



ERS literature update January-February 2023

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

Understanding the Impact of Pulmonary Rehabilitation on Airway Resistance in Patients with Severe COPD: A Single-Center Retrospective Study.

Kiliç L, Tural Önür S, Gorek Dilektasli A, Ulubay G, Balci A.

Int J Chron Obstruct Pulmon Dis. 2023 Jan 4;18:1-10. doi: 10.2147/COPD.S384127. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36628301/>

Cough Assessment and Management in Pulmonary Rehabilitation- A Canadian Survey.

Ilicic AM, Brooks D, Kho M, Goldstein R, Oliveira A.

COPD. 2023 Jan 19:1-9. doi: 10.1080/15412555.2022.2141622. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36656707/>

Time-Course of Changes in Multidimensional Fatigue and Functional Exercise Capacity and Their Associations during a Short Inpatient Pulmonary Rehabilitation Program.

Alexandre F, Molinier V, Hognon L, Charbonnel L, Calvat A, Castanyer A, Henry T, Marcenac A, Jollive M, Vernet A, Oliver N, Heraud N.

COPD. 2023 Dec;20(1):55-63. doi: 10.1080/15412555.2022.2164261.

<https://pubmed.ncbi.nlm.nih.gov/36655947/>

Improving the wellbeing of caregivers of patients with COPD using a home-based pulmonary rehabilitation programme.

Grosbois JM, Gephine S, Kyheng M, Le Rouzic O, Chenivesse C.

ERJ Open Res. 2022 Dec 12;8(4):00255-2022. doi: 10.1183/23120541.00255-2022. eCollection 2022 Oct.

<https://pubmed.ncbi.nlm.nih.gov/36655219/>

Responsiveness to pulmonary rehabilitation in COPD is associated with changes in microbiota.

Melo-Dias S, Cabral M, Furtado A, Souto-Miranda S, Mendes MA, Cravo J, Almeida CR, Marques A, Sousa A.

Respir Res. 2023 Jan 25;24(1):29. doi: 10.1186/s12931-023-02339-z.

<https://pubmed.ncbi.nlm.nih.gov/36698137/>

Availability and characteristics of pulmonary rehabilitation programs in family health centers and hospitals from Chile: Descriptive, retrospective and multicentric study.

Méndez A, Nieto C, Hidalgo G, Rodríguez-Núñez I.

Chron Respir Dis. 2023 Jan-Dec;20:14799731221147059. doi: 10.1177/14799731221147059.
<https://pubmed.ncbi.nlm.nih.gov/36703118/>

Pulmonary rehabilitation integrated coached exercise training for patients with COPD: a study protocol for a randomized controlled trial.

Jing Y, Ma Y, Zhang H, Wu Z, Li Y, Li H, Huang M, Lin L, Xu Y.
Trials. 2023 Jan 30;24(1):69. doi: 10.1186/s13063-022-07058-2.
<https://pubmed.ncbi.nlm.nih.gov/36717916/>

Clusters of individuals recovering from an exacerbation of chronic obstructive pulmonary disease and response to in-hospital pulmonary rehabilitation.

Vitacca M, Malovini A, Spanevello A, Ceriana P, Paneroni M, Maniscalco M, Balbi B, Rizzello L, Murgia R, Bellazzi R, Ambrosino N.
Pulmonology. 2023 Jan 28:S2531-0437(23)00006-5. doi: 10.1016/j.pulmoe.2023.01.002.
Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36717292/>

Characteristics and Predictors of Postural Control Impairment in Patients With COPD Participating in a Pulmonary Rehabilitation Program.

Pichon R, Ménard M, Haering D, Crétual A, Beaumont M.
J Cardiopulm Rehabil Prev. 2022 Dec 26. doi: 10.1097/HCR.0000000000000762. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36728886/>

Effect of pulmonary rehabilitation programme including either O2 inhalation or noninvasive ventilation in patients with chronic obstructive pulmonary disease.

