



ERS literature update July-August 2024

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

Impacts of a Dysphagia Screening Questionnaire on Speech Pathology Input Using a Transdisciplinary Approach for Patients with Chronic Obstructive Pulmonary Disease in a Pulmonary Rehabilitation Program.

Orr E, Perera R, Sayner A, Thompson A, Pang M, Entesari-Tatafi D, Dalgleish G, Nguyen L, Cliffe L, McDonald I, Than K, Keage M, Clapham RP.

Dysphagia. 2024 Jun 29. doi: 10.1007/s00455-024-10713-2. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38951236/>

Pulmonary rehabilitation in idiopathic pulmonary fibrosis.

Dowman LM, Holland AE.

Curr Opin Pulm Med. 2024 Jul 4. doi: 10.1097/MCP.0000000000001094. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38958566/>

Insufficient Pulmonary Rehabilitation Uptake After Severe Exacerbation of COPD: A Multicentre Study in the South West Region of France.

Gueçamburu M, Verdy G, Cuadros J, Nocent-Ejnaini C, Macey J, Portel L, Rapin A, Zysman M.

Int J Chron Obstruct Pulmon Dis. 2024 Jul 5;19:1579-1589. doi: 10.2147/COPD.S460991. eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/38983577/>

The Effect of Pulmonary Rehabilitation on Cardiovascular Risk, Oxidative Stress and Systemic Inflammation in Patients with COPD.

Muñoz Montiel A, Ruiz-Esteban P, Doménech Del Río A, Valdivielso P, Sánchez Chaparro MÁ, Oliveira C.

Respir Med. 2024 Jul 13:107740. doi: 10.1016/j.rmed.2024.107740. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/39009098/>

A systems approach to developing user requirements for increased pulmonary rehabilitation uptake by COPD patients.

Early F, Ward J, Komashie A, Kipouros T, Clarkson J, Fuld J.

NPJ Prim Care Respir Med. 2024 Jul 16;34(1):20. doi: 10.1038/s41533-024-00370-1.

<https://pubmed.ncbi.nlm.nih.gov/39013894/>

Comprehensive geriatric assessment for people with both COPD and frailty starting pulmonary rehabilitation: a mixed-methods feasibility trial.

Brighton LJ, Evans CJ, Farquhar M, Bristowe K, Kata A, Higman J, Ogden M, Nolan C, Yi D, Gao W, Koulopoulou M, Hasan S, Ingram K, Clarke S, Parmar KR, Baldwin E, Steves CJ, Man WD, Maddocks M.

ERJ Open Res. 2024 Jul 29;10(4):00774-2023. doi: 10.1183/23120541.00774-2023.

eCollection 2024 Jul.

<https://pubmed.ncbi.nlm.nih.gov/39076524/>

A survey exploring the needs, preferences, and challenges of the key stakeholders for participating in and developing pulmonary rehabilitation in Pune, India.

Sahasrabudhe SD, Orme MW, Borade S, Bhakare M, Modi M, Pina I, Ahmed Z, Padhye R, Barton A, Steiner MC, Salvi S, Singh SJ.

Chron Respir Dis. 2024 Jan-Dec;21:14799731241267305. doi: 10.1177/14799731241267305.

<https://pubmed.ncbi.nlm.nih.gov/39075037/>

Comparison of a Supervised Home-Based Tele-Rehabilitation with Center-Based Pulmonary Rehabilitation: Protocol for a Randomized Non-Inferiority Multicenter Study in Ningxia.

Xin H, Wei S, Zheng H, Qi Y, Xu S, Wang B, Jiang W, Deng N, Chen J.

Int J Chron Obstruct Pulmon Dis. 2024 Jul 25;19:1707-1719. doi: 10.2147/COPD.S467945.

eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/39081777/>

The Application of Self-Made Disseminating and Descending Breathing Exercises in Home Rehabilitation of Stable COPD.

Chen LX, Peng SL, Mao LP, Luo XW, He Q, Xiang JH, Long FJ, Jiao Y.

COPD. 2024 Dec;21(1):2369541. doi: 10.1080/15412555.2024.2369541. Epub 2024 Aug 1.

<https://pubmed.ncbi.nlm.nih.gov/39087240/>

The Application of Self-Made Disseminating and Descending Breathing Exercises in Home Rehabilitation of Stable COPD.

Chen LX, Peng SL, Mao LP, Luo XW, He Q, Xiang JH, Long FJ, Jiao Y.

