



ERS literature update September-October 2022

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 ameliorates regional lung function in chronic obstructive pulmonary disease: a prospective single-arm clinical trial.

Ma H, Dai M, Wu S, Zhao Z, Zhang Y, Zhao F, Yang L, Ti X, Qu S.
Ann Transl Med. 2022 Aug;10(16):891. doi: 10.21037/atm-22-3597.
<https://pubmed.ncbi.nlm.nih.gov/36111029/>

Effectiveness of home-based pulmonary rehabilitation: systematic review and meta-analysis.

Uzzaman MN, Agarwal D, Chan SC, Patrick Engkasan J, Habib GMM, Hanafi NS, Jackson T, Jebaraj P, Khoo EM, Mirza FT, Pinnock H, Shunmugam RH, Rabinovich RA.
Eur Respir Rev. 2022 Sep 20;31(165):220076. doi: 10.1183/16000617.0076-2022. Print 2022 Sep 30.
<https://pubmed.ncbi.nlm.nih.gov/36130789/>

Strategies to Improve Enrollment and Participation in Pulmonary Rehabilitation Following a Hospitalization for COPD: RESULTS OF A NATIONAL SURVEY.

Kotejoshyer R, Eve J, Priya A, Mazor K, Spitzer KA, Pekow PS, Pack QR, Lindenauer PK.
J Cardiopulm Rehabil Prev. 2022 Sep 22. doi: 10.1097/HCR.0000000000000735. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36137210/>

Freedive Training Gives Additional Physiological Effect Compared to Pulmonary Rehabilitation in COPD.

Csizmadia Z, Ács P, Szóllósi GJ, Tóth B, Kerti M, Kovács A, Varga JT.
Int J Environ Res Public Health. 2022 Sep 14;19(18):11549. doi: 10.3390/ijerph191811549.
<https://pubmed.ncbi.nlm.nih.gov/36141823/>

A pragmatic randomised controlled trial of tailored pulmonary rehabilitation in participants with difficult-to-control asthma and elevated body mass index.

Ricketts HC, Sharma V, Steffensen F, Goodfellow A, Mackay E, MacDonald G, Buchan DS, Chaudhuri R, Cowan DC.
BMC Pulm Med. 2022 Sep 24;22(1):363. doi: 10.1186/s12890-022-02152-2.
<https://pubmed.ncbi.nlm.nih.gov/36153525/>

Feasibility of a pulmonary rehabilitation programme for patients with symptomatic chronic obstructive pulmonary disease in Georgia: a single-site, randomised controlled trial from the Breathe Well Group.

Maglakelidze M, Kurua I, Maglakelidze N, Maglakelidze T, Chkhaidze I, Gogvadze K, Chkhaidze N, Beadle H, Redden-Rowley K, Adab P, Adams R, Chi C, Cheng KK, Cooper B, Correia-de-Sousa J, Dickens AP, Enocson A, Farley A, Gale NK, Jowett S, Martins S, Rai K, Sitch AJ, Stavrikj K, Stelmach R, Turner AM, Williams S, Jordan RE, Jolly K.

BMJ Open. 2022 Sep 23;12(9):e056902. doi: 10.1136/bmjopen-2021-056902.

<https://pubmed.ncbi.nlm.nih.gov/36153030/>

A meta-analysis on the structure of pulmonary rehabilitation maintenance programmes on COPD patients' functional capacity.

Silva L, Maricoto T, Costa P, Berger-Estilita J, Padilha JM.

NPJ Prim Care Respir Med. 2022 Oct 3;32(1):38. doi: 10.1038/s41533-022-00302-x.

<https://pubmed.ncbi.nlm.nih.gov/36192398/>

Gender and Age as Determinants of Success of Pulmonary Rehabilitation in Individuals With Chronic Obstructive Pulmonary Disease.

Maestri R, Vitacca M, Paneroni M, Zampogna E, Ambrosino N.

Arch Bronconeumol. 2022 Sep 22:S0300-2896(22)00568-3. doi:

10.1016/j.arbres.2022.09.008. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36192251/>

Effect of pulmonary rehabilitation on heart rate recovery in adult individuals with asthma or chronic obstructive pulmonary disease.

Zampogna E, Ambrosino N, Oliva FM, Rudi M, Sotgiu G, Sadari L, Spanevello A, Visca D.

Front Pharmacol. 2022 Sep 27;13:956549. doi: 10.3389/fphar.2022.956549. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36238578/>

Hochuekkito Combined with Pulmonary Rehabilitation in Apathetic Patients with Chronic Obstructive Pulmonary Disease: A Randomized Controlled Pilot Trial.

Hamada H, Sekikawa K, Okusaki K, Dodo T, Kagawa K, Sumigawa T, Awaya Y, Sakimoto N, Shioya S, Hakozaiki K, Kadowaki T, Kakimoto M, Ito R, Kawamichi K, Kondo K, Namba H, Iwamoto H, Hattori N.

J Clin Med. 2022 Sep 26;11(19):5673. doi: 10.3390/jcm11195673.

<https://pubmed.ncbi.nlm.nih.gov/36233538/>

Challenges in pulmonary rehabilitation: COVID-19 and beyond.

Incorvaia C, Longo L, Makri E, Ridolo E.

Pol Arch Intern Med. 2022 Oct 14:16357. doi: 10.20452/pamw.16357. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36239638/>

A Novel Concentrated, Interdisciplinary Group Rehabilitation Program for Patients With Chronic Obstructive Pulmonary Disease: Protocol for a Nonrandomized Clinical Intervention Study.

Frisk B, Njøten KL, Aarli B, Hystad SW, Rykken S, Kjosås A, Sjøfteland E, Kvale G.

JMIR Res Protoc. 2022 Oct 26;11(10):e40700. doi: 10.2196/40700.

<https://pubmed.ncbi.nlm.nih.gov/36287602/>

Healthcare providers' attitudes, beliefs and barriers to pulmonary rehabilitation for patients with chronic obstructive pulmonary disease in Saudi Arabia: a cross-sectional study.

Aldhahir AM, Alqahtani JS, Aldraiwiesh IA, Alghamdi SM, Alsulayyim AS, Alqarni AA, Alhotye M, Alwafi H, Siraj R, Alrajeh A, Aldabayan YS, Alzahrani EM, Hakamy A.

BMJ Open. 2022 Oct 27;12(10):e063900. doi: 10.1136/bmjopen-2022-063900.

<https://pubmed.ncbi.nlm.nih.gov/36302583/>

EXERCISE TESTING AND TRAINING

Effectiveness of pulmonary rehabilitation in individuals with Chronic Obstructive Pulmonary Disease according to inhaled therapy: The Maugeri study.

Vitacca M, Paneroni M, Spanevello A, Ceriana P, Balbi B, Salvi B, Ambrosino N.

Respir Med. 2022 Aug 27;202:106967. doi: 10.1016/j.rmed.2022.106967. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36115316/>

Endurance Time During Constant Work Rate Cycle Ergometry in COPD: Development of an Integrated Database From Interventional Studies.

Casaburi R, Merrill D, Dolmage T, Garcia-Aymerich J, Fageras M, Goldstein R, Harding G, Kline Leidy N, Maltais F, O'Donnell D, Porszasz J, Puente-Maestu L, Rennard S, Sciruba F, Spruit MA, Tal-Singer R, Tetzlaff K, Van't Hul A, Yu R, Hamilton A.

Chronic Obstr Pulm Dis. 2022 Aug 31. doi: 10.15326/jcopdf.2022.0331. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36066494/>

SWE_{mean} of Quadriceps, a Potential Index of Complication Evaluation to Patients with Chronic Obstructive Pulmonary Disease.

Niu Y, Yue Y, Zheng Y, Long C, Li Q, Chen Y, Chen Z, Ma X.

Int J Chron Obstruct Pulmon Dis. 2022 Aug 23;17:1921-1928. doi: 10.2147/COPD.S374945. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36039167/>

Interstitial lung diseases.

Wijsenbeek M, Suzuki A, Maher TM.

Lancet. 2022 Sep 3;400(10354):769-786. doi: 10.1016/S0140-6736(22)01052-2. Epub 2022 Aug 11.

<https://pubmed.ncbi.nlm.nih.gov/35964592/>

The Impact of Dance Interventions on Patients with Noninfectious Pulmonary Diseases: A Systematic Review.

Niranjan V, Tarantino G, Kumar J, Stokes D, O'Connor R, O'Regan A.

Int J Environ Res Public Health. 2022 Sep 5;19(17):11115. doi: 10.3390/ijerph191711115.

<https://pubmed.ncbi.nlm.nih.gov/36078841/>

Role of progression of training volume on intramuscular adaptations in patients with chronic obstructive pulmonary disease.

Nyberg A, Milad N, Martin M, Patoine D, Morissette MC, Saey D, Maltais F.
Front Physiol. 2022 Aug 23;13:873465. doi: 10.3389/fphys.2022.873465. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36082219/>

Ventilatory variability during cardiopulmonary exercise test is higher in heart failure and chronic obstructive pulmonary disease plus heart failure than in chronic obstructive pulmonary disease patients.

Fernandes MVS, Müller PT, Santos MCD, da Silva WA, Güntzel Chiappa AM, Chiappa GR.
J Cardiovasc Med (Hagerstown). 2022 Oct 1;23(10):694-696. doi:
10.2459/JCM.0000000000001327.
<https://pubmed.ncbi.nlm.nih.gov/36099077/>

Glittre endurance test: A new test to assess the functional capacity of individuals with chronic obstructive pulmonary disease.

Patrícia de Souza Mendes L, Parreira VF, Spencer LM, Zafiroopoulos B, Rocha BC, McKeough ZJ, Velloso M, Alison JA.
Respir Med. 2022 Sep 7;202:106983. doi: 10.1016/j.rmed.2022.106983. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36115318/>

Physiological responses and adaptations to exercise training in people with or without chronic obstructive pulmonary disease: protocol for a systematic review and meta-analysis.