Elmorshidy BES, Elkholy MGA, Elsaadany HM, Mansour YM, Sharshar RS, Bahr HM.
Can J Respir Ther. 2023 Jan 20;59:45-51. doi: 10.29390/cjrt-2022-051. eCollection 2023.
<https://pubmed.ncbi.nlm.nih.gov/36741305/>

Pulmonary rehabilitation restores limb muscle mitochondria and improves the intramuscular metabolic profile.

Qumu S, Sun W, Guo J, Zhang Y, Cai L, Si C, Xu X, Yang L, Situ X, Yang T, He J, Shi M, Liu D, Ren X, Huang K, Niu H, Li H, Yu C, Chen Y, Yang T.
Chin Med J (Engl). 2023 Feb 9. doi: 10.1097/CM9.0000000000002175. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36752784/>

Mind-Body Intervention for Dysfunctional Breathing in Chronic Obstructive Pulmonary Disease: Feasibility Study and Lessons Learned.

Norweg AM, Wu Y, Troxel A, Whiteson JH, Collins E, Haas F, Skamai A, Goldring R, Jean-Louis G, Reibman J, Ehrlich-Jones L, Simon N.
J Integr Complement Med. 2023 Feb 17. doi: 10.1089/jicm.2022.0552. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36800224/>

Cochrane corner: Pulmonary rehabilitation for adults with asthma.

Mundell A.
Clin Exp Allergy. 2023 Feb 21. doi: 10.1111/cea.14298. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36808665/>

EXERCISE TESTING AND TRAINING

Associations Between Muscle Weakness and Clinical Outcomes in Current and Former Smokers.

Zou RH, Nouraiie SM, Rossiter HB, McDonald ML, DeMeo DL, Mason S, Washko GR, Saha PK, Make BJ, Casaburi R, Regan EA, Bon J; COPDGene Investigators.

Chronic Obstr Pulm Dis. 2023 Jan 4. doi: 10.15326/jcopdf.2022.0365. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36599111/>

Inspiratory muscle training, with or without concomitant pulmonary rehabilitation, for chronic obstructive pulmonary disease (COPD).

Ammous O, Feki W, Lotfi T, Khamis AM, Gosselink R, Rebai A, Kammoun S.

Cochrane Database Syst Rev. 2023 Jan 6;1(1):CD013778. doi:

10.1002/14651858.CD013778.pub2.

<https://pubmed.ncbi.nlm.nih.gov/36606682/>

Critical Power and Respiratory Compensation Point Are Not Equivalent in Patients with COPD.

Tiller NB, Porszasz J, Casaburi R, Rossiter HB, Ferguson C.

Med Sci Sports Exerc. 2023 Jan 12. doi: 10.1249/MSS.0000000000003124. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36633582/>

Critical Power and Respiratory Compensation Point Are Not Equivalent in Patients with COPD.

Tiller NB, Porszasz J, Casaburi R, Rossiter HB, Ferguson C.

Med Sci Sports Exerc. 2023 Jan 12. doi: 10.1249/MSS.0000000000003124. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36633582/>

Clinical assessment of balance and functional impairments in people with stable chronic obstructive pulmonary disease: a systematic review and meta-analysis.

Núñez-Cortés R, Padilla-Acevedo P, Vergara-Peña F, Mollà-Casanova S, Espinoza-Bravo C, Torres-Castro R, Cruz-Montecinos C.

ERJ Open Res. 2022 Dec 12;8(4):00164-2022. doi: 10.1183/23120541.00164-2022.

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<https://pubmed.ncbi.nlm.nih.gov/36655220/>

Cardiovascular effects of exercise induced dynamic hyperinflation in COPD patients- Dynamically hyperinflated and non-hyperinflated subgroups.

Lukacsovits J, Szollosi G, Varga JT.

