



ERS literature update May-June 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

Pulmonary Rehabilitation Reimbursement Challenges.

Garvey C.

Respir Care. 2024 Apr 30:respcare.11699. doi: 10.4187/respcare.11699. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38688548/>

Psychosocial Support in Pulmonary Rehabilitation.

Yohannes AM.

Respir Care. 2024 Apr 30:respcare.11850. doi: 10.4187/respcare.11850. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38688547/>

Feasibility of a Novel Geriatric Rehabilitation Program for People With COPD-induced Malnutrition and Muscle Wasting: A Qualitative Study.

Geerars-van der Veen M, Balleman J, Bongers AM, van Loon A, Smit EB.

Gerontol Geriatr Med. 2024 Apr 28;10:23337214241246435. doi: 10.1177/23337214241246435. eCollection 2024 Jan-Dec.

<https://pubmed.ncbi.nlm.nih.gov/38686098/>

Impact and timing of pulmonary rehabilitation in patients undergoing bronchoscopic lung volume reduction with endobronchial valves: A multicentre randomized controlled trial in patients with severe emphysema.

van der Molen MC, Posthuma R, Hartman JE, van der Vaart H, Bij de Vaate E, Vaes AW, van den Borst B, van Ranst D, Spruit MA, Vanfleteren LEGW, Slebos DJ; SoLVE consortium group. Respirology. 2024 May 8. doi: 10.1111/resp.14734. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38720189/>

Beyond pulmonary rehabilitation: can the PICK UP programme fill the gap? A randomised trial in COPD.

Rebelo P, Brooks D, Cravo J, Mendes MA, Oliveira AC, Rijo AS, Moura MJ, Marques A.

Pulmonology. 2024 May 10:S2531-0437(24)00047-3. doi: 10.1016/j.pulmoe.2024.04.001. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38734564/>

The Short-Term Efficacy of a Three-Week Pulmonary Rehabilitation Program among Patients with Obstructive Lung Diseases.

Klimczak MK, Krzepkowski HA, Piotrowski WJ, Białas AJ.
J Clin Med. 2024 Apr 27;13(9):2576. doi: 10.3390/jcm13092576.
<https://pubmed.ncbi.nlm.nih.gov/38731105/>

Effectiveness of a home-based pulmonary rehabilitation maintenance programme: the Rehab2Life study protocol.

Silva L, Maricoto T, Mota Â, Lemos L, Santos M, Cunha H, Azevedo I, Berger-Estilita J, Costa P, Padilha JM.
BMC Nurs. 2024 May 21;23(1):338. doi: 10.1186/s12912-024-01999-6.
<https://pubmed.ncbi.nlm.nih.gov/38773568/>

Counterpoint: In-Home Pulmonary Rehabilitation Is an Attractive Alternative.

Bhatt SP.
Respir Care. 2024 May 28;69(6):763-771. doi: 10.4187/respcare.11957.
<https://pubmed.ncbi.nlm.nih.gov/38806227/>

The Rationale, Evidence, and Adaptations to Pulmonary Rehabilitation for Chronic Respiratory Diseases Other Than COPD.

Evans RA.
Respir Care. 2024 May 28;69(6):697-712. doi: 10.4187/respcare.12089.
<https://pubmed.ncbi.nlm.nih.gov/38806225/>

Barriers to Pulmonary Rehabilitation.

Rochester CL.
Respir Care. 2024 May 28;69(6):713-723. doi: 10.4187/respcare.11656.
<https://pubmed.ncbi.nlm.nih.gov/38806224/>

The effects of adding a six-month Pilates exercise program to three months of traditional community-based pulmonary rehabilitation in individuals with COPD: a prospective cohort study.

Barbosa M, de Melo CA, Torres R.
Can J Respir Ther. 2024 May 30;60:68-85. doi: 10.29390/001c.117966. eCollection 2024.
<https://pubmed.ncbi.nlm.nih.gov/38828206/>

Assessing the Barriers and Facilitators to Pulmonary Rehabilitation Referrals Using the Consolidated Framework for Implementation Research (CFIR).

Gabriel AS, Finkelstein J.
AMIA Jt Summits Transl Sci Proc. 2024 May 31;2024:172-181. eCollection 2024.
<https://pubmed.ncbi.nlm.nih.gov/38827066/>

Pulmonary rehabilitation: A cohort study assessing the effectiveness of a multi-professional nutrition intervention.

