



## ERS literature update May-June 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 Patient Experience of Home-Based Pulmonary Rehabilitation With Health Coaching for COPD: A Qualitative Interview Study.**

Midthun WR, Benzo MV, Ridgeway JL, Benzo RP.

Chronic Obstr Pulm Dis. 2023 May 3. doi: 10.15326/jcopdf.2022.0384. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37140957/>

#### **Pulmonary Rehabilitation Using Minimal Equipment for People With Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.**

Cheng SWM, McKeough ZJ, McNamara RJ, Alison JA.

Phys Ther. 2023 May 4;103(5):pzad013. doi: 10.1093/ptj/pzad013.

<https://pubmed.ncbi.nlm.nih.gov/37140475/>

#### **The effects of nurse-led family pulmonary rehabilitation intervention on quality of life and exercise capacity in rural patients with COPD.**

Zhang M, Mao X, Li F, Xianyu Y.

Nurs Open. 2023 May 11. doi: 10.1002/nop2.1804. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37170442/>

#### **Home-Based Pilot Pulmonary Program for Dyspneic Patients Post-COVID-19.**

Morgan S, Visovsky C, Thomas B, Klein AB, Ji M, Schwab L, Coury J.

Clin Nurs Res. 2023 Jun;32(5):895-901. doi: 10.1177/10547738231170496. Epub 2023 May 3.

<https://pubmed.ncbi.nlm.nih.gov/37132243/>

#### **Assessment of Noninvasive Oxygen Saturation in Patients with COPD during Pulmonary Rehabilitation: Smartwatch versus Pulse Oximeter.**

Støve MP, Graversen AH, Sørensen J.

Respir Care. 2023 May 16:respcare.10760. doi: 10.4187/respcare.10760. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37193599/>

#### **Effects of Early Pulmonary Rehabilitation on Hospitalized Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.**

Lu HY, Chen CF, Lee DL, Tsai YJ, Lin PC.

Int J Chron Obstruct Pulmon Dis. 2023 May 15;18:881-893. doi: 10.2147/COPD.S397361. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37215744/>

**Feasibility, effectiveness and safety of self-management in pulmonary rehabilitation: a study protocol using a hybrid type 1 effectiveness-implementation design.**

Ricke E, Dijkstra A, Bakker EW.

Front Rehabil Sci. 2023 May 9;4:1178823. doi: 10.3389/fresc.2023.1178823. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37228588/>

**Effectiveness and quality of life in lung cancer, pre-, post- and perioperative rehabilitation - A review.**

Abidi Y, Fekete M, Farkas Á, Horváth A, Varga JT.

Physiol Int. 2023 May 26. doi: 10.1556/2060.2023.00237. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37235454/>

**Pulmonary rehabilitation and physical interventions.**

Troosters T, Janssens W, Demeyer H, Rabinovich RA.

Eur Respir Rev. 2023 Jun 7;32(168):220222. doi: 10.1183/16000617.0222-2022. Print 2023 Jun 30.

<https://pubmed.ncbi.nlm.nih.gov/37286219/>

**Pulmonary rehabilitation and endothelial function in patients with chronic obstructive pulmonary disease: A prospective cohort study.**

Ambrosino P, Di Minno MND, D'Anna SE, Formisano R, Pappone N, Mancusi C, Molino A, Motta A, Maniscalco M.

Eur J Intern Med. 2023 Jun 20:S0953-6205(23)00210-8. doi: 10.1016/j.ejim.2023.06.015. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/?term=copd&sort=date>

**The effects of pulmonary rehabilitation on inflammatory biomarkers in patients with chronic obstructive pulmonary disease: Protocol for a systematic review and meta-analysis.**

Newman ANL, Oliveira A, Goldstein R, Farley C, Nair P, Brooks D.

PLoS One. 2023 Jun 27;18(6):e0287549. doi: 10.1371/journal.pone.0287549. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37368891/>

**Effect of Pulmonary Rehabilitation on COPD Assessment Test Items in Individuals Classified as GOLD Group E.**

Vitacca M, Paneroni M, Spanevello A, Maniscalco M, Diasparra A, Aliani M, Ambrosino N.

Respiration. 2023 Jun 28:1-10. doi: 10.1159/000531011. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37379816/>

**EXERCISE TESTING AND TRAINING**

**Efficacy of aerobic training and resistance training combined with external diaphragm pacing in patients with chronic obstructive pulmonary disease: A randomized controlled study.**

Xu Y, Yang D, Lu B, Zhang Y, Ren L, Shen H.  
Clin Rehabil. 2023 Apr 25:2692155231172005. doi: 10.1177/02692155231172005. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37122164/>

**Early versus non-early desaturation during 6MWT in COPD patients: A follow-up study.**

Agarwal M, Anand S, Patro M, Gothi D.  
Lung India. 2023 May-Jun;40(3):235-241. doi: 10.4103/lungindia.lungindia\_404\_22.  
<https://pubmed.ncbi.nlm.nih.gov/37148021/>

**Effectiveness and Safety of Multicomponent Physical Training in Patients With Chronic Obstructive Pulmonary Disease: Protocol for a Randomized Clinical Trial.**

Mazzarin CM, Silveira BR, Lamezon AC, Cavon Luna B, Valderramas S.  
Health Serv Insights. 2023 May 2;16:11786329231169255. doi:  
10.1177/11786329231169255. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37153879/>

**Non-invasive ventilatory support accelerates the oxygen uptake and heart rate kinetics and improves muscle oxygenation dynamics in COPD-HF patients.**

Simões RP, Goulart CDL, Caruso FR, de Araújo ASG, de Moura SCG, Catai AM, Dos Santos PB, Camargo PF, Marinho RS, Mendes RG, Borghi-Silva A.  
Am J Med Sci. 2023 May 6:S0002-9629(23)01177-1. doi: 10.1016/j.amjms.2023.05.005.  
Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37156461/>

**The effects of upper limb exercise training on upper limb muscle strength in people with chronic obstructive pulmonary disease: a systematic review and meta-analysis of randomized controlled trials.**

Karagiannis C, Savva C, Korakakis V, Ploutarchou G, Adamide T, Georgiou A, Xanthos T.  
Ther Adv Respir Dis. 2023 Jan-Dec;17:17534666231170813. doi:  
10.1177/17534666231170813.  
<https://pubmed.ncbi.nlm.nih.gov/37165688/>

**Determination of the minimal important difference for inspiratory muscle strength in people with severe and very severe COPD.**

Beaumont M, Couasnon C, Péran L, Berriet AC, Ber CL, Pichon R.  
Clin Rehabil. 2023 May 15:2692155231174124. doi: 10.1177/02692155231174124. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37186772/>

**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 Jun 1;55(6):1097-1104. doi: 10.1249/MSS.0000000000003124.  
<https://pubmed.ncbi.nlm.nih.gov/36633582/>

**Effects of Tai Chi on Lung Function, Exercise Capacity and Psychosocial Outcomes in Patients With Chronic Obstructive Pulmonary Disease: Systematic Review and Meta-analysis of Randomized Controlled Trials.**

Yang Y, Yang L, Yang X, Tian Y.