Jakobsson J, De Brandt J, Nyberg A.
BMJ Open. 2022 Sep 19;12(9):e065832. doi: 10.1136/bmjopen-2022-065832.
<https://pubmed.ncbi.nlm.nih.gov/36123050/>

Continuous Monitoring of Pulse Oximetry During the 6-Minute Walk Test Improves Clinical Outcomes Prediction in COPD.

Batista KS, César ID, Benedetto IG, da Silva RMC, Wagner LE, Pereira da Silva D, Sanches PR, Gazzana MB, Knorst MM, de Torres JP, Neder JA, Berton DC.
Respir Care. 2022 Sep 27;respcare.10091. doi: 10.4187/respcare.10091. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36167849/>

Effectiveness of neuromuscular electrostimulation in COPD subjects on mechanical ventilation. A systematic review and meta-analysis.

Gutiérrez-Arias R, Jalil Y, Fuentes-Aspe R, Seron P.
Clinics (Sao Paulo). 2022 Sep 24;77:100108. doi: 10.1016/j.clinsp.2022.100108. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36166993/>

The impact of seat height on 1-min sit-to-stand test performance in COPD: a randomised crossover trial.

Zumbrunnen V, Riegler TF, Haile SR, Radtke T.

ERJ Open Res. 2022 Sep 26;8(3):00033-2022. doi: 10.1183/23120541.00033-2022.

eCollection 2022 Jul.

<https://pubmed.ncbi.nlm.nih.gov/36171989/>

Intravenous Iron Replacement Improves Exercise Tolerance in COPD: A Single-Blind Randomized Trial.

Martín-Ontiyuelo C, Rodó-Pin A, Echeverría-Esnal D, Admetlló M, Duran-Jordà X, Alvarado M, Gea J, Barreiro E, Rodríguez-Chiaradía DA.

Arch Bronconeumol. 2022 Oct;58(10):689-698. doi: 10.1016/j.arbres.2021.08.011.

<https://pubmed.ncbi.nlm.nih.gov/35312562/>

Chronic Obstructive Pulmonary Disease Patients With High Peripheral Blood Eosinophil Counts Have Better Predicted Improvement in 6MWD After Rehabilitation: A PRELIMINARY STUDY.

Shui LL, Cai JJ, Zhong XQ, Li YL, He MR, Chen YJ.

J Cardiopulm Rehabil Prev. 2022 Oct 10. doi: 10.1097/HCR.0000000000000726. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36223406/>

Effects of combining acupuncture with exercise training on relieving dyspnea and improving exercise tolerance in chronic obstructive pulmonary disease patients: a protocol for a single-blind, randomized, sham-controlled trial.

He Y, Li G, Xiong G, Tang C, Gao Y, Tong J, Zhong G.

Ann Palliat Med. 2022 Sep;11(9):2968-2979. doi: 10.21037/apm-22-949.

<https://pubmed.ncbi.nlm.nih.gov/36217626/>

Six-Minute Walking Test and 30 Seconds Chair-Stand-Test as Predictors of Mortality in COPD - A Cohort Study.

Höglund J, Boström C, Sundh J.

Int J Chron Obstruct Pulmon Dis. 2022 Oct 4;17:2461-2469. doi: 10.2147/COPD.S373272.

eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36217331/>

The Six-Minute Step Test as an Exercise Outcome in COPD.

Patel S, Jones SE, Walsh JA, Barker RE, Polgar O, Maddocks M, Hopkinson NS, Nolan CM, Man WD.

Ann Am Thorac Soc. 2022 Oct 14. doi: 10.1513/AnnalsATS.202206-516RL. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36240127/>

The effect of unsupported arm elevations on regional chest wall volumes and thoracoabdominal asynchrony in patients with chronic obstructive pulmonary disease.

Kruapanich C, Tantisuwat A, Thaveeratitham P, Lertmaharit S, Ubolnuar N, Chimpalee J, Mathiyakom W.

Physiother Theory Pract. 2022 Nov;38(11):1602-1614. doi: 10.1080/09593985.2021.1882018. Epub 2021 Feb 8.
<https://pubmed.ncbi.nlm.nih.gov/33555228/>

Prescribing and adjusting exercise training in chronic respiratory diseases - Expert-based practical recommendations.

Gloeckl R, Zwick RH, Furlinger U, Jarosch I, Schneeberger T, Leitl D, Koczulla AR, Vonbank K, Alexiou C, Vogiatzis I, Spruit MA.
Pulmonology. 2022 Oct 20:S2531-0437(22)00215-X. doi: 10.1016/j.pulmoe.2022.09.004.
Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36272962/>

Efficacy of Nasal High-Flow Oxygen Therapy in Chronic Obstructive Pulmonary Disease Patients in Long-Term Oxygen and Nocturnal Non-Invasive Ventilation during Exercise Training.

Volpi V, Volpato E, Compalati E, Le Bret M, Russo G, Sciurello S, Pappacoda G, Nicolini A, Banfi P.
Healthcare (Basel). 2022 Oct 11;10(10):2001. doi: 10.3390/healthcare10102001.
<https://pubmed.ncbi.nlm.nih.gov/36292448/>

Performance Score (T2D)-A New Perspective in the Assessment of Six-Minute Walking Tests in Pulmonary Rehabilitation.

Wagner B, Zdravkovic A, Pirchl M, Puhán MA, Zwick RH, Grote V, Crevenna R, Fischer MJ.
Diagnostics (Basel). 2022 Oct 3;12(10):2402. doi: 10.3390/diagnostics12102402.
<https://pubmed.ncbi.nlm.nih.gov/36292092/>

Isokinetic testing of quadriceps function in COPD: feasibility, responsiveness, and minimal important differences in patients undergoing pulmonary rehabilitation.

Stoffels AAF, Meys R, van Hees HWH, Franssen FME, van den Borst B, van 't Hul AJ, Klijn PH, Vaes AW, De Brandt J, Burtin C, Spruit MA; BASES-consortium.
Braz J Phys Ther. 2022 Oct 17;26(5):100451. doi: 10.1016/j.bjpt.2022.100451. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36288671/>

Peak oxygen uptake and respiratory muscle performance in patients with chronic obstructive pulmonary disease: Clinical findings and implications.

Choi HE, Min EH, Kim HK, Kim HJ, Jang HJ.
Medicine (Baltimore). 2022 Oct 21;101(42):e31244. doi: 10.1097/MD.00000000000031244.
<https://pubmed.ncbi.nlm.nih.gov/36281098/>

PHYSICAL ACTIVITY

Increased physical activity reduces sleep disturbances in asthma: A randomized controlled trial.

Passos NF, Freitas PD, Carvalho-Pinto RM, Cukier A, Carvalho CRF.
Respirology. 2022 Sep 6. doi: 10.1111/resp.14359. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36068181/>

Impact of non-exercise activity thermogenesis on physical activity in patients with COPD.

Shirahata T, Nishida Y, Sato H, Yogi S, Akagami T, Nagata M, Tanaka S, Nakamura H, Katsukawa F.

Sci Prog. 2022 Jul-Sep;105(3):368504221117064. doi: 10.1177/00368504221117064.

<https://pubmed.ncbi.nlm.nih.gov/36082951/>

Predictors and changes of physical activity in idiopathic pulmonary fibrosis.

Badenes-Bonet D, Rodó-Pin A, Castillo-Villegas D, Vicens-Zygmunt V, Bermudo G, Hernández-González F, Portillo K, Martínez-Llorens J, Chalela R, Caguana O, Sellarés J, Molina-Molina M, Duran X, Gea J, Rodríguez-Chiaradia DA, Balcells E.

BMC Pulm Med. 2022 Sep 9;22(1):340. doi: 10.1186/s12890-022-02134-4.

<https://pubmed.ncbi.nlm.nih.gov/36085057/>

Increasing Daily Physical Activity and Its Effects on QTc Time in Severe to Very Severe COPD: A Secondary Analysis of a Randomised Controlled Trial.

Kuhn M, Kohlbrenner D, Sievi NA, Clarenbach CF.

COPD. 2022 Jul 14;19(1):339-344. doi: 10.1080/15412555.2022.2101992.

<https://pubmed.ncbi.nlm.nih.gov/36166273/>

Validation of Simple Prediction Equations for Step Count in Japanese Patients with Chronic Obstructive Pulmonary Disease.

Azuma Y, Minakata Y, Kato M, Tanaka M, Murakami Y, Sasaki S, Kawabe K, Ono H.

J Clin Med. 2022 Sep 21;11(19):5535. doi: 10.3390/jcm11195535.

<https://pubmed.ncbi.nlm.nih.gov/36233400/>

A More Intense Examination of the Intensity of Physical Activity in People Living with Chronic Obstructive Pulmonary Disease: Insights from Threshold-Free Markers of Activity Intensity.

Kingsnorth AP, Rowlands AV, Maylor BD, Sherar LB, Steiner MC, Morgan MD, Singh SJ, Esliger DW, Orme MW.

Int J Environ Res Public Health. 2022 Sep 28;19(19):12355. doi: 10.3390/ijerph191912355.

<https://pubmed.ncbi.nlm.nih.gov/36231652/>

Promotion of physical activity after hospitalization for COPD exacerbation: A randomized control trial.

Valeiro B, Rodríguez E, Pérez P, Gómez A, Mayer AI, Pasarín A, Ibañez J, Ferrer J, Ramon MA. Respirology. 2022 Oct 21. doi: 10.1111/resp.14394. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36270673/>

Daily Physical Activity in Asthma and the Effect of Mepolizumab Therapy.

Panagiotou M, Koulouris N, Koutsoukou A, Rovina N.

J Pers Med. 2022 Oct 11;12(10):1692. doi: 10.3390/jpm12101692.

<https://pubmed.ncbi.nlm.nih.gov/36294831/>

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

Effect of telemonitoring and telerehabilitation on physical activity, exercise capacity, health-related quality of life and healthcare use in patients with chronic lung diseases or COVID-19: A scoping review.

Sanchez-Ramirez DC, Pol M, Loewen H, Choukou MA.

J Telemed Telecare. 2022 Aug 31;1357633X221122124. doi: 10.1177/1357633X221122124.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36045633/>

Shaping Better Rehabilitation to Chronic Obstructive Pulmonary Disease Patients: Experiences of Nurses and Colleagues With an Interdisciplinary Telerehabilitation Intervention.