Holst M, Geisler L, Mikkelsen S, Rasmussen HH, Jørgensen BG, Beck AM.
Clin Nutr ESPEN. 2024 Aug;62:33-42. doi: 10.1016/j.clnesp.2024.04.020.
<https://pubmed.ncbi.nlm.nih.gov/38901947/>

Motivations for completing pulmonary rehabilitation - A qualitative analysis.

Harvey J, Ingram K, Edwards G, Jenkins TO, Gardener G, Patel S, Man WD, Barker RE. Chron Respir Dis. 2024 Jan-Dec;21:14799731241264789. doi: 10.1177/14799731241264789. <https://pubmed.ncbi.nlm.nih.gov/38901833/>

EXERCISE TESTING AND TRAINING

The Influence of Lung Function and Respiratory Muscle Strength on Quadriceps Muscle Fatigability in COPD Patients Under Long-term Oxygen Therapy.

Paneroni M, Cavicchia A, Beatrice S, Bertacchini L, Venturelli M, Vitacca M. Arch Bronconeumol. 2024 Apr 23;S0300-2896(24)00111-X. doi: 10.1016/j.arbres.2024.04.004. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/38719676/>

Comparable Ventilatory Inefficiency at Maximal and Submaximal Performance in COPD vs. CHF subjects: An Innovative Approach.

de Campos GGO, Goelzer LS, Augusto TRL, Barbosa GW, Chiappa GR, van Iterson EH, Muller PT. Arq Bras Cardiol. 2024 Apr 29;121(4):e20230578. doi: 10.36660/abc.20230578. eCollection 2024. <https://pubmed.ncbi.nlm.nih.gov/38695473/>

Inspiratory Muscle Training: Back to Basics Must be the First Step?

Ballesteros-Reviriego G, Arbillaga-Etxarri A, Martí JD. Arch Bronconeumol. 2024 May;60(5):267-268. doi: 10.1016/j.arbres.2024.03.025. Epub 2024 Apr 6. <https://pubmed.ncbi.nlm.nih.gov/38702139/>

Is there any physiological reason to train expiratory muscles in people with mild COPD?

Paneroni M, Vitacca M, Salvi B, Simonelli C, Arici M, Ambrosino N. Pulmonology. 2024 May 3;S2531-0437(24)00049-7. doi: 10.1016/j.pulmoe.2024.04.004. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/38704310/>

Measuring Physical Functioning Using Wearable Sensors in Parkinson Disease and Chronic Obstructive Pulmonary Disease (the Accuracy of Digital Assessment of Performance Trial Study): Protocol for a Prospective Observational Study.

de Graaf D, de Vries NM, van de Zande T, Schimmel JJP, Shin S, Kowahl N, Barman P, Kapur R, Marks WJ Jr, van 't Hul A, Bloem B. JMIR Res Protoc. 2024 May 7;13:e55452. doi: 10.2196/55452. <https://pubmed.ncbi.nlm.nih.gov/38713508/>

Effects of Respiratory Function Exercise and Psychological Nursing on COPD Patients: A Comprehensive Study.

Liu X, Wang J, Sun J, Pan K, Wu K, Sun C, Ma H. Altern Ther Health Med. 2024 May 10:AT9486. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/38743903/>

Quality of aerobic training description and its relation to intervention efficacy in chronic obstructive pulmonary disease trials: study protocol for a systematic review, meta-analysis and meta-regression.

Jakobsson J, Stoffels AAF, van Hees HWH, De Brandt J, Nyberg A, Klijn P.
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<https://pubmed.ncbi.nlm.nih.gov/38803267/>

Respiratory muscle strength can improve the prognostic assessment in COPD.

Silva RN, Goulart CDL, de Oliveira CR, Mendes RG, Arena R, Myers J, Borghi-Silva A.
Sci Rep. 2024 May 29;14(1):12360. doi: 10.1038/s41598-024-54264-w.
<https://pubmed.ncbi.nlm.nih.gov/38811574/>

Effect of 12-week head-down strong abdominal breathing on cognitive function in patients with stable chronic obstructive pulmonary disease: a single-centre randomised controlled trial protocol.

Song F, Ding K, Sun M, Xia R.
Trials. 2024 May 30;25(1):351. doi: 10.1186/s13063-024-08193-8.
<https://pubmed.ncbi.nlm.nih.gov/38816733/>

Impact of Real-Time Assessment of Pulse Oximetry on the 6-Min Walk Distance in Patients With Chronic Respiratory Disease.