Biol Res Nurs. 2023 May 21:10998004231178318. doi: 10.1177/10998004231178318. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37210672/>

**A new method for estimating the first ventilatory threshold in patients with chronic respiratory diseases: A feasibility study.**

Pernot J, Ribon A, Degano B.

Respir Med Res. 2023 Apr 29;83:101022. doi: 10.1016/j.resmer.2023.101022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37207378/>

**Validity, Reproducibility, and Minimal Detectable Difference of the Functional Upper Extremity Function Test - Simplified Version - for Adults With Moderate-Severe Asthma and COPD.**

Correia NS, Oliveira JM, Fernandes DR, Feitosa DI, Pereira DM, do Amaral DP, Mesquita R, Pitta F, Dal Corso S, Furlanetto KC.

Respir Care. 2023 May 23:respcare.10464. doi: 10.4187/respcare.10464. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37221086/>

**Efficacy of Traditional Chinese exercise (Baduanjin) on patients with stable COPD: A Systematic review and Meta-analysis.**

Shuai Z, Xiao Q, Ling Y, Zhang Y, Zhang Y.

Complement Ther Med. 2023 May 21:102953. doi: 10.1016/j.ctim.2023.102953. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37220858/>

**Validity and clinical applicability of the 60-second sit-to-stand test in people with acute exacerbations of COPD.**

McDonald O, Perraton L, Osadnik C.

Respir Med. 2023 May 20:107264. doi: 10.1016/j.rmed.2023.107264. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37217083/>

**The minimal important difference of the constant work rate cycle test in severe COPD.**

van der Molen MC, Slebos DJ, Augustijn SWS, Kerstjens HAM, Hartman JE.

Respir Med. 2023 May 22:107265. doi: 10.1016/j.rmed.2023.107265. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37224889/>

**Analysing the Effects of Different Types of Exercise on Dyspnoea and Fatigue in Adults through COPD-Systematic Review and Meta-Analysis of Randomised Clinical Trials.**

Couto N, Cid L, Alves S, Brito JP, Pimenta N, Bento T.

Healthcare (Basel). 2023 May 16;11(10):1449. doi: 10.3390/healthcare11101449.

<https://pubmed.ncbi.nlm.nih.gov/37239735/>

**Understanding the effectiveness of different exercise training programme designs on  $\dot{V}O_2$ peak in COPD: a component network meta-analysis.**

Ward TJ, Plumptre CD, Fraser-Pye AV, Dolmage TE, Jones AV, Trethewey R, Latimer L, Singh SJ, Lindley MR, Steiner MC, Evans RA.

Thorax. 2023 Jun 1;thorax-2023-220071. doi: 10.1136/thorax-2023-220071. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37263780/>

**A virtual reality-based endurance training program for COPD patients: acceptability and user experience.**

Colombo V, Mondellini M, Fumagalli A, Aliverti A, Sacco M.

Disabil Rehabil Assist Technol. 2023 Jun 5;1-10. doi: 10.1080/17483107.2023.2219699.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37272556/>

**Ventilation dynamics using a portable device coupled to the six-minute walk test in people with long-COVID syndrome: a preliminary study.**

Oliveira JGM, Campos RP, Azevedo BLPA, de Alegria SG, Litrento PF, Mafort TT, Lopes AJ.

BMC Res Notes. 2023 Jun 8;16(1):99. doi: 10.1186/s13104-023-06374-3.

<https://pubmed.ncbi.nlm.nih.gov/37291610/>

**Minimally Important Difference of the 20-m 6-Min Walk Test in Individuals With COPD.**

Klein SR, Munari AB, Karloh M, Mucha FC, Silva IJ, Mayer AF.

Respir Care. 2023 Jun 13;respcare.10917. doi: 10.4187/respcare.10917. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37311628/>

**Residual effects of 12 weeks of power-oriented resistance training plus high-intensity interval training on muscle dysfunction, systemic oxidative damage, and antioxidant capacity after 10 months of training cessation in older people with COPD.**

Baltasar-Fernandez I, Losa-Reyna J, Carretero A, Rodriguez-Lopez C, Alfaro-Acha A,

Guadalupe-Grau A, Ara I, Alegre LM, Gomez-Cabrera MC, García-García FJ, Alcazar J.

Scand J Med Sci Sports. 2023 Jun 15. doi: 10.1111/sms.14428. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37322570/>

**Meditative movement for breathlessness in advanced COPD or cancer: a systematic review and meta-analysis.**

Nolan CM, Brighton LJ, Mo Y, Bayly J, Higginson IJ, Man WD, Maddocks M.

Eur Respir Rev. 2023 Jun 21;32(168):220243. doi: 10.1183/16000617.0243-2022. Print 2023 Jun 30.

<https://pubmed.ncbi.nlm.nih.gov/37343961/>

**Predictors of cardiopulmonary exercise testing in COPD patients according to Weber classification.**

Caruso FR, Goulart CDL, Jr JCB, de Oliveira CR, Mendes RG, Arena R, Borghi-Silva A.

Heart Lung. 2023 Jun 24;62:95-100. doi: 10.1016/j.hrtlng.2023.06.022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37364368/>

**Exercise Rehabilitation and Chronic Respiratory Diseases: Effects, Mechanisms, and Therapeutic Benefits.**

Xiong T, Bai X, Wei X, Wang L, Li F, Shi H, Shi Y.

Int J Chron Obstruct Pulmon Dis. 2023 Jun 19;18:1251-1266. doi: 10.2147/COPD.S408325. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37362621/>

## PHYSICAL ACTIVITY

**Change in physical activity related to admission for exacerbation in COPD patients.**

Esteban C, Antón-Ladislao A, Aramburu A, Chasco L, Orive M, Tabernero E, Rayón M, Cebrián JJ, Terán J, García-Talavera I, Quintana JM; ReEPOC-REDISSEC group.

