Abstract](#)

WANG, W., MA, D., LI, T. et al. 2014.

People with older age and lower FEV1%pred tend to have a smaller FVC than VC in pre-bronchodilator spirometry.

Respiratory Physiology & Neurobiology, 194, 1-5.

[Abstract](#)

Respiratory Physiotherapy

CORK, G., BARNETT, N &

NTOUMENOPOULOS, G. 2014.

Justification for Chest Physiotherapy during Ultra-Protective Lung Ventilation and Extra-Corporeal Membrane Oxygenation: A Case Study

Physiotherapy Research International, 19(2), 126-128.

[Abstract](#)

MCALINDEN, B., NTOUMENOPOULOS, G., JAUNCEY-COOKE, J. et al. 2014.

Effect of Chest Physiotherapy (CPT) on Regional Lung Ventilation and Gas Exchange in Ventilated Children using Electrical Impedance Tomography (EIT).

Pediatric Critical Care Medicine, 15(4), 102-103.

[Abstract](#)

OSADNIK, C., STUART-ANDREWS, C., ELLIS, S. et al. 2014.

Positive Expiratory Pressure via Mask Does Not Improve Ventilation Inhomogeneity More than Huffing and Coughing in Individuals with Stable Chronic Obstructive Pulmonary Disease and Chronic Sputum Expectoration.

Respiration, 87(1), 38-44.

[Abstract](#)

OSADNIK, C.R., MCDONALD, C.F., MILLER, B.R. et al. 2014.

The effect of positive expiratory pressure (PEP) therapy on symptoms, quality of life and incidence of re-exacerbation in patients with acute exacerbations of chronic obstructive pulmonary disease: a multicentre, randomised controlled trial.

Thorax, 69,137-143.

[Abstract](#)

SCHOFIELD, L.M. & HOROBIN, H.E. 2014.

Growing up with Primary Ciliary Dyskinesia in Bradford, UK: exploring patients experiences as a physiotherapist.

Physiotherapy Theory and Practice, 30(3), 157-164.

[Abstract](#)

SRICHAROENCHAI, T., PARKER, A., ZANNI, J. et al. 2014.

Safety of physical therapy interventions in critically ill patients: A single-center prospective evaluation of 1110 intensive care unit admissions.

The Journal of Critical Care, 29(3), 395-400.

[Abstract](#)

WESTERDAHL, E., URELL, C., JONSSON, M. et al. 2014.

Deep Breathing Exercises Performed 2 Months Following Cardiac Surgery: A randomized controlled trial.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 34 -42.

[Abstract](#)

WRIGHT, S., MANDRUSIAK, A., RAMSBOTHAM, N et al. 2014.

The use of Simulated Learning to Enhance Cardiorespiratory Acute Paediatric Physiotherapy across Queensland.

Pediatric Critical Care Medicine 15(4), 222.

[Abstract](#)

Smoking Cessation

GUO, S., RATNER, P., OKOLI, C & JOHNSON, J. 2014.

The gender-specific association between asthma and the need to smoke tobacco.

Heart and Lung, 43 (1), 77–83.

[Abstract](#)

GRATZIOU, C., FLOROU, A., ISCHAKI, E. et al. 2014.

Smoking cessation effectiveness in smokers with COPD and asthma under real life conditions.

Resp. Med, 108(4), 557-583.

[Abstract](#)

HOLLAMS, E.M., DE KLERK, N.H., HOLT, P.G. & SLY, P.D. 2014.

Persistent Effects of Maternal Smoking during Pregnancy on Lung Function and Asthma in Adolescents.

American Journal of Respiratory and Critical Care Medicine, 189(4), 401-407.

[Abstract](#)

SOOD, A., PETERSEN, H., MEEK, P. & TESFAIGZI, Y. 2014.

Spirometry and Health Status Worsen with Weight Gain in Obese Smokers but Improve in Normal-Weight Smokers.

American Journal of Respiratory and Critical Care Medicine, 189(3). 274-281.

[Full Text](#)

TAYLOR, G., MCNEILL, A., GIRLING, A., et al. 2014.

Change in mental health after smoking cessation: systematic review and meta-analysis. *BMJ*, 348, 1151.

[Abstract](#)

Surgery

Pre-operative Physiotherapy & inspiratory muscle training

ALLOU, N., BRONCHARD, R., GUGLIELMINOTTI, J. et al. 2014.

Risk Factors for Postoperative Pneumonia after Cardiac Surgery and Development of a Preoperative Risk Score

Critical Care Medicine, 42(5), 1150-1156.

[Abstract](#)

BROWN, P. I., JOHNSON, M. A. & SHARPE, G. R. 2014.

Determinants of inspiratory muscle strength in healthy humans.

Respiratory Physiology & Neurobiology, 196, 50-55.