Wagner LE, Rosa GH, Plachi F, da Silva AB, Imperador ADS, de Azevedo AC, Gazzana MB, Neder JA, Berton DC.
Respir Care. 2024 Jun 4:respcare.11751. doi: 10.4187/respcare.11751. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38834198/>

Effects of Neuromuscular Electrical Stimulation on Muscle Strength, Functional Capacity, and Quality of Life Among Older Patients With Asthma.

Develi E, Muammer R, Kucukardali Y.
Altern Ther Health Med. 2024 Jun 7:AT7798. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38843418/>

The Effect of Tai Chi on Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review.

Yılmaz Karabulutlu E, Şimşekli D, Üstündağ Ş.
Altern Ther Health Med. 2024 Jun 7:AT7308. Online ahead of print.
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The Long-Term Benefit of Exercise With and Without Manual Therapy for Mild Chronic Obstructive Pulmonary Disease: A Randomized Controlled Trial.

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J Cardiopulm Rehabil Prev. 2024 Jun 7. doi: 10.1097/HCR.0000000000000871. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38870023/>

Effect of adding neuromuscular electrical stimulation for patients with moderate to severe chronic obstructive pulmonary disease: Systematic review and meta-analysis.

Liou YG, Chang SL, Hu S, Chen MZ, Yeh JT.

Complement Ther Clin Pract. 2024 Jun 7;57:101867. doi: 10.1016/j.ctcp.2024.101867. Online ahead of print.

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Exercise-based interventions targeting balance and falls in people with COPD: a systematic review and meta-analysis.

Loughran KJ, Emerson J, Avery L, Suri S, Flynn D, Kaner E, Rapley T, Martin D, McPhee J, Fernandes-James C, Harrison SL.

Eur Respir Rev. 2024 Jun 26;33(172):240003. doi: 10.1183/16000617.0003-2024. Print 2024 Apr.

<https://pubmed.ncbi.nlm.nih.gov/38925795/>

Interventions with a clear focus on achieving behaviour change are important for maintaining training-related gains in people with chronic obstructive pulmonary disease: a systematic review.

Hug S, Cavalheri V, Lawson-Smith H, Gucciardi DF, Hill K.

J Physiother. 2024 Jun 24:S1836-9553(24)00058-4. doi: 10.1016/j.jphys.2024.06.003. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38918084/>

PHYSICAL ACTIVITY

Assessing the causal role of physical activity and leisure sedentary behaviours with chronic obstructive pulmonary disease: a Mendelian randomisation study.

Xiao L, Li W, Li F, Chen X, Xu Y, Hu Y, Fu Y, Feng L.

BMJ Open Respir Res. 2024 Apr 30;11(1):e001879. doi: 10.1136/bmjresp-2023-001879.

<https://pubmed.ncbi.nlm.nih.gov/38688688/>

Impact of automated data flow and reminders on adherence and resource utilization for remotely monitoring physical activity in individuals with stroke or chronic obstructive pulmonary disease.

French MA, Balasubramanian A, Hansel NN, Penttinen SK, Wise R, Raghavan P, Wegener ST, Roemmich RT, Celnik PA.

medRxiv [Preprint]. 2024 Apr 18:2024.04.15.24305852. doi: 10.1101/2024.04.15.24305852.

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Motivation and confidence about physical activity in COPD patients: health benefits matter to patients.

Aljama C, Granados G, Ramon M, Barrecheguren M, Loeb E, Nuñez A, Pleguezuelos E, García-Río F, Miravitlles M.

Respiration. 2024 May 10. doi: 10.1159/000539206. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38735281/>

What kind of non-pharmacological strategy for reducing sedentary behavior in COPD? Data from a scoping review.

Younes A, Mandigout S, Robin L, Borel B.

Respir Med. 2024 May 15:107662. doi: 10.1016/j.rmed.2024.107662. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38759875/>

Motivating factors for physical activity participation among individuals with chronic obstructive pulmonary disease: A qualitative study applying the motivation, opportunity, and ability model.

Liao Y, Yu J, Zhan Y, Liu Y, Zhou Y, Wang H, Liu X, Wang W, Ma Y, Lan F.
PLoS One. 2024 May 23;19(5):e0303858. doi: 10.1371/journal.pone.0303858. eCollection 2024.
<https://pubmed.ncbi.nlm.nih.gov/38781270/>

A behaviour change intervention to reduce sedentary behaviour in chronic obstructive pulmonary disease: a qualitative study.