Simonj C, Neerup Andersen M, Hansen RG, Schrøder L, Jensen TG, Bodtger U, Birkelund R, Beck M.

Glob Qual Nurs Res. 2022 Aug 26;9:23333936221109890. doi:

10.1177/23333936221109890. eCollection 2022 Jan-Dec.

<https://pubmed.ncbi.nlm.nih.gov/36046468/>

Telerehabilitation as a Form of Pulmonary Rehabilitation in Chronic Lung Disease: A Systematic Review.

Reychler G, Piraux E, Beaumont M, Caty G, Liistro G.

Healthcare (Basel). 2022 Sep 17;10(9):1795. doi: 10.3390/healthcare10091795.

<https://pubmed.ncbi.nlm.nih.gov/36141407/>

Predicting asthma attacks using connected mobile devices and machine learning: the AAMOS-00 observational study protocol.

Tsang KCH, Pinnock H, Wilson AM, Salvi D, Shah SA.

BMJ Open. 2022 Oct 3;12(10):e064166. doi: 10.1136/bmjopen-2022-064166.

<https://pubmed.ncbi.nlm.nih.gov/36192103/>

The Influence of Sex, Gender, or Age on Outcomes of Digital Technologies for Treatment and Monitoring of Chronic Obstructive Pulmonary Disease: Protocol for an Overview of Systematic Reviews.

Matthias K, Honekamp I, De Santis KK.

JMIR Res Protoc. 2022 Oct 12;11(10):e40538. doi: 10.2196/40538.

<https://pubmed.ncbi.nlm.nih.gov/36222803/>

Listen to Me! - A Mixed-Methods Study of Thoughts and Attitudes Towards Participation in Pulmonary Telerehabilitation Among People with Severe and Very Severe COPD Who Declined Participation in Pulmonary Rehabilitation.

Skibdal KM, Emme C, Hansen H.

Patient Prefer Adherence. 2022 Oct 18;16:2781-2798. doi: 10.2147/PPA.S380832.

eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36281352/>

Efficacy of self-management mobile applications for patients with breathlessness: Systematic review and quality assessment of publicly available applications.

Sunjaya AP, Sengupta A, Martin A, Di Tanna GL, Jenkins C.

Respir Med. 2022 Aug 5;201:106947. doi: 10.1016/j.rmed.2022.106947. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36037561/>

Applicability of the MASK-Air® App to Severe Asthma Treated with Biologic Molecules: A Pilot Study.

Benfante A, Sousa-Pinto B, Pillitteri G, Battaglia S, Fonseca J, Bousquet J, Scichilone N.

Int J Mol Sci. 2022 Sep 29;23(19):11470. doi: 10.3390/ijms231911470. PMID: 36232771; PMCID: PMC9569460.

<https://pubmed.ncbi.nlm.nih.gov/36232771/>

Current expert opinion and attitudes to optimize telemedicine and achieve control in patients with asthma in post-pandemic era: The COMETA consensus.

Molina Paris J, Almonacid Sánchez C, Blanco-Aparicio M, Domínguez-Ortega J, Giner Donaire J, Sánchez Marcos N, Plaza V.

Aten Primaria. 2022 Oct 19;54(12):102492. doi: 10.1016/j.aprim.2022.102492. Epub ahead of print. PMID: 36272223; PMCID: PMC9589141.

<https://pubmed.ncbi.nlm.nih.gov/36272223/>

Digital Health Interventions for Depression and Anxiety Among People With Chronic Conditions: Scoping Review.

Shah A, Hussain-Shamsy N, Strudwick G, Sockalingam S, Nolan RP, Seto E.

J Med Internet Res. 2022 Sep 26;24(9):e38030. doi: 10.2196/38030. PMID: 36155409; PMCID: PMC9555324.

<https://pubmed.ncbi.nlm.nih.gov/36155409/>

Smart dry powder inhalers and intelligent adherence management.

Häußermann S, Arendsen LJ, Pritchard JN.

Adv Drug Deliv Rev. 2022 Oct 20;191:114580. doi: 10.1016/j.addr.2022.114580. Epub ahead of print. PMID: 36273513.

<https://pubmed.ncbi.nlm.nih.gov/36273513/>

Effectiveness of a Digital Inhaler System for Patients With Asthma: A 12-Week, Open-Label, Randomized Study (CONNECT1).

Hoyte FCL, Mosnaim GS, Rogers L, Safioti G, Brown R, Li T, DePietro M, Reich M, Hill TD, Wechsler ME.

J Allergy Clin Immunol Pract. 2022 Oct;10(10):2579-2587. doi: 10.1016/j.jaip.2022.08.023. Epub 2022 Aug 28. PMID: 36038131.

<https://pubmed.ncbi.nlm.nih.gov/36038131/>

What Do Physicians Think About the Use of Telemedicine to Recruit and Assess Participants in mHealth-Related Clinical Studies as a Consequence of the COVID-19 Pandemic?

Pereira AM, Almeida R, Amaral R, Alves-Correia M, Mendes S, Fonseca JA, Jácome C. *Telemed J E Health*. 2022 Sep;28(9):1386-1392. doi: 10.1089/tmj.2021.0462. Epub 2022 Jan 6. PMID: 34990295.

<https://pubmed.ncbi.nlm.nih.gov/34990295/>

Implementation of E-Mental Health Interventions for Informal Caregivers of Adults with Chronic Diseases: A Mixed-Methods Systematic Review with Qualitative Comparative Analysis and Thematic Synthesis.

Coumoundouros C, Mårtensson E, Ferraris G, Zuidberg JM, von Essen L, Sanderman R, Woodford J.

JMIR Ment Health. 2022 Oct 25. doi: 10.2196/41891. Epub ahead of print. PMID: 36314782.

<https://pubmed.ncbi.nlm.nih.gov/36314782/>

Clinical outcomes of digital health in adults with cystic fibrosis.

Carnovale V, Iacotucci P, Qiao D, Ferrillo L, Somma J, Buonauro S, Marcella d'Ippolito, Celardo A, Savi D.

Respir Med. 2022 Oct;202:106970. doi: 10.1016/j.rmed.2022.106970. Epub 2022 Aug 28.

PMID: 36058164.

<https://pubmed.ncbi.nlm.nih.gov/36058164/>

PATIENT REPORTED OUTCOME MEASURES

The efficacy of mass screening for chronic obstructive pulmonary disease using screening questionnaires in a medical health check-up population.

Hanibuchi M, Saijo A, Mitsuhashi A, Kajimoto T, Kitagawa T, Nishioka Y.

Respir Investig. 2022 Aug 31:S2212-5345(22)00113-7. doi: 10.1016/j.resinv.2022.07.005.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36057534/>

Psychometric Properties of the Hospital Anxiety and Depression Scale in Individuals With Chronic Obstructive Pulmonary Disease: Protocol for a Systematic Review.

Nikolovski A, Gamgoum L, Deol A, Quilichini S, Kazemir E, Rhodenizer J, Oliveira A, Brooks D, Alsubheen S.

JMIR Res Protoc. 2022 Sep 22;11(9):e37854. doi: 10.2196/37854.

<https://pubmed.ncbi.nlm.nih.gov/36136379/>

Measuring individual true change with PROMIS using IRT-based plausible values.

Ho EH, Verkuilen J, Fischer F.

Qual Life Res. 2022 Oct 25. doi: 10.1007/s11136-022-03264-2. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36282446/>

INTERSTITIAL LUNG DISEASE

Sarcopenia in idiopathic pulmonary fibrosis: a prospective study exploring prevalence, associated factors and diagnostic approach.

Faverio P, Fumagalli A, Conti S, Madotto F, Bini F, Harari S, Mondoni M, Oggioni T, Barisione E, Ceruti P, Papetti MC, Bodini BD, Caminati A, Valentino A, Centanni S, Lanzi P, Della Zoppa M, Crotti S, Grosso M, Sukkar SG, Modena D, Andreoli M, Nicali R, Suigo G, Busnelli S, Paciocco G, Lettieri S, Mantovani LG, Cesana G, Pesci A, Luppi F.
Respir Res. 2022 Sep 3;23(1):228. doi: 10.1186/s12931-022-02159-7.
<https://pubmed.ncbi.nlm.nih.gov/36057620/>

Dyspnea and outcome expectations are associated with physical activity in persons with pneumoconiosis: a cross-sectional study.

Kawaji T, Hasegawa T, Uchiyama Y.
BMC Pulm Med. 2022 Sep 2;22(1):335. doi: 10.1186/s12890-022-02128-2.
<https://pubmed.ncbi.nlm.nih.gov/36056341/>

Trajectories and prognostic significance of 6-minute walk test parameters in fibrotic interstitial lung disease: A multi-center study.

Khor YH, Farooqi M, Hambly N, Johannson KA, Marcoux V, Fisher JH, Assayag D, Manganas H, Khalil N, Kolb M, Ryerson CJ; Austin ILD Registry and CARE-PF Investigators, Cox G, Fell CD, Gershon AS, Goh N, Halayko AJ, Lok S, Morisset J, Sadatsafavi M, Shapera S, To T, Wilcox PG, Wong AW.
Chest. 2022 Sep 8:S0012-3692(22)03709-6. doi: 10.1016/j.chest.2022.08.2233. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36089070/>

The Association between Idiopathic Pulmonary Fibrosis and Obstructive Sleep Apnea: A Systematic Review and Meta-Analysis.

Karuga FF, Kaczmarek P, Szmyd B, Białasiewicz P, Sochal M, Gabryelska A.
J Clin Med. 2022 Aug 26;11(17):5008. doi: 10.3390/jcm11175008.
<https://pubmed.ncbi.nlm.nih.gov/36078938/>

Clinical management and acute exacerbations in patients with idiopathic pulmonary fibrosis in Spain: results from the OASIS study.

Cano-Jiménez E, Romero Ortiz AD, Villar A, Rodríguez-Nieto MJ, Ramon A, Armengol S.
Respir Res. 2022 Sep 7;23(1):235. doi: 10.1186/s12931-022-02154-y.
<https://pubmed.ncbi.nlm.nih.gov/36071483/>

Differences in Patient Outcomes Across the Pulmonary Fibrosis Foundation Care Center Network.