PLoS One. 2023 Jan 20;18(1):e0274585. doi: 10.1371/journal.pone.0274585. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36662787/>

Associations of the distance-saturation product and low-attenuation area percentage in pulmonary computed tomography with acute exacerbation in patients with chronic obstructive pulmonary disease.

Chen KY, Kuo HY, Lee KY, Feng PH, Wu SM, Chuang HC, Chen TT, Sun WL, Tseng CH, Liu WT, Cheng WH, Majumdar A, Stettler M, Tsai CY, Ho SC.

Front Med (Lausanne). 2023 Jan 4;9:1047420. doi: 10.3389/fmed.2022.1047420. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36687440/>

Metabolomic, oxidative, and inflammatory responses to acute exercise in chronic obstructive pulmonary disease.

Cakmak A, Nemutlu E, Yabanoglu-Ciftci S, Baysal I, Kocaaga E, Coplu L, Inal-Ince D.

Heart Lung. 2023 Jan 30;59:52-60. doi: 10.1016/j.hrtlng.2023.01.011. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36724589/>

High-intensity interval training improves the outcomes of patients with chronic obstructive pulmonary disease: A meta-analysis of randomized controlled trials.

Wang H, Liu Q, Liu L, Cao J, Liang Q, Zhang X.

Respir Med. 2023 Jan 27:107128. doi: 10.1016/j.rmed.2023.107128. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36717003/>

Reliability and Responsiveness of Endurance Shuttle Walk Test to Estimate Functional Exercise Capacity in Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-analysis.

Amber S, Mujaddadi A, Moiz JA.

Oman Med J. 2023 Jan 31;38(1):e455. doi: 10.5001/omj.2023.21. eCollection 2023 Jan.

<https://pubmed.ncbi.nlm.nih.gov/36818583/>

Skeletal Muscle Mitochondrial Dysfunction in Chronic Obstructive Pulmonary Disease: Underlying Mechanisms and Physical Therapy Perspectives.

Wang Y, Li P, Cao Y, Liu C, Wang J, Wu W.

Aging Dis. 2023 Feb 1;14(1):33-45. doi: 10.14336/AD.2022.0603. eCollection 2023 Feb 1.

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Changes in Blood Markers of Oxidative Stress, Inflammation and Cardiometabolic Patients with COPD after Eccentric and Concentric Cycling Training.

Valero-Breton M, Valladares-Ide D, Álvarez C, Peñailillo RS, Peñailillo L.

Nutrients. 2023 Feb 11;15(4):908. doi: 10.3390/nu15040908.

<https://pubmed.ncbi.nlm.nih.gov/36839267/>

The Relationship between Exertional Desaturation and Pulmonary Function, Exercise Capacity, or Medical Costs in Chronic Obstructive Pulmonary Disease Patients.

Tsai ML, Li CL, Chang HC, Tsai YC, Tseng CW, Liu SF.

Medicina (Kaunas). 2023 Feb 17;59(2):391. doi: 10.3390/medicina59020391.

<https://pubmed.ncbi.nlm.nih.gov/36837592/>

Dissociation between physical capacity and daily physical activity in COPD patients. A population-based approach.

García-Río F, Miravittles M, Soriano JB, Cosío BG, Soler-Cataluña JJ, Casanova C, de Lucas P, Alfageme I, González-Moro JMR, Sánchez G, Ancochea J.

Respir Med. 2023 Jan 4:107115. doi: 10.1016/j.rmed.2023.107115. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36610693/>

The impact of sleep duration on physical activity in daily life in patients with idiopathic pulmonary fibrosis.

Silva H, Mantoani LC, Aguiar WF, Gonçalves AFL, da Silva TG, Zamboti CL, Ribeiro M, Probst VS, Pitta F, Camillo CA.

Physiother Theory Pract. 2023 Jan 9:1-10. doi: 10.1080/09593985.2022.2160679. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36622293/>

Physical activity promotion interventions in chronic airways disease: a systematic review and meta-analysis.