Respir Med. 2023 Jun;212:107236. doi: 10.1016/j.rmed.2023.107236.

<https://pubmed.ncbi.nlm.nih.gov/37023870/>

**Do Functional Tests Estimate Physical Activity in COPD?**

Correia NS, Oliveira JM, Schneider LP, Morita AA, Pitta F, Furlanetto KC.

COPD. 2023 Dec;20(1):162-166. doi: 10.1080/15412555.2023.2165905.

<https://pubmed.ncbi.nlm.nih.gov/37166420/>

**Relationship Between Physical Activity and Adult Asthma Control Using NHANES 2011-2020 Data.**

Ye W, Li X, Huang Y.

Med Sci Monit. 2023 May 24;29:e939350. doi: 10.12659/MSM.939350.

<https://pubmed.ncbi.nlm.nih.gov/37221818/>

**Depression Symptoms and Physical Activity in Veterans With COPD: Insights From a Web-Based, Pedometer-Mediated Physical Activity Intervention.**

Bamonti PM, Perndorfer C, Robinson SA, Mongiardo MA, Wan ES, Moy ML.

Ann Behav Med. 2023 Jun 1:kaad026. doi: 10.1093/abm/kaad026. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37260290/>

**Physical Activity, Exercise Capacity and Sedentary Behavior in People with Alpha-1 Antitrypsin Deficiency: A Scoping Review.**

O'Shea O, Casey S, Giblin C, Stephenson A, Carroll TP, McElvaney NG, McDonough SM.

Int J Chron Obstruct Pulmon Dis. 2023 Jun 16;18:1231-1250. doi: 10.2147/COPD.S389001. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37346078/>

**Moderate-vigorous physical activity and all-cause mortality in COPD: could bouts matter?**

Cox NS, Burge AT, Holland AE.

ERJ Open Res. 2023 Jun 19;9(3):00704-2022. doi: 10.1183/23120541.00704-2022.

eCollection 2023 May.

<https://pubmed.ncbi.nlm.nih.gov/37342092/>

## TELEMEDICINE\*

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

### **Implementation of digital home monitoring and management of respiratory disease.**

Pinnock H, Hui CY, van Boven JFM.

Curr Opin Pulm Med. 2023 May 3. doi: 10.1097/MCP.0000000000000965. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37132298/>

### **Telerehabilitation in pulmonary diseases.**

Cox NS, Khor YH.

Curr Opin Pulm Med. 2023 May 3. doi: 10.1097/MCP.0000000000000962. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37132293/>

### **Mobile Health Pulmonary Rehabilitation Compared to a Center-Based Program for Cost-Effectiveness and Effects on Exercise Capacity, Health Status, and Quality of Life in People with Chronic Obstructive Pulmonary Disease: A Protocol for a Randomized Controlled Trial.**

Wootton SL, Dale MT, Alison JA, Brown S, Rutherford H, Chan ASL, Varnfield M, Yang IA, Cunich M, Dennis S, McKeough ZJ.

Phys Ther. 2023 May 3:pzad044. doi: 10.1093/ptj/pzad044. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37133445/>

### **Telehealth and telemedicine in the management of adult patients after hospitalization for COPD exacerbation: a scoping review.**

Rezende LC, Ribeiro EG, Parreiras LC, Guimarães RA, Reis GMD, Carajá AF, Franco TB, Mendes LPS, Augusto VM, Silva KL.

J Bras Pneumol. 2023 May 1;49(3):e20220067. doi: 10.36416/1806-3756/e20220067. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37132694/>

### **Telemedicine and home monitoring for COPD - a narrative review of recent literature.**

Poberezhets V, Kasteleyn MJ.

Curr Opin Pulm Med. 2023 May 5. doi: 10.1097/MCP.0000000000000969. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37140553/>

### **Assessing Equitable Recruitment in a Digital Health Trial for Asthma.**

Plombon S, Rudin RS, Sulca Flores J, Goolkasian G, Sousa J, Rodriguez J, Lipsitz S, Foer D, Dalal AK.

Appl Clin Inform. 2023 May 10. doi: 10.1055/a-2090-5745. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37164328/>

**Rural disparities impact response to a web-based physical activity self-management intervention in COPD: A secondary analysis.**

Robinson SA, Bamonti P, Richardson CR, Kadri R, Moy ML.

J Rural Health. 2023 May 11. doi: 10.1111/jrh.12765. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37166231/>

**Impact of a digital web-based asthma platform, a real-life study.**

Genberg EM, Viitanen HT, Mäkelä MJ, Kautiainen HJ, Kauppi PM.

BMC Pulm Med. 2023 May 12;23(1):165. doi: 10.1186/s12890-023-02467-8.

<https://pubmed.ncbi.nlm.nih.gov/37173716/>

**Usability of a mobile application for the clinical follow-up of patients with chronic obstructive pulmonary disease and home oxygen therapy.**

Naranjo-Rojas A, Perula-de Torres LÁ, Cruz-Mosquera FE, Molina-Recio G.

Int J Med Inform. 2023 May 5;175:105089. doi: 10.1016/j.ijmedinf.2023.105089. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37172506/>

**Patient-Assessed Quality of Virtual Consultations as Follow-Up on Long-Term Oxygen Therapy for Patients With COPD.**

Schmidt HC, Christensen HM.

Respir Care. 2023 Apr 25;respcare.10612. doi: 10.4187/respcare.10575. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37185114/>

**Feasibility of a Virtual Reality App to Promote Pulmonary Rehabilitation.**

Finkelstein J, Parvanova I, Huo X.

Stud Health Technol Inform. 2023 May 18;302:458-462. doi: 10.3233/SHTI230172.

<https://pubmed.ncbi.nlm.nih.gov/37203716/>

**Patient Perspectives on Long-Term Use of a Pulmonary Telerehabilitation Platform: A Qualitative Analysis.**

Gabriel AS, Parvanova I, Finkelstein J.

Stud Health Technol Inform. 2023 May 18;302:982-986. doi: 10.3233/SHTI230322.

<https://pubmed.ncbi.nlm.nih.gov/37203549/>

**Application of the RE-AIM framework to evaluate the implementation of telehealth pulmonary rehabilitation in a randomized controlled trial among African-American and Hispanic patients with advanced stage Chronic Obstructive Pulmonary Disease.**

Polo J, Basile MJ, Zhang M, Ordonez K, Rodriguez D, Boye-Codjoe E, Williams M, Tsang D, Medina R, Jacome S, Mir P, Khanijo S, Pekmezaris R, Hajizadeh N.