Boente RD, White EN, Baxter CM, Shore JE, Collard HR, Lee JS; PFF Best Practices Committee.
Am J Respir Crit Care Med. 2022 Sep 15. doi: 10.1164/rccm.202206-1173LE. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36107160/>

Benefits of Pulmonary Rehabilitation in Patients with Idiopathic Pulmonary Fibrosis Receiving Antifibrotic Drug Treatment.

Iwanami Y, Ebihara K, Nakao K, Sato N, Miyagi M, Nakamura Y, Sakamoto S, Kishi K, Homma S, Ebihara S.
J Clin Med. 2022 Sep 11;11(18):5336. doi: 10.3390/jcm11185336.

<https://pubmed.ncbi.nlm.nih.gov/36142983/>

Home monitoring in interstitial lung diseases.

Wijsenbeek MS, Moor CC, Johansson KA, Jackson PD, Khor YH, Kondoh Y, Rajan SK, Tabaj GC, Varela BE, van der Wal P, van Zyl-Smit RN, Kreuter M, Maher TM.

Lancet Respir Med. 2022 Oct 4:S2213-2600(22)00228-4. doi: 10.1016/S2213-2600(22)00228-4. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36206780/>

Physical activity, exercise capacity and mortality risk in people with interstitial lung disease: A systematic review and meta-analysis.

Rocha V, Paixão C, Marques A.

J Sci Med Sport. 2022 Oct 6:S1440-2440(22)00436-4. doi: 10.1016/j.jsams.2022.10.002.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36270901/>

Functional clinical impairments and frailty in interstitial lung disease patients.

Tremblay Labrecque PF, Dion G, Saey D.

ERJ Open Res. 2022 Oct 17;8(4):00144-2022. doi: 10.1183/23120541.00144-2022.

eCollection 2022 Oct.

<https://pubmed.ncbi.nlm.nih.gov/36267896/>

Determinants of Six-Minute Walk Distance in Idiopathic Pulmonary Fibrosis and Idiopathic Pleuroparenchymal Fibroelastosis.

Sato N, Iwanami Y, Ebihara K, Nakao K, Miyagi M, Nakamura Y, Kishi K, Homma S, Ebihara S.

Biomedicines. 2022 Oct 13;10(10):2556. doi: 10.3390/biomedicines10102556.

<https://pubmed.ncbi.nlm.nih.gov/36289817/>

ASTHMA

Validity and reliability of the Glittre-ADL test in adults with asthma.

Cavalheiro Puzzi V, Mara Oliveira J, Bessa Alves T, Priscila da Conceição Silva J, Pitta F, Couto Furlanetto K.

Physiother Theory Pract. 2022 Aug 27:1-9. doi: 10.1080/09593985.2022.2114301. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36036382/>

Dietary Factors Associated with Asthma Development: A Narrative Review and Summary of Current Guidelines and Recommendations.

Takkinsatian P, Mairiang D, Sangkanjanavanich S, Chiewchalerm Sri C, Tripipitsiriwat A, Sompornrattanaphan M.

J Asthma Allergy. 2022 Aug 24;15:1125-1141. doi: 10.2147/JAA.S364964. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36046721/>

Increased physical activity reduces sleep disturbances in asthma: A randomized controlled trial.

Passos NF, Freitas PD, Carvalho-Pinto RM, Cukier A, Carvalho CRF.
Respirology. 2022 Sep 6. doi: 10.1111/resp.14359. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36068181/>

Physical activity, physical capacity and sedentary behavior among asthma patients.

Hansen NB, Henriksen M, Dall CH, Vest S, Larsen L, Suppli Ulrik C, Backer V.
Eur Clin Respir J. 2022 Sep 8;9(1):2101599. doi: 10.1080/20018525.2022.2101599.
eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36105719/>

An Assessment of Quality of Life in Patients With Asthma Through Physical, Emotional, Social, and Occupational Aspects. A Cross-Sectional Study.

Kharaba Z, Feghali E, El Hussein F, Sacre H, Abou Selwan C, Saadeh S, Hallit S, Jirjees F, ALObaidi H, Salameh P, Malaeb D.
Front Public Health. 2022 Sep 1;10:883784. doi: 10.3389/fpubh.2022.883784. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36117601/>

Multimorbidity in Difficult Asthma: The Need for Personalised and Non-Pharmacological Approaches to Address a Difficult Breathing Syndrome.

Varkonyi-Sepp J, Freeman A, Ainsworth B, Kadalayil LP, Haitchi HM, Kurukulaaratchy RJ.
J Pers Med. 2022 Aug 31;12(9):1435. doi: 10.3390/jpm12091435.
<https://pubmed.ncbi.nlm.nih.gov/36143220/>

Clinically relevant effects of Mindfulness-Based Stress Reduction in individuals with asthma.

Higgins ET, Davidson RJ, Busse WW, Klaus DR, Bednarek GT, Goldman RI, Sachs J, Rosenkranz MA.
Brain Behav Immun Health. 2022 Sep 14;25:100509. doi: 10.1016/j.bbih.2022.100509.
eCollection 2022 Nov.
<https://pubmed.ncbi.nlm.nih.gov/36177306/>

Skeletal Muscle Adiposity and Lung Function Trajectory in the Severe Asthma Research Program (SARP).

Tattersall MC, Lee KE, Tsuchiya N, Osman F, Korcarz CE, Hansen KM, Peters MC, Fahy JV, Longhurst CA, Dunican E, Wentzel SE, Leader JK, Israel E, Levy BD, Castro M, Erzurum SC, Lempel J, Moore W, Bleecker E, Phillips BR, Mauger DT, Hoffman EA, Fain SB, Reeder SB, Sorkness RL, Jarjour NN, Denlinger LC, Schiebler ML.
Am J Respir Crit Care Med. 2022 Oct 4. doi: 10.1164/rccm.202203-0597OC. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36194556/>

The influence of BMI in asthma. Which traits are due to obesity and which to asthma and obesity phenotype?

Esteban-Gorgojo I, Gorgojo MP, Sastre J, García-Río F, Quirce S.
J Investig Allergol Clin Immunol. 2022 Oct 6:0. doi: 10.18176/jiaci.0865. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36200980/>

A Renewed Charter: Key Principles to Improve Patient Care in Severe Asthma.

Menzies-Gow A, Jackson DJ, Al-Ahmad M, Bleecker ER, Cosio Piqueras FBG, Brunton S, Canonica GW, Chan CKN, Haughney J, Holmes S, Kocks J, Winders T.

Adv Ther. 2022 Oct 17;1-20. doi: 10.1007/s12325-022-02340-w. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36251167/>

Determinants of Severe Asthma - A Long-Term Cohort Study in Northern Sweden.

Backman H, Stridsman C, Hedman L, Rönnebjerg L, Nwaru BI, Sandström T, Kankaanranta H, Lindberg A, Rönmark E.

J Asthma Allergy. 2022 Oct 10;15:1429-1439. doi: 10.2147/JAA.S376806. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36248343/>

Effects of high intensity interval training and sprint interval training in patients with asthma: a systematic review.

Ertürk G, Günday Ç, Evrendilek H, Sağır K, Aslan GK.

J Asthma. 2022 Nov;59(11):2292-2304. doi: 10.1080/02770903.2021.1999470. Epub 2021 Nov 9.

<https://pubmed.ncbi.nlm.nih.gov/34706200/>

Factors associated with uncontrolled asthma among adult asthmatic patients in eastern Ethiopia: A multicenter study.

Heluf H, Assefa N, Dessie Y, Goshu AT, Fekadu G, Abdisa L, Tamiru D.

SAGE Open Med. 2022 Oct 18;10:20503121221132165. doi: 10.1177/20503121221132165. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36277438/>

Obesity and asthma: A focused review.

Tooba R, Wu TD.

Respir Med. 2022 Oct 15;204:107012. doi: 10.1016/j.rmed.2022.107012. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36279813/>

NUTRITION AND NUTRITIONAL STATUS

Effects of Carbohydrate and Protein Administration by Food Items on Strength Response after Training in Stable COPD.

Huhn A, Flenker U, Diel P.

Nutrients. 2022 Aug 30;14(17):3565. doi: 10.3390/nu14173565.

<https://pubmed.ncbi.nlm.nih.gov/36079823/>

Efficacy of Vitamin C Supplementation on Chronic Obstructive Pulmonary Disease (COPD): A Systematic Review and Meta-Analysis.

Lei T, Lu T, Yu H, Su X, Zhang C, Zhu L, Yang K, Liu J.

Int J Chron Obstruct Pulmon Dis. 2022 Sep 10;17:2201-2216. doi: 10.2147/COPD.S368645. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36118282/>

The relationship between vitamin D deficiency and mortality in older adults before and during COVID-19 pandemic.

Durmuş ME, Kara Ö, Kara M, Kaya TC, Şener FE, Durmuş M, Sertçelik A, Çakır B, Özçakar L. Heart Lung. 2022 Sep 19;57:117-123. doi: 10.1016/j.hrtlng.2022.09.007. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36182862/>

Predictors of undernutrition in COPD patients.

Lattanzi G, Finamore P, Pedone C, Alma A, Scarlata S, Fontana DO, Khazrai YM, Antonelli Incalzi R.

Clin Nutr ESPEN. 2022 Oct;51:486-489. doi: 10.1016/j.clnesp.2022.06.109. Epub 2022 Jul 14.

<https://pubmed.ncbi.nlm.nih.gov/36184247/>

Effect of Enteral and Parenteral Nutrition Support on Pulmonary Function in Elderly Patients with Chronic Obstructive Pulmonary Disease Complicated by Respiratory Failure.

Wang L, Rui W, Chen S, Li Y, Ren M.

Comput Math Methods Med. 2022 Oct 5;2022:4743070. doi: 10.1155/2022/4743070. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36245845/>

The Nutritional Status of Chronic Obstructive Pulmonary Disease Exacerbators.

Rôlo Silvestre C, Dias Domingues T, Mateus L, Cavaco M, Nunes A, Cordeiro R, Silva Santos T, Falcão T, Domingos A.