Reilly C, Sails J, Stavropoulos-Kalinoglou A, Birch RJ, McKenna J, Clifton IJ, Peckham D, Birch KM, Price OJ.

Eur Respir Rev. 2023 Jan 25;32(167):220109. doi: 10.1183/16000617.0109-2022. Print 2023 Mar 31.

<https://pubmed.ncbi.nlm.nih.gov/36697208/>

To Act or Not to Act-a Sense of Control Is Important for People With Chronic Obstructive Pulmonary Disease to Increase Physical Activity: Grounded Theory Study.

Marklund S, Sörlin A, Stenlund T, Wadell K, Nyberg A.

JMIR Form Res. 2023 Feb 3;7:e39969. doi: 10.2196/39969.

<https://pubmed.ncbi.nlm.nih.gov/36735302/>

Validity and accuracy of step count as an indicator of a 'sedentary lifestyle' in people with chronic obstructive pulmonary disease.

Cheng SWM, Alison JA, Stamatakis E, Dennis SM, McKeough ZJ.

Arch Phys Med Rehabil. 2023 Feb 10:S0003-9993(23)00097-7. doi:

10.1016/j.apmr.2023.01.020. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36775005/>

The relationship between dyspnea-related kinesiophobia and physical activity in people with COPD: Cross-sectional survey and mediated moderation analysis.

Wang J, Bai C, Zhang Z, Chen O.

Heart Lung. 2023 Feb 14;59:95-101. doi: 10.1016/j.hrtlng.2023.02.007. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36796249/>

Prediction of Low-intensity Physical Activity in Stable Patients with Chronic Obstructive Pulmonary Disease.

Kawagoshi A, Iwakura M, Furukawa Y, Sugawara K, Takahashi H, Shioya T.
Phys Ther Res. 2022;25(3):143-149. doi: 10.1298/ptr.E10208.
<https://pubmed.ncbi.nlm.nih.gov/36819916/>

Clinical Impacts of Interventions for Physical Activity and Sedentary Behavior on Patients with Chronic Obstructive Pulmonary Disease.

Tashiro H, Takahashi K.
J Clin Med. 2023 Feb 17;12(4):1631. doi: 10.3390/jcm12041631.
<https://pubmed.ncbi.nlm.nih.gov/36836165/>

TELEMEDICINE*

**Composed in collaboration with Dr. Vitalii Poberezhets (Chair of Group 01.04 - m-Health/e-health)*

Remotely monitored Baduanjin exercise in moderate-to-severe chronic obstructive pulmonary disease patients (BROCADE): A study protocol.

Xu S, Yin Z, Chen Z, Zhang D, Ye S, Zhou P, Chen A, Wu D, Liu W, Zhang L, Guo L, Xu G, Zhou L. Medicine (Baltimore). 2022 Dec 30;101(52):e32079. doi: 10.1097/MD.00000000000032079.
<https://pubmed.ncbi.nlm.nih.gov/36596062/>

Assessing the technical feasibility of a flexible, integrated Internet-of-things connected for asthma (C4A) system to support self-management: a mixed method study exploring patients and healthcare professionals perspectives.

Hui CY, McKinstry B, Mclean S, Buchner M, Pinnock H.
JAMIA Open. 2022 Dec 30;5(4):ooac110. doi: 10.1093/jamiaopen/ooac110. eCollection 2022 Dec.
<https://pubmed.ncbi.nlm.nih.gov/36601366/>

Effect of telemonitoring on readmissions for acute exacerbation of chronic obstructive pulmonary disease: A randomized clinical trial.

Andersen FD, Trolle C, Pedersen AR, K pfl  ML, B rgesen S, Jensen MS, Hyldegaard C.
J Telemed Telecare. 2023 Jan 23:1357633X221150279. doi: 10.1177/1357633X221150279.
Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36683440/>

Study protocol of an international patient-led registry in patients with pulmonary fibrosis using online home monitoring: I-FILE.