BMC Health Serv Res. 2023 May 23;23(1):515. doi: 10.1186/s12913-023-09492-7.

<https://pubmed.ncbi.nlm.nih.gov/37218000/>

**The feasibility of remotely monitoring physical, cognitive, and psychosocial function in individuals with stroke or chronic obstructive pulmonary disease.**



French MA, Keatley E, Li J, Balasubramanian A, Hansel NN, Wise R, Searson P, Singh A, Raghavan P, Wegener S, Roemmich RT, Celnik P.  
Digit Health. 2023 May 16;9:20552076231176160. doi: 10.1177/20552076231176160.  
eCollection 2023 Jan-Dec.

<https://pubmed.ncbi.nlm.nih.gov/37214659/>

**Role of the internet of medical things in care for patients with interstitial lung disease.**

Nakshbandi G, Moor CC, Wijssenbeek MS.

Curr Opin Pulm Med. 2023 May 22. doi: 10.1097/MCP.0000000000000971. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37212372/>

**Digital outcome measures in pulmonary clinical trials.**

Farrand E, Swigris JJ.

Curr Opin Pulm Med. 2023 Jul 1;29(4):322-327. doi: 10.1097/MCP.0000000000000972. Epub 2023 May 16.

<https://pubmed.ncbi.nlm.nih.gov/37191175/>

**myCOPD App for Managing Chronic Obstructive Pulmonary Disease: A NICE Medical Technology Guidance for a Digital Health Technology.**

Davies H, Chappell M, Wang Y, Phalguni A, Wake S, Arber M, Shore J.

Appl Health Econ Health Policy. 2023 May 28. doi: 10.1007/s40258-023-00811-x. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37246188/>

**Implementation of digital home monitoring and management of respiratory disease.**

Pinnock H, Hui CY, van Boven JFM.

Curr Opin Pulm Med. 2023 Jul 1;29(4):302-312. doi: 10.1097/MCP.0000000000000965. Epub 2023 May 2.

<https://pubmed.ncbi.nlm.nih.gov/37132298/>

**Virtual Group Pulmonary Rehabilitation in COPD Facilitated by a Peer Coach: A Proof-of-Concept Study.**

Tank T, Oelberg D, Fraenkel L.

Respir Care. 2023 Jun 6;respcare.10517. doi: 10.4187/respcare.10517. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37280075/>

**Home monitoring with connected mobile devices for asthma attack prediction with machine learning.**

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

Sci Data. 2023 Jun 8;10(1):370. doi: 10.1038/s41597-023-02241-9.

<https://pubmed.ncbi.nlm.nih.gov/37291158/>

**Mobile health applications for self-management in chronic lung disease: a systematic review.**

Quach S, Michaelchuk W, Benoit A, Oliveira A, Packham TL, Goldstein R, Brooks D.

Netw Model Anal Health Inform Bioinform. 2023;12(1):25. doi: 10.1007/s13721-023-00419-0. Epub 2023 Jun 6.

<https://pubmed.ncbi.nlm.nih.gov/37305790/>

**Digital health in chronic obstructive pulmonary disease.**

Long H, Li S, Chen Y.

Chronic Dis Transl Med. 2023 Jun 2;9(2):90-103. doi: 10.1002/cdt3.68. eCollection 2023 Jun.

<https://pubmed.ncbi.nlm.nih.gov/37305103/>

**Assessing real-world gait with digital technology? Validation, insights and recommendations from the Mobilise-D consortium.**

Micó-Amigo ME, Bonci T, Paraschiv-Ionescu A, Ullrich M, Kirk C, Soltani A, Küderle A, Gazit E, Salis F, Alcock L, Aminian K, Becker C, Bertuletti S, Brown P, Buckley E, Cantu A, Carsin AE, Caruso M, Caulfield B, Cereatti A, Chiari L, D'Ascanio I, Eskofier B, Fernstad S, Froehlich M, Garcia-Aymerich J, Hansen C, Hausdorff JM, Hiden H, Hume E, Keogh A, Kluge F, Koch S, Maetzler W, Megaritis D, Mueller A, Niessen M, Palmerini L, Schwickert L, Scott K, Sharrack B, Sillén H, Singleton D, Vereijken B, Vogiatzis I, Yarnall AJ, Rochester L, Mazzà C, Del Din S; Mobilise-D consortium.

J Neuroeng Rehabil. 2023 Jun 14;20(1):78. doi: 10.1186/s12984-023-01198-5.

<https://pubmed.ncbi.nlm.nih.gov/37316858/>

**Cost-effectiveness of personalised telehealth intervention for chronic disease management: A pilot randomised controlled trial.**

Mudiyansele SB, Stevens J, Toscano J, Kotowicz MA, Steinfort CL, Hayles R, Watts JJ.

PLoS One. 2023 Jun 15;18(6):e0286533. doi: 10.1371/journal.pone.0286533. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37319290/>

**Video Education Program for Proper use of Inhalation Devices in Elderly COPD Patients.**

Zhu H, Qin S, Wu M.

Clin Invest Med. 2023 Jun 28;46(2):E7-17. doi: 10.25011/cim.v46i2.40272.

<https://pubmed.ncbi.nlm.nih.gov/37379166/>

**Long-Term Usage and Improved Clinical Outcomes with Adoption of a COPD Digital Support Service: Key Findings from the RECEIVER Trial.**

Taylor A, Cushing A, Dow M, Anderson J, McDowell G, Lua S, Manthe M, Padmanabhan S, Burns S, McGinness P, Lowe DJ, Carlin C.

Int J Chron Obstruct Pulmon Dis. 2023 Jun 22;18:1301-1318. doi: 10.2147/COPD.S409116. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37378275/>

**PATIENT REPORTED OUTCOME MEASURES**

**PANDORA dyadic project: hope, spiritual well-being and quality of life of dyads of patients with chronic obstructive pulmonary disease in Switzerland - a multicentre longitudinal mixed-methods protocol study.**

Baptista Peixoto Befecadu F, Stirnemann J, Guerreiro I, Fusi-Schmidhauser T, Jaksic C, Larkin PJ, da Rocha Rodrigues G, Pautex S.

