



ERS literature update May-June 2019

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

Additional Effects of Nutritional Antioxidant Supplementation on Peripheral Muscle during Pulmonary Rehabilitation in COPD Patients: A Randomized Controlled Trial.

Gouzi F, Maury J, Héraud N, Molinari N, Bertet H, Ayoub B, Blaquièrre M, Bughin F, De Rigal P, Poulain M, Pincemail J, Cristol JP, Laoudj-Chenivresse D, Mercier J, Préfaut C, Pomiès P, Hayot M.

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Effect of pulmonary rehabilitation on symptoms of anxiety and depression in chronic obstructive pulmonary disease: a systematic review and meta-analysis.

Gordon CS, Waller JW, Cook RM, Cavallera SL, Lim WT, Osadnik CR.

Chest. 2019 Apr 26. pii: S0012-3692(19)30873-6. doi: 10.1016/j.chest.2019.04.009. [Epub ahead of print]

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A Feasibility Trial of Two Rehabilitation Models in Severe Cardiopulmonary Illness.

Steele BG, Dougherty CM, Burr RL, Colwell IG, Hunziker J.

Rehabil Nurs. 2019 May/Jun;44(3):130-140. doi: 10.1097/rnj.000000000000115.

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Predictors of response to pulmonary rehabilitation in stable chronic obstructive pulmonary disease patients: A prospective cohort study.

Ragaselvi S, Janmeja AK, Aggarwal D, Sidana A, Sood P.

Postgrad Med. 2019 Apr-Jun;65(2):101-106. doi: 10.4103/jpgm.JPGM_433_18.

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Safety, feasibility, and effectiveness of virtual pulmonary rehabilitation in the real world.

Knox L, Dunning M, Davies CA, Mills-Bennet R, Sion TW, Phipps K, Stevenson V, Hurlin C, Lewis K.

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Opportunities and Challenges to Expanding Pulmonary Rehabilitation into the Home and Community.

Nici L, Singh SJ, Holland AE, ZuWallack RL.

Am J Respir Crit Care Med. 2019 May 3. doi: 10.1164/rccm.201903-0548PP. [Epub ahead of print]

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Chalmers JD, Crichton ML, Brady G, Finch S, Lonergan M, Fardon TC.

BMC Pulm Med. 2019 May 6;19(1):85. doi: 10.1186/s12890-019-0856-0.

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Multidisciplinary respiratory rehabilitation in combination with non-invasive positive pressure ventilation in the treatment of elderly patients with severe chronic obstructive pulmonary disease.

Cui L, Liu H, Sun L.

Pak J Med Sci. 2019 Mar-Apr;35(2):500-505. doi: 10.12669/pjms.35.2.459.

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Janaudis-Ferreira T, Tansey CM, Harrison SL, Beurepaire CE, Goodridge D, Bourbeau J, Baltzan M.

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Add-on interventions during pulmonary rehabilitation.

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Respirology. 2019 May 21. doi: 10.1111/resp.13585. [Epub ahead of print]

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Machado A, Oliveira A, Valente C, Burtin C, Marques A.

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Improving access to community-based pulmonary rehabilitation: 3R protocol for real-world settings with cost-benefit analysis.

Marques A, Jácome C, Rebelo P, Paixão C, Oliveira A, Cruz J, Freitas C, Rua M, Loureiro H, Peguinho C, Marques F, Simões A, Santos M, Martins P, André A, De Francesco S, Martins V, Brooks D, Simão P.

BMC Public Health. 2019 May 31;19(1):676. doi: 10.1186/s12889-019-7045-1.

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Advances in rehabilitation for chronic diseases: improving health outcomes and function.

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EXERCISE TESTING AND TRAINING

Comparing the effects of upper limb and breathing exercises on six-minute walking distance among patients with chronic obstructive pulmonary disease: a three-group randomized controlled clinical trial.

Yekefallah L, Zohal MA, Keshavarzsarkar O, Barikani A, Gheraati M.

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Handgrip strength is associated with dyspnoea and functional exercise capacity in male patients with stable COPD.

Wu ZY, Han YX, Niu ME, Chen Y, Zhang XQ, Qian HY.

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Resistance Training With Elastic Tubing Improves Muscle Strength, Exercise Capacity, and Post-Exercise Creatine Kinase Clearance in Subjects With COPD.

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PHYSICAL ACTIVITY

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Gulart AA, Munari AB, Santos Silva IJC, Alexandre HF, Karloh M, Mayer AF.

Respir Med. 2019 May;151:142-147. doi: 10.1016/j.rmed.2019.04.006. Epub 2019 Apr 9.

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A breath of fresh air: Validity and reliability of a Portuguese version of the Multidimensional Dyspnea Profile for patients with COPD.

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Relationship Between Patient-Reported Outcome Measures and the Severity of Chronic Obstructive Pulmonary Disease in the Context of an Innovative Digitally Supported 24-Hour Service: Longitudinal Study.

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