COPD. 2024 Dec;21(1):2369541. doi: 10.1080/15412555.2024.2369541. Epub 2024 Aug 1.

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Effects of 12 weeks of head-down strong abdominal breathing on motor and cognitive performance during dual-tasking in patients with chronic obstructive pulmonary disease: Study protocol for a randomised controlled trial.

Ding K, Song F, Qi W, Liu H, Sun M, Xia R.

Heliyon. 2024 Jul 8;10(14):e34255. doi: 10.1016/j.heliyon.2024.e34255. eCollection 2024 Jul 30.

<https://pubmed.ncbi.nlm.nih.gov/39100443/>

Active video games as an adjunct to pulmonary rehabilitation of patients with Chronic Obstructive Pulmonary Disease: a commentary on a systematic review.

Harris C, Banks J, Edwards C, Hurst S, Hill JE.

J Assoc Chart Physiotherap Respir Care. 2024;56(2):39-42. doi:

10.1097/PHM.0000000000001341.

<https://pubmed.ncbi.nlm.nih.gov/39105052/>

Hybrid compared to conventional pulmonary rehabilitation: an equivalence analysis.

Wuyts M, Coosemans I, Everaerts S, Blondeel A, Breuls S, Demeyer H, Janssens W, Troosters T.

ERJ Open Res. 2024 Aug 5;10(4):00984-2023. doi: 10.1183/23120541.00984-2023.

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<https://pubmed.ncbi.nlm.nih.gov/39104952/>

Pulmonary Rehabilitation Once a Week for One Year in a Patient With Chronic Obstructive Pulmonary Disease.

Kubori Y, Yasuda Y, Tamaki A.

Cureus. 2024 Jul 7;16(7):e64049. doi: 10.7759/cureus.64049. eCollection 2024 Jul.

<https://pubmed.ncbi.nlm.nih.gov/39114255/>

Use of Pulmonary Rehabilitation After COPD Hospitalization: An Analysis of Statewide Patient and Hospital Data.

Fu WW, Hassett KP, Labaki WW, Valley TS, Thompson MP.

Ann Am Thorac Soc. 2024 Aug 13. doi: 10.1513/AnnalsATS.202402-196OC. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/39137381/>

A shared decision-making intervention between health care professionals and individuals undergoing Pulmonary Rehabilitation: An iterative development process with qualitative methods.

Barradell AC, Bekker HL, Houchen-Wolloff L, Marshall-Nichols K, Robertson N, Singh SJ.

PLoS One. 2024 Aug 19;19(8):e0307689. doi: 10.1371/journal.pone.0307689. eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/39159209/>

Path analysis of the effect of positive psychological capital on health-promoting lifestyle in patients with COPD after pulmonary rehabilitation: An observational study.

Xu N, Li R, Feng L, Liang MY.

Medicine (Baltimore). 2024 Aug 16;103(33):e39204. doi: 10.1097/MD.00000000000039204.

<https://pubmed.ncbi.nlm.nih.gov/39151548/>

Effectiveness of Pulmonary Rehabilitation on Severe Asthma Outcomes: A Pre-Post Study.

Margoline É, Cailliau E, Gephine S, Fry S, Le Rouzic O, Grosbois JM, Chenivresse C.

Clin Exp Allergy. 2024 Aug 21. doi: 10.1111/cea.14555. Online ahead of print.

<https://onlinelibrary.wiley.com/doi/10.1111/cea.14555>

Changes in COPD-related anxiety symptoms during pulmonary rehabilitation: a prospective quantitative and qualitative study.

Farver-Vestergaard I, Buksted EH, Sørensen D, Jonstrup S, Hansen H, Christiansen CF, Løkke A.

Front Rehabil Sci. 2024 Aug 7;5:1428893. doi: 10.3389/fresc.2024.1428893. eCollection 2024.

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Early comprehensive pulmonary rehabilitation for hospitalized patients with acute exacerbation of chronic obstructive pulmonary disease: a randomized controlled trial.

Zeng Y, Wu Q, Chen Y, Cai S.

J Rehabil Med. 2024 Aug 22;56:jrm39953. doi: 10.2340/jrm.v56.39953.

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Changes in COPD-related anxiety symptoms during pulmonary rehabilitation: a prospective quantitative and qualitative study.

Farver-Vestergaard I, Buksted EH, Sørensen D, Jonstrup S, Hansen H, Christiansen CF, Løkke A.

Front Rehabil Sci. 2024 Aug 7;5:1428893. doi: 10.3389/fresc.2024.1428893. eCollection 2024.