BMJ Open. 2023 May 12;13(5):e068340. doi: 10.1136/bmjopen-2022-068340.  
<https://pubmed.ncbi.nlm.nih.gov/37173103/>

**The use of patient-reported outcome measures by healthcare professionals in specialized asthma management centers in French-speaking Belgium: A mixed-methods study.**

Louis G, Voz B, Guillaume M, Kirkove D, Pétré B.  
Clin Transl Allergy. 2023 May;13(5):e12248. doi: 10.1002/clt2.12248.  
<https://pubmed.ncbi.nlm.nih.gov/37227417/>

**Cross-sectional validation of the COPD Assessment Test (CAT) among chronic obstructive pulmonary disease patients in rural Uganda.**

Batte C, Semulimi AW, Mutebi RK, Twinamasiko N, Muyama SR, Mukisa J, Atukunda I, Mukunya D, Kalyesubula R, Trishul S, Kirenga B.  
PLOS Glob Public Health. 2023 Jun 5;3(6):e0002013. doi: 10.1371/journal.pgph.0002013.  
eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37276227/>

**High burden of symptoms reported among patients diagnosed with chronic obstructive pulmonary disease (COPD) in Greenland after introducing the COPD Assessment Test in clinical practice.**

Nielsen MH, Lyngé AR, Pedersen ML.  
Int J Circumpolar Health. 2023 Dec;82(1):2220476. doi: 10.1080/22423982.2023.2220476.  
<https://pubmed.ncbi.nlm.nih.gov/37267504/>

**The COPD Assessment Test (CAT) and Depression: A Longitudinal Analysis During the COVID-19 Pandemic.**

Beech A, Singh D.  
Int J Chron Obstruct Pulmon Dis. 2023 Jun 13;18:1187-1195. doi: 10.2147/COPD.S405050.  
eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37332840/>

**Establishing the Validity of Using the COPD Assessment Test to Screen for Fatigue in People with Chronic Obstructive Pulmonary Disease Referred to Pulmonary Rehabilitation.**

Reizes Z, McNamara RJ, Dale M, McKeough Z.  
Phys Ther. 2023 Jun 17:pzad064. doi: 10.1093/ptj/pzad064. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37329503/>

**Factors associated with quality of life in patients receiving lung transplantation: a cross-sectional study.**

Takahashi R, Takahashi T, Okada Y, Kohzuki M, Ebihara S.  
BMC Pulm Med. 2023 Jun 23;23(1):225. doi: 10.1186/s12890-023-02526-0.  
<https://pubmed.ncbi.nlm.nih.gov/37353819/>

**INTERSTITIAL LUNG DISEASE**

**Contemporary Concise Review 2021: Interstitial lung disease.**

McCarthy C, Keane MP.  
Respirology. 2022 Jul;27(7):539-548. doi: 10.1111/resp.14278. Epub 2022 May 5.  
<https://pubmed.ncbi.nlm.nih.gov/35513341/>

**Exploration of the unmet needs of patients diagnosed with idiopathic pulmonary fibrosis: a scoping review protocol.**

Bramhill C, Langan D, Mulryan H, Eustace-Cook J, Russell AM, Brady AM.  
BMJ Open. 2023 May 2;13(5):e070513. doi: 10.1136/bmjopen-2022-070513.  
<https://pubmed.ncbi.nlm.nih.gov/37130693/>

**A Systematic Review and Meta-analysis of Clinical, Respiratory, and Biochemical Risk Factors for Acute Exacerbation of Idiopathic Pulmonary Fibrosis.**

Zinellu A, Fois AG, Pirina P, Carru C, Mangoni AA.  
Arch Med Res. 2023 May 1:S0188-4409(23)00058-9. doi: 10.1016/j.arcmed.2023.04.002.  
Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37137756/>

**The Burden and Impact of Cough in Patients with Idiopathic Pulmonary Fibrosis: An Analysis of the Prospective Observational PROFILE Study.**

Saunders P, Wu Z, Fahy WA, Stewart ID, Saini G, Smith DJF, Braybrooke R, Stock C, Renzoni EA, Johnson SR, Jenkins RG, Belvisi MG, Smith JA, Maher TM, Molyneaux PL.  
Ann Am Thorac Soc. 2023 May 9. doi: 10.1513/AnnalsATS.202302-174OC. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37159951/>

**The relative contribution of co-morbidities to health-related quality of life of people with idiopathic pulmonary fibrosis using the Assessment of Quality of Life-8-Dimension multi-attribute utility instrument.**

Zheng Q, Cox IA, de Graaff B, Campbell JA, Corte TJ, Glaspole I, Navaratnam V, Hopkins P, Zappala C, Ahmad H, Zhao T, Macansh S, Walters EH, Palmer AJ.  
Qual Life Res. 2023 Jun;32(6):1609-1619. doi: 10.1007/s11136-022-03331-8.  
<https://pubmed.ncbi.nlm.nih.gov/36572788/>

**Exertional Desaturation Is More Severe in Idiopathic Pulmonary Fibrosis Than in Other Interstitial Lung Diseases.**

Otake K, Misu S, Fujikawa T, Sakai H, Tomioka H.  
Phys Ther Res. 2023;26(1):32-37. doi: 10.1298/ptr.E10218. Epub 2023 Feb 14.  
<https://pubmed.ncbi.nlm.nih.gov/37181481/>

**Multiform-based Baduanjin exercise prevention and treatment for idiopathic pulmonary fibrosis: study protocol for a randomized controlled trial.**

Wu Z, Hu Z, Ke S, Mo L, Qiu M, Zhu G, Zhu W, Liu L.  
BMC Complement Med Ther. 2023 May 12;23(1):155. doi: 10.1186/s12906-023-03974-1.  
<https://pubmed.ncbi.nlm.nih.gov/37173702/>

**The relationship between interstitial lung abnormalities, mortality, and multimorbidity: a cohort study.**

Sanders JL, Axelsson G, Putman R, Menon A, Dupuis J, Xu H, Wang S, Murabito J, Vasan R, Araki T, Nishino M, Washko GR, Hatabu H, O'Connor G, Gudmundsson G, Gudnason V, Hunninghake GM.

Thorax. 2023 Jun;78(6):559-565. doi: 10.1136/thoraxjnl-2021-218315. Epub 2022 Jul 1.

<https://pubmed.ncbi.nlm.nih.gov/35777957/>

**Nocturnal hypoxemia associates with symptom progression and mortality in patients with progressive fibrotic interstitial lung disease.**

Myall KJ, West AG, Martinovic JL, Lam JL, Roque D, Wu Z, Maher TM, Molyneaux PL, Suh ES, Kent BD.

