ERS literature update
January-February 2026

Composed for group 1.02 by Anouk W. Vaes, PhD and Sarah Houben-Wilke, PhD of the Department of Research and Development in Ciro, Horn, The Netherlands

PULMONARY REHABILITATION

Urinary incontinence is common among people attending pulmonary rehabilitation, yet pulmonary rehabilitation has a small effect on urinary symptoms: A multicenter prospective cohort study.
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Singing for lung health following completion of pulmonary rehabilitation: feasibility of a randomised controlled trial.
Lewis A, Jung P, Williams P, Steinmann J, Ingram KA, Longley N, Trivedi P, Clarke S, Lammin H, Edwards G, Koulopoulou M, Sureshkumar A, Moore A, Pfeffer PE, Reardon L, Sorley K, Kenman J, DeLuca B, Maguire M, Smith LJ, Elkin S, Lound A, Moth L, Rickman P, Alexander S, Lohan N, Garsin E, Young S, Harris A, Watters R, Lane C, Nolan CM, Conway J, Man WD, Banya W, Anokye N, Philip KEJ, Cave P, Hopkinson NS.
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Shirakawa C, Shiroshita A, Miyakoshi C, Uda K, Nagata K, Tachikawa R, Tomii K, Kataoka Y.
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Alhothaly OA, Houchen-Wolloff L, Ward S, Chaplin E, Zatloukal J, Dunlop M, Singh SJ, Orme MW.

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Understanding barriers and facilitators to education and rehabilitation interventions for South Asian people with long-term conditions: a systematic review and meta-ethnography.
Shiel EV, Miah J, Chattopadhyay T, Rauf A, Dalton C, Husain N, Blakemore A.
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Lagravinese G, Castellana G, Genco M, Guglielmo M, Tagliente S, Guido P, Charitos IA, Aliani M, Battista P, Nese M, Carone M.
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Gephine S, Le Rouzic O, Cailliau E, Chenivesse C, Grosbois JM.
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Short- and Long-Term Responses to Pulmonary Rehabilitation in 922 Patients with COPD: A Real-World Database Study (2002-2019).
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Effects of Pulmonary Rehabilitation on Dyspnea, Quality of Life and Cognitive Function in COPD: A Systematic Review.
Vatrella A, Maglio A, Di Palo MP, Contursi EA, Buscetto AF, Cafà N, Garofano M, Del Sorbo R, Bramanti P, Pessolano C, Marino A, Calabrese M, Bramanti A.
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Effect of dyspnoea-oriented hypnosis as an adjunct to pulmonary rehabilitation on the affective dimension of dyspnoea and physical activity level: a randomised controlled trial.
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Effects of pulmonary rehabilitation on the perception of happiness in individuals with COPD: A randomized clinical trial.
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The effects of traditional Chinese mind-body exercise on pulmonary rehabilitation in patients with chronic obstructive pulmonary disease: a systematic review and meta-analysis.
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EXERCISE TESTING AND TRAINING

Estimating Breathing Reserve at Peak Treadmill Exercise: Influence of Sex and Fitness.
Milani M, Milani JGPO, Machado FVC, Cipriano GFB, Hansen D, Cipriano Junior G, Neder JA.
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Yamikan H, Özgören N, Aritan S, Karcioğlu O, Demirel A.
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Handgrip strength in Japanese patients with chronic obstructive pulmonary disease: a prospective cohort study.
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Expiratory Muscle Strength Training in COPD Dysphagia Management: A Survey of Speech-Language Pathologists.
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Effect of HIgh-Flow Therapy in Long-Term Oxygen Therapy (HILOT): study protocol for a multicentre, registry-based, randomised clinical trial.

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The Effectiveness of Respiratory Muscle Training on the Duration and Severity of Respiratory Symptoms in Patients With Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.
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PHYSICAL ACTIVITY

Short and medium term efficacy of an online behaviour change intervention on physical activity in adults with asthma.
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Stoustrup AL, Sperling PK, Thomsen LP, Palsson TS, Christensen KK, Andreasen J, Weinreich UM.
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TELEMEDICINE

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Theory-guided eHealth literacy support for tele-pulmonary rehabilitation in older adults with chronic obstructive pulmonary disease: A randomized controlled trial.
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Using wearable and nearable devices in telerehabilitation for COPD: a scoping review of digital endpoints in home-based programs.
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PATIENT REPORTED OUTCOME MEASURES

The association between rural/urban residence status and patient-reported outcomes in individuals with Chronic Obstructive Pulmonary Disease (COPD): Protocol for a systematic review and meta-analysis.
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Cunha H, Costa P, Padilha JM.
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Feng J, Dou L, Luo N, Zhang C, Qumu S, Chen G, Yang Z, Mao Z, Jiang Y, Li S.
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INTERSTITIAL LUNG DISEASE

Neurocognitive Dysfunction in Fibrosing Interstitial Lung Diseases: A Multidimensional Analysis of Pulmonary, Cognitive, and Clinical Correlates.
Vastag Z, Tudorache E, Traila D, Ciortea I, Fira-Mladinescu O, Oancea C, Bratosin F, Rosca EC.
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Mandizha J, Crook C, Lanario J, Davies R, Duckworth A, Almond HP, Lines S, Gibbons M, Scotton C, Russell AM.

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