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Rehabilitation for chronic obstructive pulmonary disease: A prevalence survey in China.

Zhou L, Deng Q, Guo L, Zhou H, Chen Z, Spruit MA.

Ann Phys Rehabil Med. 2024 Aug 22;67(7):101873. doi: 10.1016/j.rehab.2024.101873.

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<https://pubmed.ncbi.nlm.nih.gov/39178823/>

Pulmonary rehabilitation with balance training for fall reduction in chronic obstructive pulmonary disease: a randomized controlled trial.

Hao Q, Brooks D, Ellerton C, Goldstein R, Lee AL, Alison JA, Dechman G, Haines KJ, Harrison SL, Holland AE, Marques A, Spencer L, Stickland MK, Skinner EH, Camp PG, Ma J, Beauchamp MK.

BMC Pulm Med. 2024 Aug 24;24(1):408. doi: 10.1186/s12890-024-03215-2.

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Clinically important changes and adverse events with centre-based or home-based pulmonary rehabilitation in chronic respiratory disease: A systematic review and meta-analysis.

Bondarenko J, Dal Corso S, Dillon MP, Singh S, Miller BR, Kein C, Holland AE, Jones AW.

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EXERCISE TESTING AND TRAINING

The effect of single-limb exercises on functional exercise capacity, pulmonary function and dyspnea in patients with COPD.

Gürbüz AK, Demirel A.

Heart Lung. 2024 Jun 27;68:98-106. doi: 10.1016/j.hrtlng.2024.06.004. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38941773/>

Traditional Chinese exercise in chronic obstructive pulmonary disease: An overview of systematic reviews.

Han L, Wang J, Zhu Y, Lu Y, Liu C, Chen C, Li J.

Medicine (Baltimore). 2024 Jun 28;103(26):e38700. doi: 10.1097/MD.00000000000038700.

<https://pubmed.ncbi.nlm.nih.gov/38941382/>

Functional Assessment of Stable Chronic Obstructive Pulmonary Disease Patients Using Squat-to-stand Test.

Islam MA, Hossain SS, Rahman MA, Khan MDJ, Kamal T, Sorwer MS, Disha TBB, Hossain N, Chowdhury A.

Mymensingh Med J. 2024 Jul;33(3):656-663.

<https://pubmed.ncbi.nlm.nih.gov/38944703/>

Functional capacity using sit-to-stand tests in people with chronic obstructive pulmonary disease and its relationship with disease severity-a cross-sectional study with matched controls.

Machado A, Dias C, Rebelo P, Souto-Miranda S, Mendes MA, Ferreira D, Martins V, Simão P, Burtin C, Marques A.

Braz J Phys Ther. 2024 Jun 16;28(4):101090. doi: 10.1016/j.bjpt.2024.101090. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38943740/>

Exercise-Induced Oxygen Desaturation Increases Arterial Stiffness in Patients with COPD During the 6WMT.

Wang S, Gao B, Shi M, Qumu S, Dong F, Wang P, Yang T, Jiang S.

Int J Chron Obstruct Pulmon Dis. 2024 Jun 26;19:1479-1489. doi: 10.2147/COPD.S465843. eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/38948910/>

Differences of ventilatory muscle recruitment and work of breathing in COPD and interstitial lung disease during exercise: a comprehensive evaluation.

Ferreira JG, Iamonti VC, Caleffi Pereira M, Pletsch-Assunção R, Macchione MC, Santana PV, Cardenas LZ, Caruso P, de Carvalho CRR, de Albuquerque ALP.

ERJ Open Res. 2024 Jul 8;10(4):00059-2023. doi: 10.1183/23120541.00059-2023. eCollection 2024 Jul.

<https://pubmed.ncbi.nlm.nih.gov/38978542/>

Reflections on the challenges of conducting an international multicentre randomized controlled trial of balance training in addition to pulmonary rehabilitation and its impact on fall incidence in people with COPD.

Newman ANL, Beauchamp MK, Ellerton C, Goldstein R, Alison JA, Dechman G, Haines KJ, Harrison SL, Holland AE, Lee AL, Marques A, Spencer L, Stickland MK, Skinner EH, Camp PG, Kho ME, Brooks D.

Trials. 2024 Jul 17;25(1):487. doi: 10.1186/s13063-024-08251-1.

<https://pubmed.ncbi.nlm.nih.gov/39020430/>

Evaluation of the relationship between intercostal muscle oxygenation measured by near-infrared spectroscopy and exercise capacity in group E COPD patients.