Chest. 2023 May 13:S0012-3692(23)00669-4. doi: 10.1016/j.chest.2023.05.013. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37187434/>

**Thoracic pain in patients with chronic interstitial lung disease-an underestimated symptom.**

Scherer MJ, Kampe S, Fredebeul-Beverungen J, Weinreich G, Costabel U, Bonella F.

Front Med (Lausanne). 2023 May 5;10:1147555. doi: 10.3389/fmed.2023.1147555. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37215705/>

**Characteristics of idiopathic pulmonary fibrosis -associated cough. a case-control study.**

Saari E, Mononen M, Hasala H, Lätti A, Kaulamo J, Nurmi H, Kaarteenaho R, Purokivi M, Koskela HO.

BMC Pulm Med. 2023 May 23;23(1):179. doi: 10.1186/s12890-023-02476-7.

<https://pubmed.ncbi.nlm.nih.gov/37221535/>

**Comparison of clinical scoring to predict mortality risk in mild-to-moderate idiopathic pulmonary fibrosis.**

Sonaglioni A, Caminati A, Elia D, Trevisan R, Zompatori M, Grasso E, Lombardo M, Harari S.

Minerva Med. 2023 May 19. doi: 10.23736/S0026-4806.23.08585-3. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37204783/>

**Mood disorder in idiopathic pulmonary fibrosis: response to pulmonary rehabilitation.**

Edwards GD, Polgar O, Patel S, Barker RE, Walsh JA, Harvey J, Man WD, Nolan CM.

ERJ Open Res. 2023 May 22;9(3):00585-2022. doi: 10.1183/23120541.00585-2022.

eCollection 2023 May.

<https://pubmed.ncbi.nlm.nih.gov/37228278/>

**Understanding patient experience of chronic cough in interstitial lung disease.**

Mann JMV, Holland AE, Goh NSL, Khor YH.

ERJ Open Res. 2023 May 22;9(3):00039-2023. doi: 10.1183/23120541.00039-2023.

eCollection 2023 May.

<https://pubmed.ncbi.nlm.nih.gov/37228271/>

**The relationship between perceived and performance fatigability in severe fibrotic interstitial lung disease: a prospective, cross-sectional study.**

Marillier M, Gruet M, Bernard AC, Verges S, Moran-Mendoza O, Neder JA.  
ERJ Open Res. 2023 May 9;9(3):00726-2022. doi: 10.1183/23120541.00726-2022.  
eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37228269/>

**External validation and longitudinal application of the DO-GAP index to individualise survival prediction in idiopathic pulmonary fibrosis.**

Chandel A, King CS, Ignacio RV, Pastre J, Shlobin OA, Khangoora V, Aryal S, Nyquist A, Singhal A, Flaherty KR, Nathan SD.  
ERJ Open Res. 2023 May 9;9(3):00124-2023. doi: 10.1183/23120541.00124-2023.  
eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37228268/>

**Treatable traits: a comprehensive precision medicine in interstitial lung disease.**

Khor YH, Cottin V, Holland AE, Inoue Y, McDonald VM, Oldham J, Renzoni EA, Russell AM, Streck ME, Ryerson CJ.  
Eur Respir J. 2023 Jun 1:2300404. doi: 10.1183/13993003.00404-2023. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37263752/>

**Interstitial lung disease: a decade of progress and hope.**

Adegunsoye A.  
Lancet Respir Med. 2023 Jun;11(6):510-512. doi: 10.1016/S2213-2600(23)00157-1.  
<https://pubmed.ncbi.nlm.nih.gov/37263711/>

**Clinical trial simulations in pulmonary fibrosis: patient-focused insights and adaptations.**

Jones S, Flewett M, Flewett R, Lee S, Vick B, Thompson M, Pinnett S, Zoz DF, Hoffmann-Vold AM, Kreuter M, Maher TM.  
ERJ Open Res. 2023 May 30;9(3):00602-2022. doi: 10.1183/23120541.00602-2022.  
eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37260456/>

**Respiratory and non-respiratory symptoms in patients with IPF or sarcoidosis and controls.**

Bloem AEM, Houben-Wilke S, Mostard RLM, Stoot N, Janssen DJA, Franssen FME, Custers JWH, Spruit MA.  
Heart Lung. 2023 Jun 1;61:136-146. doi: 10.1016/j.hrtlng.2023.05.013. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37269615/>

**An observational cohort study of interstitial lung abnormalities (ILAs) in a large Japanese health screening population (Kumamoto ILA study in Japan: KILA-J).**

Ichikado K, Ichiyasu H, Iyonaga K, Kawamura K, Higashi N, Johkoh T, Fujimoto K, Morinaga J, Yoshida M, Mitsuzaki K, Suga M, Tanabe N, Handa T, Hirai T, Sakagami T.  
BMC Pulm Med. 2023 Jun 8;23(1):199. doi: 10.1186/s12890-023-02455-y.  
<https://pubmed.ncbi.nlm.nih.gov/37291485/>

**Incidence and prevalence of interstitial lung diseases worldwide: a systematic literature review.**

Shah Gupta R, Koteci A, Morgan A, George PM, Quint JK.  
BMJ Open Respir Res. 2023 Jun;10(1):e001291. doi: 10.1136/bmjresp-2022-001291.  
<https://pubmed.ncbi.nlm.nih.gov/37308252/>

**Understanding the Physiological Endotypes Responsible for Co-Morbid Obstructive Sleep Apnea in Patients with Interstitial Lung Disease.**

Joosten SA, Landry SA, Mann DL, Sands SA, Ryerson CJ, Sidhu C, Hamilton GS, Howard ME, Edwards BA, Khor YH.  
Am J Respir Crit Care Med. 2023 Jun 13. doi: 10.1164/rccm.202301-0185LE. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37311238/>

**The Fatigue Severity Scale in Interstitial Lung Disease: An Energizing Endpoint.**

Wong AW, Johannson KA.  
Am J Respir Crit Care Med. 2023 Jun 13. doi: 10.1164/rccm.202305-0919ED. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37311236/>

**Dyspnea Associates With a Widely Impaired Quality of Life in Idiopathic Pulmonary Fibrosis Patients: A Longitudinal Study Using 15D.**

Rautajoki T, Lehto JT, Sutinen E, Bergman P, Sintonen H, Rajala K, Mäkelä K, Hollmen M, Saarto T, Myllärniemi M.  
J Palliat Med. 2023 Jun 27. doi: 10.1089/jpm.2022.0548. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37366772/>