Nakshbandi G, Moor CC, Antoniou K, Cottin V, Hoffmann-Vold AM, Koemans EA, Kreuter M, Molyneaux PL, Wuyts WA, Wijssenbeek MS.
BMC Pulm Med. 2023 Feb 2;23(1):51. doi: 10.1186/s12890-023-02336-4.
<https://pubmed.ncbi.nlm.nih.gov/36732734/>

Home-Based Pulmonary Rehabilitation and Health Coaching in Fibrotic Interstitial Lung Disease: IMPLEMENTATION AND QUALITATIVE ASSESSMENT OF A PILOT TELEHEALTH PROGRAM.

Duke JD, Moua T, Ridgeway JL, Roy M, Benzo M, Hoult J, Benzo R.

J Cardiopulm Rehabil Prev. 2023 Jan 12. doi: 10.1097/HCR.0000000000000766. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36728336/>

Is telerehabilitation an effective maintenance strategy for patients with chronic obstructive pulmonary diseases: a systematic review.

Uche-Okoye D, Ajemba MN, Amy B, Arene EC, Ugo CH, Eze NP, Anyadike IK, Onuorah UM, Chiwenite CM.

Bull Natl Res Cent. 2023;47(1):13. doi: 10.1186/s42269-023-00980-8. Epub 2023 Feb 1.

<https://pubmed.ncbi.nlm.nih.gov/36743313/>

Advancing Digital Solutions to Overcome Longstanding Barriers in Asthma and COPD Management.

Bosnic-Anticevich S, Bakerly ND, Chrystyn H, Hew M, van der Palen J.

Patient Prefer Adherence. 2023 Jan 28;17:259-272. doi: 10.2147/PPA.S385857. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36741814/>

Effect of telemonitoring on quality of life for patients with chronic obstructive pulmonary disease-A randomized controlled trial.

Køpfli ML, Børghesen S, Jensen MS, Hylgaard C, Bell C, Andersen FD.

Chron Respir Dis. 2023 Jan-Dec;20:14799731231157771. doi: 10.1177/14799731231157771.

<https://pubmed.ncbi.nlm.nih.gov/36775280/>

Preferences for an eHealth tool to support physical activity and exercise training in COPD: a qualitative study from the viewpoint of prospective users.

Sönnerfors P, Skavberg Roaldsen K, Lundell S, Toots A, Wadell K, Halvarsson A.

BMC Pulm Med. 2023 Feb 13;23(1):65. doi: 10.1186/s12890-023-02353-3.

<https://pubmed.ncbi.nlm.nih.gov/36782155/>

Telemedical Interventions for Chronic Obstructive Pulmonary Disease Management: Umbrella Review.

Koh JH, Chong LCY, Koh GCH, Tyagi S.

J Med Internet Res. 2023 Feb 16;25:e33185. doi: 10.2196/33185.

<https://pubmed.ncbi.nlm.nih.gov/36795479/>

Digitally-enabled, patient-centred care in rhinitis and asthma multimorbidity: The ARIA-MASK-air® approach.

Bousquet J, Anto JM, Sousa-Pinto B, et al.

Clin Transl Allergy. 2023;13(1):e12215. doi:10.1002/ct2.12215

<https://pubmed.ncbi.nlm.nih.gov/36705508/>

The Relationship between Depressive Symptoms, eHealth Literacy, and Asthma Outcomes in the Context of a Mobile Health Intervention.

Silverstein GD, Styke SC, Kaur S, Singh A, Green S, Jariwala SP, Feldman J.

Psychosom Med. 2023 Jan 27. doi: 10.1097/PSY.0000000000001170. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36799736/>

Licensure laws and other barriers to telemedicine and telehealth: an urgent need for reform.

Raghu G, Mehrotra A.