Kerget B, Çil G, Aksakal A.

Pflugers Arch. 2024 Jul 24. doi: 10.1007/s00424-024-02993-2. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/39043890/>

Longitudinal change in ultrasound-derived rectus femoris cross-sectional area in COPD.

Jenkins TO, Patel S, Edwards GD, Nolan CM, Canavan J, Kon S, Jones S, Barker RE, Littlemore H, Maddocks M, Man WD.

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<https://pubmed.ncbi.nlm.nih.gov/39076527/>

Effects of Baduanjin Exercise on lung function and 6 min walk in COPD patients: a systematic review and meta-analysis.

Song F, Ding K, Qi W, Sun W, Xiang H, Sun M, Xia R.

Sci Rep. 2024 Aug 1;14(1):17788. doi: 10.1038/s41598-024-68581-7.

<https://pubmed.ncbi.nlm.nih.gov/39090183/>

Mind-body exercise for patients with stable COPD on lung function and exercise capacity: a systematic review and meta-analysis of RCTs.

Zhu Y, Zhang Z, Du Z, Zhai F.

Sci Rep. 2024 Aug 7;14(1):18300. doi: 10.1038/s41598-024-69394-4.

<https://pubmed.ncbi.nlm.nih.gov/39112599/>

Effects of different traditional Chinese exercises on pulmonary function in patients with stable chronic obstructive pulmonary disease: a network meta-analysis.

Liu P, Li Y, Tang D, Liu G, Zou Y, Ma Y, Zheng W.

BMC Complement Med Ther. 2024 Aug 14;24(1):304. doi: 10.1186/s12906-024-04609-9.

<https://pubmed.ncbi.nlm.nih.gov/39143580/>

Protocol for a randomized controlled trial of moderate intensity interval training in individuals with chronic obstructive pulmonary disease and obstructive sleep apnea overlap syndrome who have excessive daytime sleepiness.

Macrea M, Casaburi R, ZuWallack R, Malhotra A, Oursler KA.

Contemp Clin Trials. 2024 Aug 12:107663. doi: 10.1016/j.cct.2024.107663. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/39142512/>

Dual-Task Performance in Individuals With Chronic Obstructive Pulmonary Disease: A Systematic Review With Meta-Analysis.

Pasten JG, Aguayo JC, Aburto J, Araya-Quintanilla F, Álvarez-Bustos A, Valenzuela-Fuenzalida JJ, Camp PG, Sepúlveda-Loyola W.

Pulm Med. 2024 Aug 10;2024:1230287. doi: 10.1155/2024/1230287. eCollection 2024.

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The responsiveness of different exercise tests in Chronic Obstructive Pulmonary Disease: a randomised controlled trial.

Harvey-Dunstan TC, Baldwin MM, Tal-Singer R, Allinder M, Polkey MI, Hamilton A, Richardson M, Edwards SA, Steiner MC, Morgan MD, Singh SJ; COPD/MAP Consortium. Chest. 2024 Aug 20:S0012-3692(24)04900-6. doi: 10.1016/j.chest.2024.05.051. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/39173827/>

Reliability of the 1-minute sit-to-stand test in chronic obstructive pulmonary disease.

Thu HNT, Khac BL, Poncin W.

Ann Phys Rehabil Med. 2024 Aug 21;67(7):101866. doi: 10.1016/j.rehab.2024.101866.

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<https://pubmed.ncbi.nlm.nih.gov/39173551/>

A Network Meta-Analysis on the Effects of Different Exercise Types in Patients With COPD.

Jian C, Peng X, Yang Y, Xu Y, Wang L, Cai D.

Respir Care. 2024 Aug 24;69(9):1189-1200. doi: 10.4187/respcare.11476.

<https://pubmed.ncbi.nlm.nih.gov/38503464/>

Effects of different exercise regimens on prognosis of patients with chronic obstructive pulmonary disease: a systematic reviews and meta-analysis.

Zhang ZY, Li YH.

Ann Med. 2024 Dec;56(1):2392022. doi: 10.1080/07853890.2024.2392022. Epub 2024 Aug 28.

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PHYSICAL ACTIVITY

Validation of "CENTR(AR)" walking trails: Different field criteria do not lead to different physical activity intensities in people with COPD.

Diciolla NS, Rebelo P, Rodrigues G, Grave AS, Dias S, Gomes M, Santos ES, Pereira Z, Pereira L, Marques A.

Heart Lung. 2024 Sep-Oct;67:26-32. doi: 10.1016/j.hrtlng.2024.04.014.

