ERS literature update
December-January 2017

Composed for group 1.02 by Anouk W. Vaes, PhD and Sarah Houben-Wilke, PhD of the department of Development and Education in CIRO, Horn, the Netherlands

PULMONARY REHABILITATION

Pulmonary rehabilitation for people with chronic obstructive pulmonary disease: An evidence review.
Chapman S.
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Spencer L.
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Oliveira AL, Marques AS.
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Coquart JB, Le Rouzic O, Racil G, Wallaert B, Grosbois JM.
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A pre-post intervention study of pulmonary rehabilitation for adults with post-tuberculosis lung disease in Uganda.
Jones R, Kirenga BJ, Katagira W, Singh SJ, Pooler J, Okwera A, Kasiita R, Enki DG, Creanor S, Barton A.
Int J Chron Obstruct Pulmon Dis. 2017 Dec 11;12:3533-3539. doi: 10.2147/COPD.S146659. eCollection 2017.
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Nutrition and Exercise Rehabilitation in Obesity hypoventilation syndrome (NERO): a pilot randomised controlled trial.
Mandal S, Suh ES, Harding R, Vaughan-France A, Ramsay M, Connolly B, Bear DE, MacLaughlin H, Greenwood SA, Polkey MI, Elliott M, Chen T, Douiri A, Moxham J, Murphy PB, Hart N.
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Effectiveness of a respiratory rehabilitation programme in patients with chronic obstructive pulmonary disease.
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Pulmonary rehabilitation for patients with COPD during and after an exacerbation-related hospitalisation: back to the future?
Wilson KC, Krishnan JA, Sliwinski P, Criner GJ, Miravitlles M, Hurst JR, Calverley PMA, Albert RK, Rigau D, Tonia T, Vestbo J, Papi A, Rabe KF, Anzueto A, Wedzicha JA.
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EXERCISE TESTING AND TRAINING

The Effect of Progressive Relaxation Exercises on Fatigue and Sleep Quality in Individuals With COPD.
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Excess Ventilation in Chronic Obstructive Pulmonary Disease-Heart Failure Overlap. Implications for Dyspnea and Exercise Intolerance.
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Role of Breathing Conditions During Exercise Testing on Training Prescription in Chronic Obstructive Pulmonary Disease.
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4-Meter Gait Speed Test in Chronic Obstructive Pulmonary Disease: INTERRATER RELIABILITY USING A STOPWATCH.
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Cardiopulmonary exercise test and PaO2 in evaluation of pulmonary hypertension in COPD.
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Spatiotemporal gait characteristics in patients with COPD during the Gait Real-time Analysis Interactive Lab-based 6-minute walk test.
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Sixminute Stepper Test to Set Pulmonary Rehabilitation Intensity in Patients with COPD-A Retrospective Study - Letter to the Editor.
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Behavioural modes of adherence to inspiratory muscle training in people with chronic obstructive pulmonary disease: a grounded theory study.
Sørensen D, Christensen ME.
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Schultz K, Jelusic D, Wittmann M, Krämer B, Huber V, Fuchs S, Lehbert N, Wingart S, Stojanovic D, Göhl O, Alma HJ, de Jong C, van der Molen T, Faller H, Schuler M.
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PHYSICAL ACTIVITY

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Shin KC.
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Altered Skeletal Muscle Mitochondrial Phenotype in COPD: Disease versus Disuse.
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Reporting of pain by people with chronic obstructive pulmonary disease (COPD): comparative results from the HUNT3 population-based survey.
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Lee AL BPhysio, MPhysio, PhD, Harrison SL BSci, MPT, PhD, Goldstein RS MB, ChB, FRCP(UK), FRCP(C), FCCP, Brooks D BSci, MSci, PhD.
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INTERSTITIAL LUNG DISEASE

Interstitial lung disease and risk of mortality: 11-year nationwide population-based study.
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Disease progression in idiopathic pulmonary fibrosis with mild physiological impairment: analysis from the Australian IPF registry.
Jo HE, Glaspole I, Moodley Y, Chapman S, Ellis S, Goh N, Hopkins P, Keir G, Mahar A, Cooper W, Reynolds P, Haydn Walters E, Zappala C, Grainge C, Allan H, Macansh S, Corte TJ.

BMC Pulm Med. 2018 Jan 25;18(1):19. doi: 10.1186/s12890-018-0575-y.
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ASTHMA

Impact of Lifestyle Interventions Targeting Healthy Diet, Physical Activity, and Weight Loss on Asthma in Adults: What Is the evidence?
Nyenhuis SM, Dixon AE, Ma J.
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Akula M, Kulikova A, Khan DA, Brown ES.
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ADVANCED DISEASE / END OF LIFE / PALLIATIVE CARE

Enhancing integrated palliative care: what models are appropriate? A cross-case analysis.
Payne S, Eastham R, Hughes S, Varey S, Hasselaar J, Preston N.
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BMC Palliat Care. 2017 Nov 28;16(1):62. doi: 10.1186/s12904-017-0243-7.
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Community-based specialist palliative care is associated with reduced hospital costs for people with non-cancer conditions during the last year of life.
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Miravitlles M, Roche N, Cardoso J, Halpin D, Aisanov Z, Kankaanranta H, Kobližek V, Śliwiński P, Bjermer L, Tamm M, Blasi F, Vogelmeier CF.
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COMORBID CONDITIONS

Obesity in COPD: Revealed and Unrevealed Issues.
Zewari S, Vos P, van den Elshout F, Dekhuijzen R, Heijdra Y.
COPD. 2017 Dec;14(6):663-673. doi: 10.1080/15412555.2017.1383978.
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