Can Respir J. 2022 Oct 13;2022:3101486. doi: 10.1155/2022/3101486. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36276928/>

The Relationship Between BMI and Lung Function in Populations with Different

Characteristics: A Cross-Sectional Study Based on the Enjoying Breathing Program in China.

Tang X, Lei J, Li W, Peng Y, Wang C, Huang K, Yang T.

Int J Chron Obstruct Pulmon Dis. 2022 Oct 18;17:2677-2692. doi: 10.2147/COPD.S378247. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36281228/>

Body mass index increase: a risk factor for forced expiratory volume in 1 s decline for overweight and obese adults with asthma.

Bermúdez Barón N, Kankaanranta H, Hedman L, Andersson M, Stridsman C, Lindberg A, Rönmark E, Backman H.

ERJ Open Res. 2022 Oct 24;8(4):00110-2022. doi: 10.1183/23120541.00110-2022.

eCollection 2022 Oct.

<https://pubmed.ncbi.nlm.nih.gov/36299358/>

The Impact of Meal Dietary Inflammatory Index on Exercise-Induced Changes in Airway Inflammation in Adults with Asthma.

McDiarmid KP, Wood LG, Upham JW, MacDonald-Wicks LK, Shivappa N, Hebert JR, Scott HA. *Nutrients*. 2022 Oct 19;14(20):4392. doi: 10.3390/nu14204392.
<https://pubmed.ncbi.nlm.nih.gov/36297076/>

Bronchial Asthma and Sarcopenia: An Upcoming Potential Interaction.

Karakousis ND, Kotsiou OS, Gourgoulialis KI.
J Pers Med. 2022 Sep 21;12(10):1556. doi: 10.3390/jpm12101556.
<https://pubmed.ncbi.nlm.nih.gov/36294694/>

ADVANCED DISEASE / END OF LIFE / PALLIATIVE CARE

Perspectives of Respiratory Physicians toward Need and Integration of Palliative Care in Advanced Respiratory Diseases.

Atreya S, Jeba J, Patil CR, Iyer R, Christopher DJ, Rajan S.
Indian J Palliat Care. 2022 Jul-Sep;28(3):314-320. doi: 10.25259/IJPC_7_2022. Epub 2022 Apr 27.
<https://pubmed.ncbi.nlm.nih.gov/36072243/>

Discussing prognosis and the end of life with patients with advanced cancer or COPD: A qualitative study.

Owusuaa C, van Lent LGG, van 't Spijker A, van der Rijt CCD, van der Heide A.
PLoS One. 2022 Sep 9;17(9):e0274201. doi: 10.1371/journal.pone.0274201. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36084060/>

Singing for People with Advance Chronic Respiratory Diseases: A Qualitative Meta-Synthesis.

Ly L, Philip J, Hudson P, Smallwood N.
Biomedicines. 2022 Aug 26;10(9):2086. doi: 10.3390/biomedicines10092086.
<https://pubmed.ncbi.nlm.nih.gov/36140187/>

Non-invasive advanced respiratory support in end-of-life care and symptom management: systematic review.

Wenzel D, Bleazard L, Pepper CJ, Wilson E, Faull C.
BMJ Support Palliat Care. 2022 Oct 13:spcare-2022-003905. doi: 10.1136/spcare-2022-003905. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36229167/>

Comprehensive care for people living with heart failure and chronic obstructive pulmonary disease-Integration of palliative care with disease-specific care: From guidelines to practice.

Kowalczyz A, Bohdan M, Wilkowska A, Pawłowska I, Pawłowski L, Janowiak P, Jassem E, Lelonek M, Gruchała M, Sobański P.
Front Cardiovasc Med. 2022 Sep 27;9:895495. doi: 10.3389/fcvm.2022.895495. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36237915/>

Patient-Centered Discussions About Disease Progression, Symptom, and Treatment Burden in Chronic Obstructive Pulmonary Disease Could Facilitate the Integration of End-of-Life Discussions in the Disease Trajectory: Patient, Clinician, and Literature Perspectives: A Multimethod Approach.

Tavares N, Jarrett N, Wilkinson TMA, Hunt KJ.

J Palliat Med. 2022 Oct 12. doi: 10.1089/jpm.2022.0028. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36251863/>

Knowledge and Attitudes of Allied Health Professionals Towards End-Of-Life and Advance Care Planning Discussions With People With COPD: A Cross-Sectional Survey Study.

Disler R, Henwood B, Lockett T, Pascoe A, Donesky D, Irving L, Currow DC, Smallwood N.

Am J Hosp Palliat Care. 2022 Oct 20:10499091221134777. doi:

10.1177/10499091221134777. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36266239/>

COMORBID CONDITIONS

Long-term mortality in ischemic stroke patients with concomitant chronic obstructive pulmonary disease.

Bavishi S, Chaudhary D, Li J, Naik S, Abedi V, Zand R.

J Stroke Cerebrovasc Dis. 2022 Sep 4;31(11):106701. doi:

10.1016/j.jstrokecerebrovasdis.2022.106701.

<https://pubmed.ncbi.nlm.nih.gov/36070633/>

The association of temporal sequence in atrial fibrillation and chronic obstructive pulmonary disease diagnosis and mortality risk.

Warming PE, Garcia R, Hansen CJ, Simons SO, Torp-Pedersen C, Linz D, Tfelt-Hansen J.

Eur Heart J Qual Care Clin Outcomes. 2022 Sep 7:qcac059. doi: 10.1093/ehjqcco/qcac059.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36069895/>

Chronic obstructive pulmonary disease and obstructive sleep apnoea overlap: co-existence, co-morbidity, or causality?

O'Neill E, Ryan S, McNicholas WT.

Curr Opin Pulm Med. 2022 Sep 21. doi: 10.1097/MCP.0000000000000922. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36124997/>

Risk of dementia or cognitive impairment in COPD patients: A meta-analysis of cohort studies.

Wang J, Li X, Lei S, Zhang D, Zhang S, Zhang H, Li J.

Front Aging Neurosci. 2022 Sep 9;14:962562. doi: 10.3389/fnagi.2022.962562. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36158542/>

Major cardiovascular events in patients with severe COPD with and without asthma: a nationwide cohort study.

Bonnesen B, Sivapalan P, Kristensen AK, Lassen MCH, Skaarup KG, Rastoder E, Sørensen R, Eklöf J, Biering-Sørensen T, Jensen JS.

ERJ Open Res. 2022 Sep 26;8(3):00200-2022. doi: 10.1183/23120541.00200-2022.

<https://pubmed.ncbi.nlm.nih.gov/36171987/>

Association between right ventricular dysfunction and adverse cardiac events in mild COPD patients.

Armentaro G, Pelaia C, Cassano V, Miceli S, Maio R, Perticone M, Pastori D, Pignatelli P, Andreozzi F, Violi F, Sesti G, Sciacqua A.

Eur J Clin Invest. 2022 Oct 6:e13887. doi: 10.1111/eci.13887. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36203411/>

Anxiety and Depressive Symptoms in Patients with COPD: Modifiable Explanatory Factors.

Bugajski A, Morgan H, Wills W, Jacklin K, Alleyne S, Kolta B, Lengerich A, Rechenberg K.

West J Nurs Res. 2022 Oct 16:1939459221129949. doi: 10.1177/01939459221129949.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36250352/>

Pharmacological, Nutritional, and Rehabilitative Interventions to Improve the Complex Management of Osteoporosis in Patients with Chronic Obstructive Pulmonary Disease: A Narrative Review.

de Sire A, Lippi L, Aprile V, Calafiore D, Folli A, D'Abrosca F, Moalli S, Lucchi M, Ammendolia A, Invernizzi M.

J Pers Med. 2022 Oct 1;12(10):1626. doi: 10.3390/jpm12101626.

<https://pubmed.ncbi.nlm.nih.gov/36294765/>

High rate of abdominal aortic calcification in COPD patients and its relationship with musculoskeletal fragility.

Graumam RQ, Pinheiro MM, Szejnfeld VL, Nery LE, Castro CHM.

Osteoporos Int. 2022 Oct 27. doi: 10.1007/s00198-022-06513-9. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36301311/>

Association of coronary artery calcification with clinical and physiological characteristics in patients with COPD: Results from COSYCONET.

Kahnert K, Jörres RA, Jobst B, Wielpütz MO, Seefelder A, Hackl CM, Trudzinski FC, Watz H, Bals R, Behr J, Rabe KF, Vogelmeier CF, Alter P, Welte T, Herth FF, Kauczor HU, Biederer J.

Respir Med. 2022 Oct 18;204:107014. doi: 10.1016/j.rmed.2022.107014. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36308989/>

EXACERBATIONS / HOSPITALISATIONS / MORTALITY

The impact of anemia on the mortality of COPD patients hospitalized for acute exacerbation resulting in respiratory failure.

Cireli E, Mertoğlu A.

Monaldi Arch Chest Dis. 2022 Aug 9. doi: 10.4081/monaldi.2022.2254. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36039851/>

Identification of Modifiable Risk Factors of Exacerbations Chronic Respiratory Diseases with Airways Obstruction, in Vietnam.

Nguyen TC, Tran HVT, Nguyen TH, Vo DC, Godin I, Michel O.

Int J Environ Res Public Health. 2022 Sep 4;19(17):11088. doi: 10.3390/ijerph191711088.
<https://pubmed.ncbi.nlm.nih.gov/36078802/>

Development and Validation of a Multivariable Prediction Model to Identify Acute Exacerbation of COPD and Its Severity for COPD Management in China (DETECT Study): A Multicenter, Observational, Cross-Sectional Study.

Yin Y, Xu J, Cai S, Chen Y, Chen Y, Li M, Zhang Z, Kang J.

Int J Chron Obstruct Pulmon Dis. 2022 Sep 5;17:2093-2106. doi: 10.2147/COPD.S363935. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36092968/>

Time-Dependent Risk of Cardiovascular Events Following an Exacerbation in Patients With Chronic Obstructive Pulmonary Disease: Post Hoc Analysis From the IMPACT Trial.