[Abstract](#)

FÉLIX, E., GIMENES, A.C., COSTA-CARVALHO, B.T. et al. 2014.

Effects of inspiratory muscle training on lung volumes, respiratory muscle strength, and quality of life in patients with ataxia telangiectasia.

Pediatric Pulmonology, 49(3), 238–244.

[Abstract](#)

SNOWDON, D., HAINES, TP. & SKINNER, EH. 2014.

Preoperative intervention reduces postoperative pulmonary complications but

Not length of stay in cardiac surgical patients: a systematic review.

Journal of Physiotherapy, 60(2). 66-77.

[Abstract](#)

VAN BUUREN, S., HULZEBOS, E.H.J., VALKENET, K. et al. 2014.

Reference chart of inspiratory muscle strength: a new tool to monitor the effect of pre-operative training.

Physiotherapy, 100(2), 128–133.

[Abstract](#)

Cardiothoracic Surgery

ALLOU, N., BRONCHARD, R., GUGLIELMINOTTI, J. et al. 2014. Risk Factors for Postoperative Pneumonia after Cardiac Surgery and Development of a Preoperative Risk Score *Critical Care Medicine*, 42(5), 1150-1156. [Abstract](#)

ARBANE, G., DOUIRI, A., HART, N. et al. 2014. Effect of postoperative physical training on activity after curative surgery for non-small cell lung cancer: a multicentre randomised controlled trial. *Physiotherapy*, 100(2), 100–107. [Abstract](#)

ELIAS, A. S. N. T., OLIVEIRA, G. P., ORNELLAS, D. S. et al. 2014. Effects of early and late pneumothorax drainage on the development of pulmonary oedema. *Respiratory Physiology & Neurobiology*, 195, 27-36. [Abstract](#)

GARUTTI, I., PUENTE-MAESTU, L., LASO, J. et al. 2014. Comparison of gas exchange after lung resection with a Boussignac CPAP or Venturi mask. *British Journal of Anaesthesia*, 112 (5), 929-935. [Abstract](#)

IVARSSON, B., EKMEHAG, B. & SJÖBERG, T. 2014. Relative's experiences before and after a heart or lung transplantation. *Heart and Lung*, 43 (3), 198–203. [Abstract](#)

LORUT, C., LEFEBVRE, A., PLANQUETTE, B., et al. 2014. Early postoperative prophylactic noninvasive ventilation after major lung resection in COPD patients: a randomized controlled trial. *Intensive Care Medicine*, 40(2), 220 – 227. [Abstract](#)

NAWA, R., LETTVIN, C., WINKELMAN, C., EVORA, P., PERME, C. Initial interrater reliability for a novel measure of patient mobility in a cardiovascular intensive care unit. *The Journal of Critical Care*, 29 (3), 474.e1-475.e5 [Abstract](#)

SNOWDON, D., HAINES, TP. & SKINNER, EH. 2014. Preoperative intervention reduces postoperative pulmonary complications but Not length of stay in cardiac surgical patients: a systematic review. *Journal of Physiotherapy*, 60(2). 66-77. [Abstract](#)

VERLEDEN, S.E., VASILESCU, D.M., WILLEMS, S. et al. 2014. The Site and Nature of Airway Obstruction after Lung Transplantation. *American Journal of Respiratory and Critical Care Medicine*, 189(3), 292-300. [Abstract](#)

WESTERDAHL, E., URELL, C., JONSSON, M. et al. 2014. Deep Breathing Exercises Performed 2 Months Following Cardiac Surgery: A randomized controlled trial. *Journal of Cardiopulmonary Rehabilitation & Prevention*, 34(1), 34 -42. [Abstract](#)

Upper GI Surgery

DO NASCIMENTO JUNIOR, P., MÓDOLO, N. S. P., ANDRADE, S. et al. 2014. Incentive spirometry for prevention of postoperative pulmonary complications in upper abdominal surgery. *Cochrane Database of Systematic Reviews*, Issue 2. [Abstract](#)

PARRY, S., DENEHY, L., BERNEY, S., THE AUSTIN HEALTH POST-OPERATIVE SURVEILLANCE TEAM (POST) INVESTIGATORS, & BROWNING L. 2014. Clinical application of the Melbourne risk prediction tool in a high-risk upper abdominal surgical population: an observational cohort study.

Physiotherapy, 100(1), 47–53.

[Abstract](#)

General & Vascular Surgery

LOUGHNEY, L., WEST, M., PINTUS, S. et al. 2014.

Comparison of oxygen uptake during arm or leg cardiopulmonary exercise testing in vascular surgery patients and control subjects.

British Journal of Anaesthesia, 112(1), 57-65.

[Abstract](#)

WEST, M.A., LYTHGOE, D., BARBEN, C.P. et al. 2014.