Lancet Respir Med. 2023;11(1):11-13. doi:10.1016/S2213-2600(22)00482-9

<https://pubmed.ncbi.nlm.nih.gov/36521508/>

User-centered mobile health applications for asthma.

Hantgan SL, Jariwala SP.

Ann Allergy Asthma Immunol. 2023;130(2):159-160. doi:10.1016/j.anai.2022.11.011

<https://pubmed.ncbi.nlm.nih.gov/36400353/>

Patients' Satisfaction with Remote Asthma Medical Follow-Up Before and During the COVID-19 Pandemic.

Alexandre L, Pereira AM, Amaral R, Alves-Correia M, Almeida R, Almeida Fonseca J, Jácome C.

Telemed J E Health. 2023;10.1089/tmj.2022.0370. doi:10.1089/tmj.2022.0370

<https://pubmed.ncbi.nlm.nih.gov/36780001/>

Telemedicine in the management of chronic obstructive pulmonary disease: A systematic review.

Vila M, Rosa Oliveira V, Agustí A.

Med Clin (Barc). 2023 Feb 16:S0025-7753(23)00025-8. doi: 10.1016/j.medcli.2023.01.008.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36801105/>

Barriers and facilitators to the adoption of digital health interventions for COPD management: A scoping review.

Ramachandran HJ, Oh JL, Cheong YK, Jiang Y, Teo JYC, Seah CWA, Yu M, Wang W.

Heart Lung. 2023 Feb 15;59:117-127. doi: 10.1016/j.hrtlng.2023.02.004. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36801546/>

Internet of medical things-based real-time digital health service for precision medicine: Empirical studies using MEDBIZ platform.

Lee HY, Lee KH, Lee KH, Erdenbayar U, Hwang S, Lee EY, Lee JH, Kim HJ, Park SB, Park JW, Chung TY, Kim TH, Youk H.

Digit Health. 2023 Jan 9;9:20552076221149659. doi: 10.1177/20552076221149659.

<https://pubmed.ncbi.nlm.nih.gov/36644659/>

Primary care asthma surveillance: a review of knowledge translation tools and strategies for quality improvement.

Moloney M, Digby G, MacKinnon M, Morra A, Barber D, Queenan J, Gupta S, To T, Loughheed MD.

Allergy Asthma Clin Immunol. 2023 Jan 17;19(1):3. doi: 10.1186/s13223-022-00755-2.

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Nighttime Continuous Contactless Smartphone-Based Cough Monitoring for the Ward: Validation Study.

Barata F, Cleres D, Tinschert P, Iris Shih CH, Rassouli F, Boesch M, Brutsche M, Fleisch E. JMIR Form Res. 2023 Feb 20;7:e38439. doi: 10.2196/38439.

<https://pubmed.ncbi.nlm.nih.gov/36655551/>

PATIENT REPORTED OUTCOME MEASURES

Responsiveness of the late life disability instrument to pulmonary rehabilitation in people with COPD.

O'Hoski S, Kuspinar A, Richardson J, Wald J, Goldstein R, Beauchamp MK.

Respir Med. 2023 Jan 3;207:107113. doi: 10.1016/j.rmed.2023.107113. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36608861/>

The Voice of Patients Really Matters: Using Patient-Reported Outcomes and Experiences Measures to Assess Effectiveness of Home-Based Integrated Care-A Scoping Review of Practice.

Bandurska E.

Healthcare (Basel). 2022 Dec 28;11(1):98. doi: 10.3390/healthcare11010098.

<https://pubmed.ncbi.nlm.nih.gov/36611558/>

Validation of the CaReQoL asthma: a patient reported outcome measure for monitoring the perceived effects of pulmonary rehabilitation in adult patients with severe refractory asthma.

Springvloedt L, Triemstra M, Knottnerus B, Rolink M, Heijerman H, de Boer D.

Respir Res. 2023 Jan 13;24(1):14. doi: 10.1186/s12931-022-02281-6.