Dransfield MT, Criner GJ, Halpin DMG, Han MK, Hartley B, Kalhan R, Lange P, Lipson DA, Martinez FJ, Midwinter D, Singh D, Wise R, Kunisaki KM.

J Am Heart Assoc. 2022 Sep 20;11(18):e024350. doi: 10.1161/JAHA.121.024350. Epub 2022 Sep 14.
<https://pubmed.ncbi.nlm.nih.gov/36102236/>

Characteristics of 12-Month Readmission for Hospitalized Patients with COPD: A Propensity Score Matched Analysis of Prospective Multicenter Study.

Xu T, Sun W, Zhao H, Wang X, Yuan Q, Zhang X, Mao S, Zhang X, Zhao M, Sheng Z, Zhang M, Huang M, Ji N.

Int J Chron Obstruct Pulmon Dis. 2022 Sep 20;17:2329-2341. doi: 10.2147/COPD.S376909. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36164549/>

Race and Sex Differences in Mortality in Individuals with Chronic Obstructive Pulmonary Disease.

Krishnan JK, Rajan M, Banerjee S, Mallya SG, Han MK, Mannino DM, Martinez FJ, Safford MM.

Ann Am Thorac Soc. 2022 Oct;19(10):1661-1668. doi: 10.1513/AnnalsATS.202112-1346OC.
<https://pubmed.ncbi.nlm.nih.gov/35657680/>

Handgrip strength and respiratory disease mortality: Longitudinal analyses from SHARE.

Mey R, Calatayud J, Casaña J, Torres-Castro R, Cuenca-Martínez F, Suso-Martí L, Andersen LL, López-Bueno R.

Pulmonology. 2022 Oct 21:S2531-0437(22)00224-0. doi: 10.1016/j.pulmoe.2022.09.007. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36274049/>

Using Machine Learning to Predict Likelihood and Cause of Readmission After Hospitalization for Chronic Obstructive Pulmonary Disease Exacerbation.

Bonomo M, Hermsen MG, Kaskovich S, Hemmrich MJ, Rojas JC, Carey KA, Venable LR, Churpek MM, Press VG.

Int J Chron Obstruct Pulmon Dis. 2022 Oct 20;17:2701-2709. doi: 10.2147/COPD.S379700. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36299799/>

Mortality associated with metabolic syndrome in people with COPD managed in primary care.

Karsanji U, Evans RA, Quint JK, Khunti K, Lawson CA, Petherick E, Greening NJ, Singh SJ, Richardson M, Steiner MC.

ERJ Open Res. 2022 Oct 24;8(4):00211-2022. doi: 10.1183/23120541.00211-2022. eCollection 2022 Oct.

<https://pubmed.ncbi.nlm.nih.gov/36299367/>

An observational study of the effects of smoking cessation earlier on the clinical characteristics and course of acute exacerbations of chronic obstructive pulmonary disease.

Li X, Wu Z, Xue M, Du W.

BMC Pulm Med. 2022 Oct 27;22(1):390. doi: 10.1186/s12890-022-02187-5.

<https://pubmed.ncbi.nlm.nih.gov/36303160/>

COVID-19

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

Pulmonary function and chest computed tomography abnormalities 6-12 months after recovery from COVID-19: a systematic review and meta-analysis.

Lee JH, Yim JJ, Park J.

Respir Res. 2022 Sep 6;23(1):233. doi: 10.1186/s12931-022-02163-x.

<https://pubmed.ncbi.nlm.nih.gov/36068582/>

Two-Year Health Outcomes in Hospitalized COVID-19 Survivors in China.

Yang X, Hou C, Shen Y, Zhang M, Zhang K, Wang F, Liu Y, Ma X, Cheng L, Kang J, Hu B, Wang M, Zeng L, Wang Y, He Y, Cao G, Jiang J, Jones P, Cao B, Li L.

JAMA Netw Open. 2022 Sep 1;5(9):e2231790. doi: 10.1001/jamanetworkopen.2022.31790.

<https://pubmed.ncbi.nlm.nih.gov/36107425/>

Mortality and Its Predictors in COVID-19 Patients With Pre-existing Interstitial Lung Disease.

Dutt N, Shishir S, Chauhan NK, Jalandra R, Kuwal A, Garg P, Kumar D, Vishwajeet V, Chakraborti A, Deokar K, Asfahan S, Babu A, Bajad P, Gupta N, Khurana A, Garg MK.

Cureus. 2022 Aug 7;14(8):e27759. doi: 10.7759/cureus.27759. eCollection 2022 Aug.

<https://pubmed.ncbi.nlm.nih.gov/36106257/>

Return-to-Work Following Occupational Rehabilitation for Long COVID: Descriptive Cohort Study.

Brehon K, Niemeläinen R, Hall M, Bostick GP, Brown CA, Wieler M, Gross DP. JMIR Rehabil Assist Technol. 2022 Sep 14;9(3):e39883. doi: 10.2196/39883.

<https://pubmed.ncbi.nlm.nih.gov/36094442/>

Effects of continuous aerobic training associated with resistance training on maximal and submaximal exercise tolerance, fatigue, and quality of life of patients post-COVID-19.

Araújo BTS, Barros AEVR, Nunes DTX, Remígio de Aguiar MI, Mastroianni VW, de Souza JAF, Fernandes J, Campos SL, Brandão DC, Dornelas de Andrade A.

Physiother Res Int. 2022 Sep 11:e1972. doi: 10.1002/pri.1972. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36088642/>

Health behaviours the month prior to COVID-19 infection and the development of self-reported long COVID and specific long COVID symptoms: a longitudinal analysis of 1581 UK adults.

Paul E, Fancourt D.

BMC Public Health. 2022 Sep 9;22(1):1716. doi: 10.1186/s12889-022-14123-7.

<https://pubmed.ncbi.nlm.nih.gov/36085055/>

A Delphi consensus statement for the management of post-COVID interstitial lung disease.

Hadda V, Suri TM, Iyer H, Jain A, Mittal S, Madan K, Mohan A, Seith Bhalla A, Sindhvani G, Dutt N, Venkatnarayan K, Nath A, Dhooria S, Kumar R, Marwah V, Karmakar S, Chaudhry D, Ayub II, Dwivedi DP, Tiwari P, Koul P, Behera AK, Saxena P, Sengupta A, Mohapatra PR, Goyal A, Christopher DJ, Guleria R.

Expert Rev Respir Med. 2022 Sep 26. doi: 10.1080/17476348.2022.2128770. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36154545/>

Early experiences of the Your COVID Recovery® digital programme for individuals with long COVID.

Lloyd-Evans PHI, Baldwin MM, Daynes E, Hong A, Mills G, Goddard ACN, Chaplin E, Gardiner N, Singh SJ; Your COVID Recovery® Development Group.

BMJ Open Respir Res. 2022 Sep;9(1):e001237. doi: 10.1136/bmjresp-2022-001237.

<https://pubmed.ncbi.nlm.nih.gov/36171050/>

Cohort Profile: Longitudinal population-based study of COVID-19 in UK adults (COVIDENCE UK).

Holt H, Relton C, Talaei M, Symons J, Davies MR, Jolliffe DA, Vivaldi G, Tydeman F, Williamson AE, Pfeffer PE, Orton C, Ford DV, Davies GA, Lyons RA, Griffiths CJ, Kee F, Sheikh A, Breen G, Shaheen SO, Martineau AR.

Int J Epidemiol. 2022 Sep 29:dyc189. doi: 10.1093/ije/dyc189. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36174228/>

Persistent or new symptoms 1 year after a single high dose of vitamin D3 in patients with moderate to severe COVID-19.

Fernandes AL, Sales LP, Santos MD, Caparbo VF, Murai IH, Pereira RMR.

Front Nutr. 2022 Sep 13;9:979667. doi: 10.3389/fnut.2022.979667. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36176639/>

Hospital admissions and mortality for acute exacerbations of COPD during the COVID-19 pandemic: A nationwide study in France.

Poucineau J, Delory T, Lapidus N, Hejblum G, Chouaïd C, Le Cœur S, Khat M.
Front Med (Lausanne). 2022 Sep 16;9:995016. doi: 10.3389/fmed.2022.995016. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36186789/>

Assessing the impact of COVID-19 measures on COPD management and patients: a simulation-based decision support tool for COPD services in the UK.

Yakutcan U, Hurst JR, Lebcir R, Demir E.
BMJ Open. 2022 Oct 7;12(10):e062305. doi: 10.1136/bmjopen-2022-062305.
<https://pubmed.ncbi.nlm.nih.gov/36207043/>

Persistent COVID-19 symptoms 1 year after hospital discharge: A prospective multicenter study.

Aranda J, Oriol I, Feria L, Abelenda G, Rombauts A, Simonetti AF, Catalano C, Pallarès N, Martín M, Vázquez N, Vall-Llosera E, Rhyman N, Suárez RC, Nogué M, Loureiro-Amigo J, Coloma A, Ceresuela L, Carratalà J.
PLoS One. 2022 Oct 10;17(10):e0275615. doi: 10.1371/journal.pone.0275615. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36215250/>

Eccentric Training in Pulmonary Rehabilitation of Post-COVID-19 Patients: An Alternative for Improving the Functional Capacity, Inflammation, and Oxidative Stress.

Contreras-Briceño F, Espinosa-Ramírez M, Rozenberg D, Reid WD.
Biology (Basel). 2022 Oct 1;11(10):1446. doi: 10.3390/biology11101446.
<https://pubmed.ncbi.nlm.nih.gov/36290350/>

Health-Related Quality of Life and Associated Factors Among Covid-19 Survivors. Experience from Ethiopian Treatment Centers.

Kaso AW, Tesema HG, Hareru HE, Kaso T, Ashuro Z, Talemahu AA, Jore ST, Kassa R, Agero G, Hailu A.
Infect Drug Resist. 2022 Oct 25;15:6143-6153. doi: 10.2147/IDR.S386566. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36304968/>

PERSPECTIVES / STATEMENTS / EDITORIALS

Towards the elimination of chronic obstructive pulmonary disease: a Lancet Commission.