Cheng SWM, Guan C, Dennis S, Alison J, Stamatakis E, McKeough Z.
Physiotherapy. 2024 Apr 25;124:9-20. doi: 10.1016/j.physio.2024.04.347. Online ahead of print.
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Influencing factors of sedentary behaviour in people with chronic obstructive pulmonary disease: a systematic review.

Harding S, Richardson A, Glynn A, Hodgson L.
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<https://pubmed.ncbi.nlm.nih.gov/38789283/>

Evaluation of physical activity before and after respiratory rehabilitation in normal weight individuals with asthma: a feasibility study.

Oliva FM, Tarasconi M, Malovini A, Zappa M, Visca D, Zampogna E.
Front Sports Act Living. 2024 May 9;6:1372048. doi: 10.3389/fspor.2024.1372048. eCollection 2024.
<https://pubmed.ncbi.nlm.nih.gov/38783863/>

Physical exercise and chicken egg white supplementation increase muscle mass of stable COPD patients.

Amin MN, Tarigan AP, Pradana A, Ashar T, Osareniro OE.
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Physical Activity and Systemic Biomarkers in Persons With COPD: Insights from a Web-Based Pedometer-Mediated Intervention.

Berube MN, Robinson SA, Wan ES, Mongiardo MA, Finer EB, Moy ML.
Chronic Obstr Pulm Dis. 2024 May 3. doi: 10.15326/jcopdf.2023.0472. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38809105/>

Biomarkers of Inflammation and Longitudinal Evaluation of Lung Function, Physical Activity, and Grip Strength: A Secondary Analysis in the CASCADE Study.

MacDonald DM, Samorodnitsky S, Lock EF, Fan V, Chen Z, Nguyen HQ, Wendt CH.
Chronic Obstr Pulm Dis. 2024 Jun 5. doi: 10.15326/jcopdf.2024.0500. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38838254/>

Emotional Distress and Physical Activity Engagement in U.S. Veterans With Chronic Obstructive Pulmonary Disease: A Qualitative Study.

Bamonti PM, Rose GA, Park S, Silberbogen AK, Moyer J, Moy ML.

Ann Behav Med. 2024 Jun 7:kaae030. doi: 10.1093/abm/kaae030. Online ahead of print.

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The importance of addressing physical activity and exercise intolerance in our patients with COPD.

Goldstein R, Jardim JR, Nici L, Raskin J, Spruit MA, ZuWallack R.

Breathe (Sheff). 2024 Jun 11;20(2):230272. doi: 10.1183/20734735.0272-2023. eCollection 2024 Jun.

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Prevalence and prognostic importance of exercise limitation and physical inactivity in COPD.

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Increasing exercise capacity and physical activity in the COPD patient.

Kaur A, Bourbeau J, Brighton L, Celli B, Crouch R, Demeyer H, Gerardi DA, Katsura H, Meek P, Morgan M, Paneroni M, Singh S, Stickland MK.

Breathe (Sheff). 2024 Jun 11;20(2):230347. doi: 10.1183/20734735.0347-2023. eCollection 2024 Jun.

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Unravelling the complex interplay of factors behind exercise limitations and physical inactivity in COPD.

Tang CY, Bernstein B, Blackstock F, Blondeel A, Gershon A, Gimeno-Santos E, Gloeckl R, Marques A, Spruit MA, Garvey C, Morgan M, Nici L, Singh SJ, Troosters T.

Breathe (Sheff). 2024 Jun 11;20(2):230180. doi: 10.1183/20734735.0180-2023. eCollection 2024 Jun.

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Behaviour change interventions for physical activity in adults with chronic obstructive pulmonary disease; A systematic review and meta-analysis.

Hanrahan C, Broderick J, O'Connor TM, McVeigh JG.

Respir Med Res. 2024 Jun;85:101068. doi: 10.1016/j.resmer.2023.101068.

<https://pubmed.ncbi.nlm.nih.gov/38154398/>

Digital Self-Management Platform for Adult Asthma: Randomized Attention-Placebo Controlled Trial.

Kandola A, Edwards K, Straatman J, Dührkoop B, Hein B, Hayes J.
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<https://pubmed.ncbi.nlm.nih.gov/38684084/>

Rationale and Design of Healthy at Home for COPD: an Integrated Remote Patient Monitoring and Virtual Pulmonary Rehabilitation Pilot Study.