Cardiopulmonary exercise variables are associated with postoperative morbidity after major colonic surgery: a prospective blinded observational study.

British Journal of Anaesthesia, 112 (4), 665-671.

[Abstract](#)

Use of technology

BARBERAN-GARCIA, A., VOGIATZIS, I., SOLBERG, H.S. et al. 2014.

Effects and barriers to deployment of telehealth wellness programs for chronic patients across 3 European countries.

Resp. Med, 108(4), 628-637.

[Abstract](#)

CASSERLY, D.M. & BAER, G.D. 2014.

Effectiveness of commercially available gaming devices in upper limb stroke rehabilitation.

Physical Therapy Reviews, 19(1), 15-23.

[Abstract](#)

O'DONOVAN, C., GREALLY, P., CANNY, G. et al. 2014.

Active video games as an exercise tool for children with cystic fibrosis.

J. Cyst. Fibros, 13 (3), 341-346.

[Abstract](#)

RUIVO, J. 2014.

Exergames and Cardiac Rehabilitation: A Review.

Journal of Cardiopulmonary Rehabilitation & Prevention, 34(1), 2-20.

[Abstract](#)

SEGRELLES CALVO, G., GOMEZ-SUAREZ, C., SORIANO, J.B. et al. 2014.

A home telehealth program for patients with severe COPD: The PROMETE study.

Resp. Med, 108(3), 453 – 462.

[Abstract](#)

Education

MILANESE, S.F, GRIMMER-SOMERS, K., SOUVLIS, T. et al. 2014.

Is a blended learning approach effective for learning in allied health clinicians?

Physical Therapy Reviews, 19(2), 86-93.

[Abstract](#)

WRIGHT, S., MANDRUSIAK, A., RAMSBOTHAM, N et al. 2014.

The use of Simulated Learning to Enhance Cardiorespiratory Acute Paediatric Physiotherapy across Queensland.

Pediatric Critical Care Medicine 15(4), 222.

[Abstract](#)

Miscellaneous

DE BISSCHOP, C., BELOKA, S., GROEPENHOFF, H. et al. 2014.

Is there a competition for oxygen availability between respiratory and limb muscles?

Respiratory Physiology & Neurobiology, 196, 8-16.

[Abstract](#)

EBERLEIN, M., SCHMIDT, G.A. & BROWER, R.G. 2014.

Chest Wall Strapping. An Old Physiology Experiment with New Relevance to Small Airways Diseases

Annals of the American Thoracic Society, 11(8), 1258-1266.

[Abstract](#)

EKSTROM, M.P., BORNEFALK-HERMANSSON, A., ABERNETHY, A.P. & CURROW, D.C. 2014.
Safety of benzodiazepines and opioids in very severe respiratory disease: national prospective study.
BMJ, 348, 445.
[Abstract](#)

ELIAS, A. S. N. T., OLIVEIRA, G. P., ORNELLAS, D. S. et al. 2014.
Effects of early and late pneumothorax drainage on the development of pulmonary oedema.
Respiratory Physiology & Neurobiology, 195, 27-36.
[Abstract](#)

HAYNES, J.M. 2014.
Pulmonary Function Test Quality in the Elderly: A Comparison with Younger Adults.
Respir Care, 59(1), 16-21.
[Full Text](#)

LEIVSETH, L., LUND NILSEN, T.I., MAI, X-M., et al. 2014.
Lung Function and Respiratory Symptoms in Association with Mortality: The HUNT Study.
J. COPD, 11(1), 59-80.
[Abstract](#)

LITTLE, P., MOORE, M., WILLIAMSON, L., et al. 2014.
Delayed antibiotic prescribing strategies for respiratory tract infections in primary care: pragmatic, factorial, randomised controlled trial.
BMJ, 348, 1606.
[Abstract](#)

RAHMAN, N.M., KAHAN, B.C., MILLER, R.F. et al. 2014.
A Clinical Score (RAPID) to Identify Those at Risk for Poor Outcome at Presentation in Patients with Pleural Infection.
Chest, 145(4), 848-855.
[Abstract](#)

RUSSIAN, C.J., GONZALES, J.F. & HENRY, N.R. 2014.
Suction Catheter Size: An Assessment and Comparison of 3 Different Calculation Methods.
Respir Care, 59(1), 32-38.
[Full Text](#)

SILVERMAN, E.P., CARNABY-MANN, G., PITTS, T. et al. 2014.
Concordance and Discriminatory Power of Cough Measurement Devices for Individuals with Parkinson Disease.
Chest, 145(5), 1089-1096.
[Abstract](#)

WILCOX, M. E., CHONG, C. A., STANBROOK, M. B., et al. 2014.
Does this patient have an exudative pleural effusion? The Rational Clinical Examination Systematic Review.
The Journal of the American Medical Association, 311(23), 2422-2431
[Abstract](#)