ERS literature update
November-December 2018

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

PULMONARY REHABILITATION

The new frontiers of rehabilitation medicine in people with chronic disabling illnesses.
Scrutinio D, Giardini A, Chiovato L, Spanevello A, Vitacca M, Melazzini M, Giorgi G.
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Olivares A, Vitacca M, Comini L.
COPD. 2018 Nov 6:1-7. doi: 10.1080/15412555.2018.1531389. [Epub ahead of print]
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Reijnders T, Schuler M, Jelusic D, Troosters T, Janssens W, Schultz K, von Leupoldt A.
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Generalist versus specialist nurses' knowledge, attitudes, and behavioral intentions toward promoting pulmonary rehabilitation for patients with chronic obstructive pulmonary disease: A cross-sectional correlational study.
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Spitzer KA, Stefan MS, Priya A, Pack QR, Pekow PS, Lagu T, Pinto-Plata VM, ZuWallack RL, Lindenauer PK.
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Naz I, Sahin H, Varol Y, Kömürcüoğlu B.
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Concordant Evidence-Based Interventions in Cardiac and Pulmonary Rehabilitation Guidelines.
Smith SMS, Chaudhary K, Blackstock F.
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Interventions to increase referral and uptake to pulmonary rehabilitation in people with COPD: a systematic review.
Early F, Wellwood I, Kuhn I, Deaton C, Fuld J.
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Meta-analysis of the effect of a pulmonary rehabilitation program on respiratory muscle strength in patients with chronic obstructive pulmonary disease.
Lee EN, Kim MJ.
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The impact of pulmonary rehabilitation on activities of daily living in patients with COPD.
Vaes AW, Delbressine JML, Mesquita R, Goertz YMJ, Janssen DJA, Nakken N, Franssen FME, Vanfleteren LEGW, Wouters EFM, Spruit MA.
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A systematic review of the content and delivery of education in pulmonary rehabilitation programmes.
Roberts NJ, Kidd L, Kirkwood K, Cross J, Partridge MR.
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Patients' perspective on pulmonary rehabilitation: experiences of European and American individuals with chronic respiratory diseases.
Rochester CL, Vogiatzis I, Powell P, Masefield S, Spruit MA.

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Significance of Pulmonary Rehabilitation in Improving Quality of Life for Subjects With COPD.
Yang J, Lin R[1], Xu Z, Zhang H.
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EXERCISE TESTING AND TRAINING

Difference Between Slow and Forced Vital Capacity and Its Relationship with Dynamic Hyperinflation in Patients with Chronic Obstructive Pulmonary Disease.
Martinez L, Rodrigues D, Donária L, Furlanetto KC, Machado FVC, Schneider LP, Ribeiro M, Hernandes NA, Pitta F.
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Effects of yogic intervention on pulmonary functions and health status in patients of COPD and the possible mechanisms.
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How whole-body vibration can help our COPD patients. Physiological changes at different vibration frequencies.
Pleguezuelos E, Casarramona P, Guirao L, Samitier B, Ortega P, Vila X, Carmen AD, Ovejero L, Moreno E, Serra N, Gomís M, Garnacho-Castaño MV, Miravitlles M.
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Crisafulli E, Aiello M, Tzani P, Ielpo A, Longo C, Alfieri V, Bertorelli G, Chetta A.

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Low income as a determinant of exercise capacity in COPD.
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Combination of inspiratory and expiratory muscle training in same respiratory cycle versus different cycles in COPD patients: a randomized trial.
Xu W, Li R, Guan L, Wang K, Hu Y, Xu L, Zhou L, Chen R, Chen X.
Respir Res. 2018 Nov 20;19(1):225. doi: 10.1186/s12931-018-0917-6.
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Exercise capacity in COPD patients with exercise-induced pulmonary hypertension.
Skjørten I, Hilde JM, Melsom MN, Hisdal J, Hansteen V, Steine K, Humerfelt S.
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Exercise performance and symptoms in lowlanders with COPD ascending to moderate altitude: randomized trial.
Furian M, Flueck D, Latshang TD, Scheiwiller PM, Segitz SD, Mueller-Mottet S, Murer C, Steiner A, Ulrich S, Rothe T, Kohler M, Bloch KE.
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Effects of exercise training in water and on land in patients with COPD: a randomised clinical trial.
Felcar JM, Probst VS, de Carvalho DR, Merli MF, Mesquita R, Vidotto LS, Ribeiro LRG, Pitta F.
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Lung hyperinflation and functional exercise capacity in patients with COPD - a three-year longitudinal study.
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Silva IG, Silva BSA, Freire APCF, Santos APSD, Lima FF, Ramos D, Ramos EMC.
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Rodrigues FM, Loeckx M, Hornikx M, Van Remoortel H, Louvaris Z, Demeyer H, Janssens W, Troosters T.

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PHYSICAL ACTIVITY

Physical activity associates with disease characteristics of severe asthma, bronchiectasis and COPD.
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Østergaard EB, Sritharan SS, Kristiansen AD, Thomsen PM, Løkke A.
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The likelihood of improving physical activity after pulmonary rehabilitation is increased in patients with COPD who have better exercise tolerance.
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Int J Chron Obstruct Pulmon Dis. 2018 Oct 24;13:3515-3527. doi: 10.2147/COPD.S174827. eCollection 2018.
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TELEMEDICINE

Older Patients' Perspectives of Online Health Approaches in Chronic Obstructive Pulmonary Disease.
Disler RT, Inglis SC, Newton P, Currow DC, Macdonald PS, Glanville AR, Donesky D, Carrieri-Kohlman V, Davidson PM.
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PATIENT REPORTED OUTCOME MEASURES

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INTERSTITIAL LUNG DISEASE

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