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Filling the gaps in the evaluation and selection of mobile health technologies in respiratory medicine.

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Expert Rev Respir Med. 2024 May 25. doi: 10.1080/17476348.2024.2361048. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38795074/>

Internet of Things-Based Home Respiratory Muscle Training for Patients with Chronic Obstructive Pulmonary Disease: A Randomized Clinical Trial.

Chen Q, Wu X, Huang Y, Chen L.
Int J Chron Obstruct Pulmon Dis. 2024 May 22;19:1093-1103. doi: 10.2147/COPD.S454804. eCollection 2024.
<https://pubmed.ncbi.nlm.nih.gov/38800522/>

Internet-delivered cognitive-behaviour therapy for anxiety related to asthma: study protocol for a randomised controlled trial.

Bonnert M, Nash S, Andersson EM, Bergström SE, Janson C, Almqvist C.
BMJ Open Respir Res. 2024 May 27;11(1):e002035. doi: 10.1136/bmjresp-2023-002035.
<https://pubmed.ncbi.nlm.nih.gov/38802281/>

Virtual Reality Applications for the Implementation of Domestic Respiratory Rehabilitation Programs for Patients With Long COVID and Post-COVID Condition: Scoping Review.

Dalko K, Elsuson HA, Kalter I, Zilezinski M, Hofstetter S, Stoevesandt D, Paulicke D, Jahn P.
JMIR Serious Games. 2024 May 31;12:e52309. doi: 10.2196/52309.
<https://pubmed.ncbi.nlm.nih.gov/38819890/>

Smartphone applications supporting self-management programme for adults with Chronic Obstructive Pulmonary Disease: A Scoping Review.

Glynn L, Mc Cann M, Mc Cabe C.
PLOS Digit Health. 2024 Jun 13;3(6):e0000532. doi: 10.1371/journal.pdig.0000532. eCollection 2024 Jun
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Preferences, Needs, and Values of Patients With Chronic Obstructive Pulmonary Disease Attending a Telehealth Service: Qualitative Interview Study.

Schmidt CW, Borgnakke K, Frølich A, Kayser L.
JMIR Hum Factors. 2024 Jun 21;11:e53131. doi: 10.2196/53131.
<https://pubmed.ncbi.nlm.nih.gov/38905629/>

The Effects of Digital Health Interventions for Pulmonary Rehabilitation in People with COPD: A Systematic Review of Randomized Controlled Trials.

Aburub A, Darabseh MZ, Badran R, Eilayyan O, Shurrab AM, Degens H.
Medicina (Kaunas). 2024 Jun 11;60(6):963. doi: 10.3390/medicina60060963.
<https://pubmed.ncbi.nlm.nih.gov/38929580/>

Comparative effectiveness of eHealth interventions on the exercise endurance and quality of life of patients with COPD: A systematic review and network meta-analysis.

Chang H, Zhou J, Chen Y, Wang X, Wang Z.
J Clin Nurs. 2024 Jun 27. doi: 10.1111/jocn.17225. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38937908/>

PATIENT REPORTED OUTCOME MEASURES

DEVELOPMENT OF A DISEASE-SPECIFIC HEALTH UTILITY SCORE FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE FROM A DISCRETE CHOICE EXPERIMENT PATIENT PREFERENCE STUDY.

Jones B, Ryan M, Cook NS, Gutzwiller FS.
Int J Technol Assess Health Care. 2024 May 2:1-31. doi: 10.1017/S0266462324000242.
Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38695141/>

Measuring burden of disease in both asthma and COPD by merging the ACQ and CCQ: less is more?

Cuperus LJA, van Zelst CM, Kerstjens HAM, Hendriks RW, Rutten-van Molken MPMH, Muilwijk-Kroes JB, Braunstahl GJ, In 't Veen JCCM.
NPJ Prim Care Respir Med. 2024 May 3;34(1):8. doi: 10.1038/s41533-024-00364-z.
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Meaning in Life: A Novel Factor for Promoting Wellbeing in COPD.

Batzlaff C, Roy M, Hoult J, Benzo R.
Chronic Obstr Pulm Dis. 2024 May 6. doi: 10.15326/jcopdf.2023.0476. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38722738/>

Validation of the Onset of Effect Questionnaire in Participants With Chronic Obstructive Pulmonary Disease.