<https://pubmed.ncbi.nlm.nih.gov/36639773/>

Implementing the Patient Needs in Asthma Treatment (NEAT) questionnaire in routine care: a qualitative study among patients and health professionals.

Salandi J, Vu-Eickmann P, Apfelbacher C, Sheikh A, Loerbroks A.

BMC Pulm Med. 2023 Jan 17;23(1):21. doi: 10.1186/s12890-022-02293-4.

<https://pubmed.ncbi.nlm.nih.gov/36650461/>

Relationship Between Asthma Control as Measured by the Asthma Impairment and Risk Questionnaire (AIRQ) and Patient Perception of Disease Status, Health-Related Quality of Life, and Treatment Adherence.

Reibman J, Chipps BE, Zeiger RS, Beuther DA, Wise RA, McCann W, Gilbert I, Eudicone JM, Gandhi HN, Harding G, Cutts K, Coyne KS, Murphy KR, George M.

J Asthma Allergy. 2023 Jan 5;16:59-72. doi: 10.2147/JAA.S373184. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36636702/>

Impact of Psychological Factors on Functional Performance among Patients with Chronic Obstructive Pulmonary Disease.

Aldhahi MI, Baattaiah BA, Nazer RI, Albarrati A.

Int J Environ Res Public Health. 2023 Jan 10;20(2):1285. doi: 10.3390/ijerph20021285.

<https://pubmed.ncbi.nlm.nih.gov/36674041/>

Systemic and Airway Epigenetic Disruptions Are Associated with Health Status in COPD.

Hernandez Cordero AI, Li X, Yang CX, Yang J, Maclsaac JL, Dever K, Kobor MS, Milne S, van Eeden SF, Shaipanich T, Lam S, Leung JM, Sin DD.

Biomedicines. 2023 Jan 5;11(1):134. doi: 10.3390/biomedicines11010134.

<https://pubmed.ncbi.nlm.nih.gov/36672643/>

INTERSTITIAL LUNG DISEASE

Sex- And Race-Based Differences In The Treatment Of Interstitial Lung Diseases in North America And Australasia.

Assayag D, Adegunsoye A, Sheehy R, Morisset J, Khalil N, Johannson KA, Marcoux V, Kolb M, Fisher JH, Manganas H, Wrobel J, Wilsher M, De Boer S, Mackintosh J, Chambers DC, Glaspole I, Keir GJ, Lee CT, Jablonski R, Vij R, Strek ME, Corte TJ, Ryerson CJ.

Chest. 2023 Jan 5:S0012-3692(23)00018-1. doi: 10.1016/j.chest.2022.12.039. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36621759/>

Health-related quality of life in a multiracial Asian interstitial lung disease cohort.

Phua G, Tan GP, Phua HP, Lim WY, Neo HY, Chai GT.

J Thorac Dis. 2022 Dec;14(12):4713-4724. doi: 10.21037/jtd-22-906.

<https://pubmed.ncbi.nlm.nih.gov/36647495/>

Treatable traits in interstitial lung diseases: a call to action.

Amati F, Spagnolo P, Oldham JM, Ryerson CJ, Stainer A, Gramegna A, Mantero M, Lacedonia D, Sverzellati N, Richeldi L, Blasi F, Aliberti S.

Lancet Respir Med. 2023 Jan 13:S2213-2600(23)00002-4. doi: 10.1016/S2213-2600(23)00002-4. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36646100/>

Ethnographic survey of patients and caregiver's life journey in idiopathic pulmonary fibrosis.

Ahmed L, Bergot E, Prévot G, Cottin V.

Respir Med Res. 2022 Oct 1;83:100955. doi: 10.1016/j.resmer.2022.100955. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36634553/>

Current best clinical practices for monitoring of interstitial lung disease.

Bendstrup E, Kronborg-White S, Møller J, Prior TS.