**Use of 6-minute walk test for assessing severity of interstitial lung disease: an observational study.**

Hu ZW, Gao L, Yu Q, Jin Z, Liu JH, Lian YY, Que CL.  
Sarcoidosis Vasc Diffuse Lung Dis. 2023 Jun 29;40(2):e2023013. doi: 10.36141/svdl.v40i2.13991.  
<https://pubmed.ncbi.nlm.nih.gov/37382072/>

## ASTHMA

**Asthma control among treated US asthma patients in Practice Fusion's electronic medical record research database.**

Davitte J, DeBarmore B, Hinds D, Zhang S, Chao J, Sansbury L.  
NPJ Prim Care Respir Med. 2023 Apr 27;33(1):17. doi: 10.1038/s41533-023-00338-7.  
<https://pubmed.ncbi.nlm.nih.gov/37105985/>

**Assessment and therapeutic management of acute asthma: The approaches of nursing staff in patient care.**

Sun D, Sun P, Wang Z.  
Adv Clin Exp Med. 2023 May 4. doi: 10.17219/acem/161156. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37140015/>

**Global Disease Burden and Attributable Risk Factor Analysis of Asthma in 204 Countries and Territories From 1990 to 2019.**

Liu H, Zhang J, Liu L, Lian G, Shi R, Xu M, Yang J, Liu X.

Allergy Asthma Immunol Res. 2023 Apr 21. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37153981/>

**Symptoms of anxiety and depression in patients with persistent asthma: a cross-sectional analysis of the INSPIRERS studies.**

Simões Cunha M, Amaral R, Pereira AM, Almeida R, Alves-Correia M, Loureiro CC, Lopes C, Carvalho J, Ribeiro C, Vidal C, Antolín-Amérigo D, Pinto D, Ferreira-Magalhães M, Vasconcelos MJ, Lozoya C, Santos N, Cardia F, Taborda-Barata L, Ferreira R, Morais Silva P, Ferreira TM, Câmara R, Silva E, Bordalo D, Guimarães C, Calix MJ, da Silva S, Marques ML, Morete A, Nunes C, Vieira C, Páscoa R, Alves A, Marques JV, Reis B, Monteiro L, Monteiro R, Cepa M, Valentim B, Coelho DS, Fernandes S, Meireles P, Aguiar MA, Mourão AR, Fonseca JA, Jácome C.

BMJ Open. 2023 May 5;13(5):e068725. doi: 10.1136/bmjopen-2022-068725.

<https://pubmed.ncbi.nlm.nih.gov/37147092/>

**Ethnic variation in asthma healthcare utilisation and bation: systematic review and meta-analysis.**

Akin-Imran A, Bajpai A, McCartan D, Heaney LG, Kee F, Redmond C, Busby J.

ERJ Open Res. 2023 May 2;9(3):00591-2022. doi: 10.1183/23120541.00591-2022.

<https://pubmed.ncbi.nlm.nih.gov/37143831/>

**The ATLAS ASMA Study: Assessing the Impact of Asthma on Patients' Life - The Spanish Patients' Perspective.**

Dominguez-Ortega J, Plaza V, Nieto A, Delgado Romero J, Ancochea J, Mejia N, Pastor M, Blanco-Aparicio M.

J Asthma Allergy. 2023 May 3;16:461-471. doi: 10.2147/JAA.S404525. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37163179/>

**Under-perception of airflow limitation, self-efficacy, and beliefs in older adults with asthma.**

Feldman JM, Arcoleo K, Greenfield N, Styke S, Becker J, Jariwala S, Federman AD, Wisnivesky JP.

J Psychosom Res. 2023 May 3;170:111353. doi: 10.1016/j.jpsychores.2023.111353. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37178474/>

**Effects of Oxidative Stress on Airway Epithelium Permeability in Asthma and Potential Implications for Patients with Comorbid Obesity.**

Kim HR, Ingram JL, Que LG.

J Asthma Allergy. 2023 May 6;16:481-499. doi: 10.2147/JAA.S402340. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37181453/>

**Medication Adherence in People with Asthma: A Qualitative Systematic Review of Patient and Health Professional Perspectives.**



Zhang X, Ding R, Zhang Z, Chen M, Yin Y, Quint JK.  
J Asthma Allergy. 2023 May 9;16:515-527. doi: 10.2147/JAA.S407552. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37193110/>

**The prevalence of multiple chronic conditions and medical burden in asthma patients.**

Jo EJ, Lee YU, Kim A, Park HK, Kim C.  
PLoS One. 2023 May 18;18(5):e0286004. doi: 10.1371/journal.pone.0286004. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37200347/>

**Longitudinal Asthma Phenotypes from Childhood to Middle-Age: A Population-based Cohort Study.**

Tan DJ, Lodge CJ, Walters EH, Lowe AJ, Bui DS, Bowatte G, Pham J, Erbas B, Hui J, Hamilton GS, Thomas PS, Hew M, Washko G, Wood-Baker R, Abramson MJ, Perret JL, Dharmage SC.  
Am J Respir Crit Care Med. 2023 May 20. doi: 10.1164/rccm.202208-1569OC. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37209134/>

**Severity and phenotypes of dyspnea in asthma: Impact of comorbidities.**

Bouso A, Chuffart C, Leroy M, Gicquello A, Cottureau A, Hennegrave F, Beurnier A, Stoup T, Pereira S, Morelot-Panzini C, Taille C, Bautin N, Fry S, Perez T, Garcia G, Chenivresse C.  
Respir Med. 2023 May 20:107276. doi: 10.1016/j.rmed.2023.107276. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37217082/>

**Impact of asthma on working life: an analysis of the French CONSTANCES cohort.**

Provost D, Delmas MC, Bénézet L, Ribet C, Chesneau J, Raheison C, Goldberg M, Dumas O, Le Moual N, Iwatsubo Y.  
Occup Environ Med. 2023 May 25:oemed-2022-108671. doi: 10.1136/oemed-2022-108671. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37230753/>

**Asthma as risk for incident cardiovascular disease and its subtypes.**

Hirata T.  
Hypertens Res. 2023 May 25. doi: 10.1038/s41440-023-01328-5. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37231166/>

**Comparison of the Asthma Control Questionnaire and patient diaries in uncontrolled asthma.**

Singh D, Papi A, Brusselle G, Virchow JC, Canonica GW, Topole E, Vele A, Georges G.  
ERJ Open Res. 2023 May 22;9(3):00104-2023. doi: 10.1183/23120541.00104-2023. eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37228265/>

**Psychological distress and symptom-related burnout in asthma during the COVID-19 pandemic.**

Salsman ML, Nordberg HO, Howell J, Berthet-Miron MM, Rosenfield D, Ritz T.  
J Behav Med. 2023 May 25. doi: 10.1007/s10865-023-00412-y. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37227673/>

**Frequency and functional consequences of low appendicular lean mass and sarcopenic obesity in patients with asthma referred for pulmonary rehabilitation.**

Meys R, Machado F, Spruit MA, Stoffels A, van Hees H, van den Borst B, Klijn P, Burtin C, Pitta F, Franssen F.