Stolz D, Mkorombindo T, Schumann DM, Agusti A, Ash SY, Bafadhel M, Bai C, Chalmers JD, Criner GJ, Dharmage SC, Franssen FME, Frey U, Han M, Hansel NN, Hawkins NM, Kalhan R, Königshoff M, Ko FW, Parekh TM, Powell P, Rutten-van Mülken M, Simpson J, Sin DD, Song Y, Suki B, Troosters T, Washko GR, Welte T, Dransfield MT.

Lancet. 2022 Sep 5:S0140-6736(22)01273-9. doi: 10.1016/S0140-6736(22)01273-9. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36075255/>

Is asthma control more than just an absence of symptoms? An expert consensus statement.

Canonica GW, Spanevello A, de Llano LP, Domingo Ribas C, Blakey JD, Garcia G, Inoue H, Dalcolmo M, Yang D, Mokashi S, Kurne A, Butta AK.

Respir Med. 2022 Aug 4;202:106942. doi: 10.1016/j.rmed.2022.106942. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36096072/>

New Perspectives on Chronic Obstructive Pulmonary Disease.

Celli BR, Singh D, Vogelmeier C, Agusti A.

Int J Chron Obstruct Pulmon Dis. 2022 Sep 6;17:2127-2136. doi: 10.2147/COPD.S365771. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36097591/>

COPD-related incidence, mortality, and disability: An illustrative summary of the GBD study (1990-2019).

Perret JL, Dharmage SC.

Respirology. 2022 Sep 15. doi: 10.1111/resp.14369. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36106405/>

Lung Health for All: Chronic Obstructive Lung Disease and World Lung Day 2022.

Halpin DMG, Vogelmeier CF, Agusti A.

Am J Respir Crit Care Med. 2022 Sep 15;206(6):669-671. doi: 10.1164/rccm.202207-1407ED.

<https://pubmed.ncbi.nlm.nih.gov/36112775/>

Changing practice by changing pressures: a role for oscillating positive expiratory pressure in chronic obstructive pulmonary disease.

Lewis A, Osadnik CR.

Thorax. 2022 Sep 27:thorax-2022-219451. doi: 10.1136/thorax-2022-219451. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36167723/>

Does this take your breath away? Using respiratory muscle physiology to understand descriptors of breathlessness in health and disease.

Jolley CJ.

J Physiol. 2022 Sep 28. doi: 10.1113/JP283583. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36169340/>

Selected Bibliography of Recent Research in COPD.

Fawzy A, Baker JR, Keller TL, Feemster LC, Donnelly LE, Hansel NN.

Am J Respir Crit Care Med. 2022 Sep 30. doi: 10.1164/rccm.202202-0335UP. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36178396/>

Exercising with Asthma: A Slow Burn or a Quick HIIT?

Kahwash BM, Nyenhuis SM.

J Allergy Clin Immunol Pract. 2022 Oct;10(10):2605-2606. doi: 10.1016/j.jaip.2022.07.019.

<https://pubmed.ncbi.nlm.nih.gov/36216460/>

Selecting the Right Patient: The Achilles Heel of COPD Clinical Trials.

Polverino F, Celli BR.

Am J Respir Crit Care Med. 2022 Oct 15;206(8):1051-1052. doi: 10.1164/rccm.202206-1080LE.

<https://pubmed.ncbi.nlm.nih.gov/35834808/>

When and When Not to Prescribe Home Oxygen in COPD.

Lacasse Y, Maltais F.

Arch Bronconeumol. 2022 Sep 28:S0300-2896(22)00578-6. doi: 10.1016/j.arbres.2022.09.014. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36280434/>

OTHER

Beyond Access: Factors Associated with Spirometry Underutilization Among Patients With a Diagnosis of COPD in Urban Tertiary Care Centers.

Baldomero AK, Kunisaki KM, Bangerter A, Nelson DB, Wendt CH, Fortis S, Hagedorn H, Dudley RA.

Chronic Obstr Pulm Dis. 2022 Aug 23. doi: 10.15326/jcopdf.2022.0303. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36040836/>

Treatment Burden Discussion in Clinical Encounters: Priorities of COPD Patients, Carers and Physicians.

Sav A, Thomas ST, Cardona M, Michaleff ZA, Dobler CC.

Int J Chron Obstruct Pulmon Dis. 2022 Aug 23;17:1929-1942. doi: 10.2147/COPD.S366412. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36039166/>

Assessment of prevalence and characteristics of asthma-COPD overlap among patients with chronic airflow obstruction.

Kumar K, Gupta PP, Verma AK, Yadav R.

Monaldi Arch Chest Dis. 2022 Sep 2. doi: 10.4081/monaldi.2022.2323. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36062505/>

Endoscopic Lung Volume Reduction with One-Way Valves in Patients with Severe Chronic Obstructive Pulmonary Disease with Hypercapnia.

Lenga P, Grah C, Ruwwe-Glösenkamp C, Saccomanno J, Rückert J, Eggeling S, Gläser S, Kurz S, Eisenmann S, Krüger M, Schmidt B, Schneider P, Andreas S, Hinterthaler M, Pfannschmidt J,

Gebhardt A, Stanzel F, Holland A, Kirschbaum A, Becke B, Hübner RH; Lung Emphysema Registry Study Group.
Respiration. 2022;101(9):823-832. doi: 10.1159/000524996. Epub 2022 Jul 4.
<https://pubmed.ncbi.nlm.nih.gov/35785772/>

Sleep-onset time variability and sleep characteristics on weekday and weekend nights in patients with COPD.

Pola DCD, Hirata RP, Schneider LP, Bertoche MP, Furlanetto KC, Mesas AE, Pitta F.
J Bras Pneumol. 2022 Sep 5;48(4):e20210412. doi: 10.36416/1806-3756/e20210412.
eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36074407/>

Influences of Two FEV1 Reference Equations (GLI-2012 and GIRH-2017) on Airflow Limitation Classification Among COPD Patients.

Wei D, Wang Q, Liu S, Tan X, Chen L, Tu R, Liu Q, Jia Y, Liu S.
Int J Chron Obstruct Pulmon Dis. 2022 Sep 2;17:2053-2065. doi: 10.2147/COPD.S373834.
eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36081764/>

Technologies for the Instrumental Evaluation of Physical Function in Persons Affected by Chronic Obstructive Pulmonary Disease: A Systematic Review.

Zucchelli A, Pancera S, Bianchi LNC, Marengoni A, Lopomo NF.
Sensors (Basel). 2022 Sep 1;22(17):6620. doi: 10.3390/s22176620.
<https://pubmed.ncbi.nlm.nih.gov/36081078/>

Pilot study of physiotherapist-led versus music therapist-led breathing control exercises for young adults living with breathing pattern disorder: a randomised controlled trial protocol.

Lewis A, Kal E, Nolan CM, Cave P, Grillo L, Conway J, Jones M.
BMJ Open Respir Res. 2022 Sep;9(1):e001414. doi: 10.1136/bmjresp-2022-001414.
<https://pubmed.ncbi.nlm.nih.gov/36104105/>

Patient-Reported Pulmonary Symptoms, Exacerbations, and Management in a Cohort of Patients With Alpha-1 Antitrypsin Deficiency.

Choate R, Sandhaus RA, Holm KE, Mannino DM, Strange C.
Chronic Obstr Pulm Dis. 2022 Sep 14. doi: 10.15326/jcopdf.2022.0317. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36103189/>

Burden of respiratory problems in low-income and middle-income countries.

Clark J, Kochovska S, Currow DC.
Curr Opin Support Palliat Care. 2022 Sep 14. doi: 10.1097/SPC.0000000000000615. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36102933/>

Sinonasal Symptoms in COPD: Burden and Associations with Clinical Markers of Disease.

Øie MR, Helvik AS, Sue-Chu M, Steinsvåg SK, Thorstensen WM.

Int J Chron Obstruct Pulmon Dis. 2022 Sep 7;17:2137-2147. doi: 10.2147/COPD.S372991. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36101792/>

Reduction of Lung Hyperinflation Improves Cardiac Preload, Contractility, and Output in Emphysema: A Clinical Trial in Patients Who Received Endobronchial Valves.

van der Molen MC, Hartman JE, Vanfleteren LEGW, Kerstjens HAM, van Melle JP, Willems TP, Slebos DJ.

Am J Respir Crit Care Med. 2022 Sep 15;206(6):704-711. doi: 10.1164/rccm.202201-0214OC.

<https://pubmed.ncbi.nlm.nih.gov/35584341/>

Comorbidities and mortality risk in adults younger than 50 years of age with chronic obstructive pulmonary disease.

Divo MJ, Marin JM, Casanova C, Cabrera Lopez C, Pinto-Plata VM, Marin-Oto M, Polverino F, de-Torres JP, Billheimer D, Celli BR; BODE Collaborative Group.

Respir Res. 2022 Sep 27;23(1):267. doi: 10.1186/s12931-022-02191-7.

<https://pubmed.ncbi.nlm.nih.gov/36167533/>

Tests to uncover and assess breathlessness: a proposed framework.

Ekström M.

Curr Opin Support Palliat Care. 2022 Sep 21. doi: 10.1097/SPC.0000000000000617. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36165599/>

Social suffering in individuals with chronic obstructive pulmonary disease: a secondary analysis of interpretative phenomenological study.

Younas A, Zeb H, Tejada-Garrido CI, Durante A.

Psychol Health Med. 2022 Sep 25:1-6. doi: 10.1080/13548506.2022.2128195. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36154546/>

'You can't feel what we feel': Multifaceted dyspnoea invisibility in advanced chronic obstructive pulmonary disease examined through interpretative phenomenological analysis.

Serresse L, Guerder A, Dedonder J, Nion N, Lavault S, Morélot-Panzini C, Gonzalez-Bermejo J, Benoit L, Similowski T.

Palliat Med. 2022 Sep 25:2692163221118198. doi: 10.1177/02692163221118198. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36154535/>

Determining the influence of the primary and specialist network of care on patient and system outcomes among patients with a new diagnosis of chronic obstructive pulmonary disease (COPD).

Tranmer J, Rotter T, O'Donnell D, Marciniuk D, Green M, Kinsman L, Li W.

BMC Health Serv Res. 2022 Sep 29;22(1):1210. doi: 10.1186/s12913-022-08588-w.