<https://pubmed.ncbi.nlm.nih.gov/38640848/>

Patterns of physical activity of people with COPD during participation in a pulmonary rehabilitation program.

Bishop JA, Spencer LM, Dwyer TJ, McKeough ZJ, McAnulty A, Cheng S, Alison JA.

Respir Med. 2024 Jul 4:107724. doi: 10.1016/j.rmed.2024.107724. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38971337/>

Physical capacity and inactivity in obstructive airway diseases: a "can do, do do" analysis.

Urroz Guerrero PD, Lewthwaite H, Gibson PG, Clark VL, Cordova-Rivera L, McDonald VM.

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<https://pubmed.ncbi.nlm.nih.gov/39040591/>

Effects of using wearable devices to monitoring physical activity in pulmonary rehabilitation programs for chronic respiratory diseases: A systematic review protocol.

Oliveira TRA, Fernandes ATDNSF, Santino TA, Menescal FEPDS, Nogueira PAMS.
PLoS One. 2024 Jul 26;19(7):e0308109. doi: 10.1371/journal.pone.0308109. eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/39058745/>

Exploring the impact of the environment on physical activity in patients with chronic obstructive pulmonary disease (EPCOT)-A comparative analysis between suggested and free walking: Protocol study.

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PLoS One. 2024 Aug 13;19(8):e0306045. doi: 10.1371/journal.pone.0306045. eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/39137186/>

Comparison of physical activity levels in people with chronic obstructive pulmonary disease and healthy subjects residing in hypobaric hypoxia environments.

Villamil-Parra WA.

Can J Respir Ther. 2024 Aug 15;60:103-111. doi: 10.29390/001c.122163. eCollection 2024.

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TELEMEDICINE

Assessing Functional Capacity in Directly and Remotely Monitored Home-Based Settings in Individuals With Chronic Respiratory Diseases: Protocol for a Multinational Validation Study.

Bass A, Géphine S, Martin M, Belley M, Robic M, Fabre C, Grosbois JM, Dion G, Saey D, Chambellan A, Maltais F.

JMIR Res Protoc. 2024 Jun 28;13:e57404. doi: 10.2196/57404.

<https://pubmed.ncbi.nlm.nih.gov/38941132/>

Effect of a 4-Week Telerehabilitation Program for People with Post-COVID Syndrome on Physical Function and Symptoms: Protocol for a Randomized Controlled Trial.

Reeves JM, Spencer LM, Tsai LL, Baillie AJ, Han Y, Leung RWM, Bishop JA, Troy LK, Corte TJ, Teoh AKY, Peters M, Barton C, Jones L, Alison JA.

Phys Ther. 2024 Jun 29:pzae080. doi: 10.1093/ptj/pzae080. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38943360/>

The effects of telerehabilitation on physiological function and disease symptom for patients with chronic respiratory disease: a systematic review and meta-analysis.

Dai Y, Huang H, Zhang Y, He N, Shen M, Li H.

BMC Pulm Med. 2024 Jun 28;24(1):305. doi: 10.1186/s12890-024-03104-8.

<https://pubmed.ncbi.nlm.nih.gov/38943129/>

Determining if COPD Self-Management Televisit-Based Interventions are evaluated among and equitably effective across diverse patient populations to Reduce Acute Care Utilization: A Scoping Review.

Akula M, Nguyen M, Abraham J, Arora VM, Oladosu F, Sunderrajan A, Traeger L, Press VG. Chest. 2024 Jul 11:S0012-3692(24)04608-7. doi: 10.1016/j.chest.2024.06.3799. Online ahead of print.

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Use of telerehabilitation platforms for delivering patient education among patients with asthma: a scoping review.

Amin R, Suvarna V, Neelapala YVR, Parmar ST, Vaishali K.

Curr Med Res Opin. 2024 Jul 12:1-12. doi: 10.1080/03007995.2024.2380006. Online ahead of print.

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Service development project to pilot a digital technology innovation for video direct observation of therapy in adult patients with asthma.

O'Neill K, Gormley C, Kelly MG, Huey R, Fleming G, Scott M, Shields M, McElnay JC.

BMJ Open Qual. 2024 Jul 15;13(3):e002626. doi: 10.1136/bmjopen-2023-002626.

<https://pubmed.ncbi.nlm.nih.gov/39009461/>

iPREDICT: Characterization of Asthma Triggers and Selection of Digital Technology to Predict Changes in Disease Control.