Strange C, Make BJ, Trudo FJ, Harding G, Rodriguez D, Eudicone JM, Feigler N, Gandhi HN.
Chronic Obstr Pulm Dis. 2024 May 7. doi: 10.15326/jcopdf.2023.0485. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/38722709/>

Effectiveness of the Assessment of Burden of Chronic Conditions (ABCC)-tool in patients with asthma, COPD, type 2 diabetes mellitus, and heart failure: A pragmatic clustered quasi-experimental study in the Netherlands.

Boudewijns EA, Claessens D, van Schayck OCP, Twellaar M, Winkens B, Joore MA, Keijsers LCEM, Krol S, Urlings M, Gidding-Slok AHM.

Eur J Gen Pract. 2024 Dec;30(1):2343364. doi: 10.1080/13814788.2024.2343364. Epub 2024 May 13.

<https://pubmed.ncbi.nlm.nih.gov/38738695/>

Disease Burden and Health-Related Quality of Life (HRQoL) of Chronic Obstructive Pulmonary Disease (COPD) in the US - Evidence from the Medical Expenditure Panel Survey (MEPS) from 2016-2019.

Roberts MH, Mannino DM, Mapel DW, Lunacsek O, Amin S, Farrelly E, Feigler N, Pollack MF. Int J Chron Obstruct Pulmon Dis. 2024 May 13;19:1033-1046. doi: 10.2147/COPD.S446696. eCollection 2024.

<https://pubmed.ncbi.nlm.nih.gov/38765766/>

Validity study of the Japanese version of the Nijmegen Questionnaire for verifying dysfunctional breathing in Japanese asthma patients.

Kotera S, Maruoka S, Kurosawa Y, Arai H, Yamada S, Fukuda A, Kozu Y, Hiranuma H, Ito R, Shaku F, Gon Y.

J Allergy Clin Immunol Glob. 2024 Apr 3;3(3):100247. doi: 10.1016/j.jacig.2024.100247. eCollection 2024 Aug.

<https://pubmed.ncbi.nlm.nih.gov/38784438/>

Relationships between symptoms and lung function in asthma and/or chronic obstructive pulmonary disease in a real-life setting: the NOVEL observational longitudinal study.

Papi A, Hughes R, Del Olmo R, Agusti A, Chipps BE, Make B, Tomaszewski E, Peres Da Costa K, Srivastava D, Vestbo J, Janson C, Burgel PR, Price D.

Ther Adv Respir Dis. 2024 Jan-Dec;18:17534666241254212. doi: 10.1177/17534666241254212.

<https://pubmed.ncbi.nlm.nih.gov/38841799/>

Relationships between symptoms and lung function in asthma and/or chronic obstructive pulmonary disease in a real-life setting: the NOVEL observational longitudinal study.

Papi A, Hughes R, Del Olmo R, Agusti A, Chipps BE, Make B, Tomaszewski E, Peres Da Costa K, Srivastava D, Vestbo J, Janson C, Burgel PR, Price D.

Ther Adv Respir Dis. 2024 Jan-Dec;18:17534666241254212. doi: 10.1177/17534666241254212.

<https://pubmed.ncbi.nlm.nih.gov/38841799/>

INTERSTITIAL LUNG DISEASE

Smoking status and clinical outcome in idiopathic pulmonary fibrosis: a nationwide study.

Yoon HY, Kim H, Bae Y, Song JW.

Respir Res. 2024 Apr 29;25(1):191. doi: 10.1186/s12931-024-02819-w.

<https://pubmed.ncbi.nlm.nih.gov/38685071/>

Untreated Obstructive Sleep Apnea in Interstitial Lung Disease and Impact on Interstitial Lung Disease Outcomes.

Melani AS, Croce S, Messina M, Bargagli E.

Sleep Med Clin. 2024 Jun;19(2):283-294. doi: 10.1016/j.jsmc.2024.02.008. Epub 2024 Mar 13.

<https://pubmed.ncbi.nlm.nih.gov/38692753/>

Incidence, prevalence and mortality of idiopathic pulmonary fibrosis in England from 2008 to 2018: a cohort study.

Gupta R, Morgan AD, George PM, Quint JK.

Thorax. 2024 Apr 30;thorax-2023-220887. doi: 10.1136/thorax-2023-220887. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/38688708/>

Proportion and predictors of FVC decline in patients with interstitial lung disease.

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