<https://pubmed.ncbi.nlm.nih.gov/36171574/>

Development of Self-Management Pictorial Health Information and Comparison of Korean Patients' With Chronic Obstructive Pulmonary Disease and Health Care Professionals' Perceptions.

Choi JY, Jin X, Ryu EJ.

J Gerontol Nurs. 2022 Oct;48(10):41-46. doi: 10.3928/00989134-20220908-06. Epub 2022 Oct 1.

<https://pubmed.ncbi.nlm.nih.gov/36169293/>

Suboptimal Peak Inspiratory Flow and Critical Inhalation Errors are Associated with Higher COPD-Related Healthcare Costs.

Leving MT, van Boven JFM, Bosnic-Anticevich SZ, van Cooten J, Correia de Sousa J, Cvetkovski B, Dekhuijzen R, Dijk L, García Pardo M, Gardev A, Gawlik R, van der Ham I, Hartgers-Gubbels ES, Janse Y, Lavorini F, Maricoto T, Meijer J, Metz B, Price DB, Roman-Rodríguez M, Schuttel K, Stoker N, Tsiligianni I, Usmani OS, Kocks JH.

Int J Chron Obstruct Pulmon Dis. 2022 Sep 25;17:2401-2415. doi: 10.2147/COPD.S380736. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36185173/>

The burden of prostate cancer in North Africa and Middle East, 1990-2019: Findings from the global burden of disease study.

Abbasi-Kangevari M, Saeedi Moghaddam S, Ghamari SH, Azangou-Khyavy M, Malekpour MR, Rezaei N, Rezaei N, Kolahi AA; GBD 2019 NAME Prostate Cancer Collaborators, Amini E, Mokdad AH, Jamshidi H, Naghavi M, Larijani B, Farzadfar F.

Front Oncol. 2022 Sep 13;12:961086. doi: 10.3389/fonc.2022.961086. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36175873/>

People with COPD have greater participation restrictions than age-matched older adults without respiratory conditions assessed during the COVID-19 pandemic.

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

PLoS One. 2022 Oct 4;17(10):e0275264. doi: 10.1371/journal.pone.0275264. eCollection 2022.

<https://pubmed.ncbi.nlm.nih.gov/36194605/>

Frailty transitions in older persons with lung function impairment: a population-based study.

Wijnant SRA, Benz E, Luik AI, Rivadeneira F, Voortman T, Brusselle GG, Lahousse L.

J Gerontol A Biol Sci Med Sci. 2022 Oct 13:glac202. doi: 10.1093/gerona/glac202. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36226677/>

Global Initiative for Chronic Obstructive Lung Disease (GOLD) recommendations: strengths and concerns for future needs.

Bartziokas K, Papaportfyriou A, Hillas G, Papaioannou AI, Loukides S.

Postgrad Med. 2022 Oct 13. doi: 10.1080/00325481.2022.2135893. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36226501/>

Using a Taxonomy to Systematically Identify and Describe Self-Management Interventions Components in Randomized Trials for COPD.

Heijmans M, Poortvliet R, Van der Gaag M, González-González AI, Beltran Puerta J, Canelo-Aybar C, Valli C, Ballester M, Rocha C, Garcia ML, Salas-Gama K, Kaloteraki C, Santero M, Niño de Guzmán E, Spoiala C, Gurung P, Moaddine S, Willemen F, Cools I, Bleeker J, Kancheva A, Ertl J, Laure T, Kancheva I, Pacheco-Barrios K, Zafra-Tanaka J, Mavridis D, Angeliki Veroniki A, Zevgiti S, Seitidis G, Alonso-Coello P, Groene O, Sunol R, Orrego C. *Int J Environ Res Public Health*. 2022 Oct 4;19(19):12685. doi: 10.3390/ijerph191912685. <https://pubmed.ncbi.nlm.nih.gov/36231985/>

Characteristics Associated with Spirometry Guideline Adherence in VA Patients Hospitalized with Chronic Obstructive Pulmonary Disease.

Rodwin BA, DeRycke EC, Han L, Bade BC, Brandt CA, Bastian LA, Akgün KM. *J Gen Intern Med*. 2022 Oct 14. doi: 10.1007/s11606-022-07826-5. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36241942/>

Experiences of fatigue among people with chronic obstructive pulmonary disease: a qualitative systematic review protocol.

Hamari L, Siltanen H, Heikkilä K, Holopainen A. *JBI Evid Synth*. 2022 Oct 1;20(10):2559-2564. doi: 10.11124/JBIES-21-00321. <https://pubmed.ncbi.nlm.nih.gov/36065938/>

Lifetime spirometry patterns of obstruction and restriction, and their risk factors and outcomes: a prospective cohort study.

Dharmage SC, Bui DS, Walters EH, Lowe AJ, Thompson B, Bowatte G, Thomas P, Garcia-Aymerich J, Jarvis D, Hamilton GS, Johns DP, Frith P, Senaratna CV, Idrose NS, Wood-Baker RR, Hopper J, Gurrin L, Erbas B, Washko GR, Faner R, Agusti A, Abramson MJ, Lodge CJ, Perret JL. *Lancet Respir Med*. 2022 Oct 13:S2213-2600(22)00364-2. doi: 10.1016/S2213-2600(22)00364-2. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36244396/>

Self-management programme of activity coping and education-SPACE for COPD(C)-in primary care: a pragmatic randomised trial.

Bourne C, Houchen-Wolloff L, Patel P, Bankart J, Singh S. *BMJ Open Respir Res*. 2022 Oct;9(1):e001443. doi: 10.1136/bmjresp-2022-001443. <https://pubmed.ncbi.nlm.nih.gov/36253020/>

Application of Acupoint Catgut Embedding Therapy Combined with Liuzijue Breathing Exercise in the Treatment of Patients with Stable Chronic Obstructive Pulmonary Disease.

Zheng Y, Xia J, Zheng J. *Evid Based Complement Alternat Med*. 2022 Oct 6;2022:4084505. doi: 10.1155/2022/4084505. eCollection 2022. <https://pubmed.ncbi.nlm.nih.gov/36248426/>

Acupuncture for dyspnea and breathing physiology in chronic respiratory diseases: A protocol of a systematic review and meta-analysis of randomized controlled trials.

Xiong C, Li Y, Li CY, Liu YF, Wei H, Fu JJ.
Medicine (Baltimore). 2022 Oct 14;101(41):e30909. doi: 10.1097/MD.00000000000030909.
<https://pubmed.ncbi.nlm.nih.gov/36253986/>

Validity and Reliability of Caregiver Contribution to Self-Care of Chronic Obstructive Pulmonary Disease Inventory and Caregiver Self-Efficacy in Contributing to Self-Care Scale.

Matarese M, Pendoni R, Ausili D, Vellone E, De Maria M.
Eval Health Prof. 2022 Oct 20;1632787221134712. doi: 10.1177/01632787221134712.
Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36266087/>

The Effect of Teach-Back Combined with King Interactive Standard Mode on the Life of COPD Patients.

Rang J, Peng L, Wen L, Zhou Z, Xia Y, Xie C, Xie T, Tan J.
Contrast Media Mol Imaging. 2022 Sep 20;2022:4638745. doi: 10.1155/2022/4638745.
eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36262987/>

Transcutaneous electrical nerve stimulation over acupoint for chronic obstructive pulmonary disease: A systematic review and meta-analysis.

Wei Y, Yuan N, Dong Y, Wang L, Ding J.
Front Public Health. 2022 Oct 6;10:937835. doi: 10.3389/fpubh.2022.937835. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36276359/>

Patient activation is a treatable trait in patients with chronic airway diseases: An observational study.

Peters JB, Antons JC, Koolen EH, van Helvoort HAC, van Hees HWH, van den Borst B, Spruit MA, Vercoulen JH, van 't Hul AJ.
Front Psychol. 2022 Oct 5;13:947402. doi: 10.3389/fpsyg.2022.947402. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36275341/>

Updated Perspectives on the Role of Biomechanics in COPD: Considerations for the Clinician.

Yentes JM, Liu WY, Zhang K, Markvicka E, Rennard SI.
Int J Chron Obstruct Pulmon Dis. 2022 Oct 17;17:2653-2675. doi: 10.2147/COPD.S339195.
eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36274993/>

Effects of Kinesio Taping® on pulmonary function of individuals with COPD: A systematic review and meta-analysis.

de Campos L, Neves R, Isoppo KDS.
Heart Lung. 2022 Oct 19;57:236-242. doi: 10.1016/j.hrtlng.2022.09.021. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36272221/>

Comparison of COPD primary care in England, Scotland, Wales, and Northern Ireland.

Stone PW, Hickman K, Holmes S, Feary JR, Quint JK.
NPJ Prim Care Respir Med. 2022 Oct 25;32(1):46. doi: 10.1038/s41533-022-00305-8.
<https://pubmed.ncbi.nlm.nih.gov/36280669/>

Disparities in Disease Burden and Treatment of Patients Asthma and Chronic Obstructive Pulmonary Disease.

Gaffney AW.
Med Clin North Am. 2022 Nov;106(6):1027-1039. doi: 10.1016/j.mcna.2022.08.005. Epub 2022 Oct 3.
<https://pubmed.ncbi.nlm.nih.gov/36280330/>

Design of the reducing diagnostic error to improve patient safety (REDEfINE) in COPD and asthma study: A cluster randomized comparative effectiveness trial.

Pacheco E, Sohn AJ, Wells C, Sharp LK, Madrid S, Lee TA, Chen YF, Yawn BP, Garcia D, Shim K, Quesada N, Joo MJ.
Contemp Clin Trials. 2022 Oct 21:106971. doi: 10.1016/j.cct.2022.106971. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36280032/>

How to co-design a health literacy-informed intervention based on a needs assessment study in chronic obstructive pulmonary disease.

Borge CR, Larsen MH, Osborne RH, Engebretsen E, Andersen MH, Holter IA, Wahl AK.
BMJ Open. 2022 Oct 27;12(10):e063022. doi: 10.1136/bmjopen-2022-063022.
<https://pubmed.ncbi.nlm.nih.gov/36302571/>