Castro M, Zavod M, Rutgersson A, Jörntén-Karlsson M, Dutta B, Hagger L.

J Asthma Allergy. 2024 Jul 10;17:653-666. doi: 10.2147/JAA.S458618. eCollection 2024.

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A mobile-based self-care application for patients with chronic obstructive pulmonary disease: A protocol for design, implementation, and evaluation.

Haghparast A, Okhovvat M, Khoddam H, Khandashpour M, Kolagari S.

Health Sci Rep. 2024 Jul 21;7(7):e2259. doi: 10.1002/hsr2.2259. eCollection 2024 Jul.

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Insights into Digital MedicRehApp Maintenance Model for Pulmonary Telerehabilitation: Observational Study.

Vitacca M, Paneroni M, Saleri M, Beccaluva CG.

Healthcare (Basel). 2024 Jul 9;12(14):1372. doi: 10.3390/healthcare12141372.

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Castro M, Zavod M, Rutgersson A, Jörntén-Karlsson M, Dutta B, Hagger L.

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<https://pubmed.ncbi.nlm.nih.gov/39082063/>

Potential, Pitfalls, and Future Directions for Remote Monitoring of Chronic Respiratory Diseases: Multicenter Mixed Methods Study in Routine Cystic Fibrosis Care.

Oppelaar MC, Emond Y, Bannier MAGE, Reijers MHE, van der Vaart H, van der Meer R, Altenburg J, Conemans L, Rottier BL, Nuijsink M, van den Wijngaart LS, Merkus PJFM, Heinen M, Roukema J.

J Med Internet Res. 2024 Aug 6;26:e54942. doi: 10.2196/54942.

<https://pubmed.ncbi.nlm.nih.gov/39106098/>

Cost-Effectiveness of Digital Health Interventions for Asthma or COPD: Systematic Review.

Ferreira MAM, Dos Santos AF, Sousa-Pinto B, Taborda-Barata L.

Clin Exp Allergy. 2024 Aug 12. doi: 10.1111/cea.14547. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/39135332/>

An App Platform-Facilitated Collaborative Palliative Care Intervention for Outpatients With Interstitial Lung Disease: A Pilot Randomized Trial.

Gu J, Wang P, Chow SC, Dempsey K, Bermejo S, Swaminathan A, Soskis A, Fried J, Kloefkorn C, Jones C, Cox CE.

Am J Hosp Palliat Care. 2024 Aug 19:10499091241275966. doi:

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Evaluating the Usability of a Telehealth System for People with COPD: A Cross Sectional Study.

Egmose J, Laursen SH, Udsen FW, Hæsum LKE, Kronborg T, Hejlesen O, Hangaard S.

Stud Health Technol Inform. 2024 Aug 22;316:454-458. doi: 10.3233/SHTI240446.

<https://pubmed.ncbi.nlm.nih.gov/39176775/>

Telemonitoring of COPD Patients to Evaluate the "Rome Proposal".

Jacobson P, Lind L, Persson HL.

Stud Health Technol Inform. 2024 Aug 22;316:226-227. doi: 10.3233/SHTI240385.

<https://pubmed.ncbi.nlm.nih.gov/39176714/>

PATIENT REPORTED OUTCOME MEASURES

Development and validation of the chronic obstructive pulmonary disease self-care assessment scale: a concise and comprehensive instrument to assess self-management, decision-making, and coping.

Iwaya S, Sato K.

Nagoya J Med Sci. 2024 May;86(2):201-215. doi: 10.18999/nagjms.86.2.201.

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Evaluating the Effectiveness of the COPD Assessment Test (CAT) in Screening for Chronic Obstructive Pulmonary Disease.

Al Wachami N, Boumendil K, Arraji M, Iderdar Y, Mourajid Y, Ghosne N, Benmoussa A, Khalis M, Korrida A, Laamiri FZ, Lajane H, Louerdi ML, El Madani S, Chahboune M.

Int J Chron Obstruct Pulmon Dis. 2024 Jul 11;19:1623-1633. doi: 10.2147/COPD.S460649. eCollection 2024.

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Anxiety Inventory for Respiratory Disease: Cross-Cultural Adaptation and Semantic Validity of the Brazilian Version for Individuals with Chronic Obstructive Pulmonary Disease.

Vieira DSR, Del Moro CV, Pscheidt SL, Junkes-Cunha M, Judice MM, Arcencio L, Yohannes AM.

J Multidiscip Healthc. 2024 Jul 9;17:3283-3293. doi: 10.2147/JMDH.S464961. eCollection 2024.

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