Expert Rev Respir Med. 2022 Nov-Dec;16(11-12):1153-1166. doi: 10.1080/17476348.2022.2162504. Epub 2023 Jan 2.

<https://pubmed.ncbi.nlm.nih.gov/36572644/>

What Do We Need to Know About Rising Rates of Idiopathic Pulmonary Fibrosis? A Narrative Review and Update.

Pergolizzi JV Jr, LeQuang JA, Varrassi M, Breve F, Magnusson P, Varrassi G.

Adv Ther. 2023 Jan 24:1-13. doi: 10.1007/s12325-022-02395-9. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36692679/>

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ADVANCED DISEASE / END OF LIFE / PALLIATIVE CARE

Trends in appropriateness of end-of-life care in people with cancer, COPD or with dementia measured with population-level quality indicators.

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EXACERBATIONS / HOSPITALISATIONS / MORTALITY

Mortality of asthma, COPD, and asthma-COPD overlap during an 18-year follow up.

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Mortality and comorbidities in patients with bronchiectasis over a 3-year follow-up.

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All-cause admissions following a first ever exacerbation-related hospitalisation in COPD.

Waeijen-Smit K, Jacobsen PA, Houben-Wilke S, Simons SO, Franssen FME, Spruit MA, Pedersen CT, Kragholm KH, Weinreich UM.
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Comorbid Heart Disease in Patients with COPD is Associated with Increased Hospitalization and Mortality - A 15-Year Follow-Up.

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Frailty and Mortality Risk in COPD: A Cohort Study Comparing the Fried Frailty Phenotype and Short Physical Performance Battery.

Brighton LJ, Nolan CM, Barker RE, Patel S, Walsh JA, Polgar O, Kon SSC, Gao W, Evans CJ, Maddocks M, Man WDC.

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Trends in hospital admissions and prescribing due to chronic obstructive pulmonary disease and asthma in England and Wales between 1999 and 2020: an ecological study.

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Zhu D, Dai H, Zhu H, Fang Y, Zhou H, Yang Z, Chu S, Xi Q.

Respir Med. 2023 Feb 7:107150. doi: 10.1016/j.rmed.2023.107150. Online ahead of print.

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General practice management of COPD patients following acute exacerbations: a qualitative study.

Perera B, Barton C, Osadnik C.

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Are Predictors for Overall Mortality in COPD Patients Robust over Time?

Sievi NA, Sepin J, Roeder M, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, Clarenbach CF, Kohler M.

J Clin Med. 2023 Feb 16;12(4):1587. doi: 10.3390/jcm12041587.

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COVID-19

**Composed in collaboration with Dr. Vitalii Poberezhets (Chair of Group 01.04 - m-Health/e-health)*

Impact of Coronavirus Disease 2019 Related Infection Prevention and Control Measures on the Occurrence of COPD Exacerbations During Inpatient Pulmonary Rehabilitation.

Waeijen-Smit K, Wilke S, Posthuma R, de Jong F, Janssen DJA, van Loon NPH, Hajian B, Simons SO, Spruit MA, Franssen FME.

Chronic Obstr Pulm Dis. 2023 Jan 4. doi: 10.15326/jcopdf.2022.0345. Online ahead of print.
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A retrospective study regarding the influence of COVID-19 disease on asthma.

Muntean IA, Leru PM, Pinteia I, Bocsan IC, Dobrican CT, Deleanu D.

BMC Pulm Med. 2023 Jan 17;23(1):22. doi: 10.1186/s12890-023-02309-7.
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Cognitive impairments among patients in a long-COVID clinic: Prevalence, pattern and relation to illness severity, work function and quality of life.

Miskowiak KW, Pedersen JK, Gunnarsson DV, Roikjer TK, Podlekareva D, Hansen H, Dall CH, Johnsen S.

J Affect Disord. 2023 Mar 1;324:162-169. doi: 10.1016/j.jad.2022.12.122. Epub 2022 Dec 28.
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