Obes Facts. 2023 May 25. doi: 10.1159/000531196. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37232056/>

**GINA Implementation Improves Asthma Symptoms Control and Lung Function: A Five-Year Real-World Follow-Up Study.**

Tho NV, Quan VTT, Dung DV, Phu NH, Dinh-Xuan AT, Lan LTT.

J Pers Med. 2023 May 10;13(5):809. doi: 10.3390/jpm13050809.

<https://pubmed.ncbi.nlm.nih.gov/37240979/>

**Inflammatory bowel disease and asthma. Results from the RHINE study.**

Kisiel MA, Sedvall M, Malinovsky A, Franklin KA, Gislason T, Shlunssen V, Johansson A, Modig L, Jogi R, Holm M, Svanes C, Lindholdt L, Carlson M, Janson C.

Respir Med. 2023 Jun 2:107307. doi: 10.1016/j.rmed.2023.107307. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37271300/>

**Advances in the work of multidisciplinary teams for the care of patients with severe uncontrolled asthma. A post-COVID vision (TEAM 2.0 project).**

Climente-Martí M, Alvarado-Arenas M, Ausín-Herrero P, Benito-Bernáldez C, Carballo-Martínez N, Delgado-Romero J; Equipo del Proyecto TEAM 2.0 (Trabajo en Equipos de Asma Multidisciplinares).

Farm Hosp. 2023 May 31:S1130-6343(23)00023-5. doi: 10.1016/j.farma.2023.03.003. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37268480/>

**Cluster analysis of Finnish population-based adult-onset asthma patients.**

Ilmarinen P, Julkunen-Iivari A, Lundberg M, Luukkainen A, Nuutinen M, Karjalainen J, Huhtala H, Pekkanen J, Kankaanranta H, Toppila-Salmi S.

J Allergy Clin Immunol Pract. 2023 May 31:S2213-2198(23)00598-6. doi: 10.1016/j.jaip.2023.05.034. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37268268/>

**Extreme weather and asthma: a systematic review and meta-analysis.**

Makrufardi F, Manullang A, Rusmawatingtyas D, Chung KF, Lin SC, Chuang HC.

Eur Respir Rev. 2023 Jun 7;32(168):230019. doi: 10.1183/16000617.0019-2023. Print 2023 Jun 30.

<https://pubmed.ncbi.nlm.nih.gov/37286218/>

**Obesity associates with increased all-cause and cardiovascular mortality in adults with asthma.**

Sturesson A, Hedman L, Stridsman C, Lindberg A, Rönmark E, Backman H.

Respir Med. 2023 Jun 4:107301. doi: 10.1016/j.rmed.2023.107301. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37279801/>

**Assessing the interrelationship between asthma and obesity self-management behaviors.**

Agrawal N, Lin JL, Ankam J, Holguin F, Wisnivesky JP, Federman A.

J Behav Med. 2023 Jun 6. doi: 10.1007/s10865-023-00424-8. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37278861/>

**Sleepwalking towards more harm from asthma.**

Jenkins CR, Bardin PG, Blakey J, Hancock KL, Gibson P, McDonald VM.

Med J Aust. 2023 Jun 12. doi: 10.5694/mja2.52000. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37308167/>

**Risk factors for depression in asthmatic individuals: Findings from NHANES (2005-2018).**

Yang H, Lin P, Liang Z.

PLoS One. 2023 Jun 15;18(6):e0287336. doi: 10.1371/journal.pone.0287336. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37319249/>

**Symptom Burden, Health Status, and Productivity in Patients with Uncontrolled and Controlled Severe Asthma in NOVELTY.**

Ding B, Chen S, Srivastava D, Quinton A, Cook W, Papi A, Reddel HK; List of NOVELTY Scientific Community members; List of NOVELTY study investigators.

J Asthma Allergy. 2023 Jun 11;16:611-624. doi: 10.2147/JAA.S401445. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37334017/>

**Cough and cough hypersensitivity as treatable traits of asthma.**

Lai K, Satia I, Song WJ, Wang G, Niimi A, Pattemore P, Chang AB, Gibson PG, Chung KF.

Lancet Respir Med. 2023 Jun 16:S2213-2600(23)00187-X. doi: 10.1016/S2213-2600(23)00187-X. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37336227/>

**An electronic shared decision-making app to improve asthma outcomes: a randomized controlled trial.**

Lee DL, Hammond JW, Finkel K, Gardner DD, Nelson B, Baptist AP.

J Allergy Clin Immunol Pract. 2023 Jun 15:S2213-2198(23)00660-8. doi: 10.1016/j.jaip.2023.06.016. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37329951/>

**Exercise and physical activity for asthma management: The European Academy of Allergy and Clinical Immunology perspective.**

Price OJ, Del Giacco S, Gawlik R, Janson C, Odemyr M, Papadopoulos NG, Bonini M.

Allergy. 2023 Jun 20. doi: 10.1111/all.15789. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37340667/>

**Phase angle in assessment and monitoring treatment of individuals with respiratory disease.**

De Benedetto F, Marinari S, De Blasio F.

Rev Endocr Metab Disord. 2023 Jun;24(3):491-502. doi: 10.1007/s11154-023-09786-5. Epub 2023 Jan 25.

<https://pubmed.ncbi.nlm.nih.gov/36694055/>

**Metabolic Syndrome among Stable Chronic Obstructive Pulmonary Disease Patients Visiting Outpatient Department of a Tertiary care centre: A Descriptive Cross-sectional Study.**

Baniya S, Shrestha TM, Pant P, Acharya RP.

JNMA J Nepal Med Assoc. 2023 Apr 1;61(260):355-358. doi: 10.31729/jnma.7719.

<https://pubmed.ncbi.nlm.nih.gov/37208891/>

**The role of diet and nutrition in the management of COPD.**

Beijers RJHCG, Steiner MC, Schols AMWJ.

Eur Respir Rev. 2023 Jun 7;32(168):230003. doi: 10.1183/16000617.0003-2023. Print 2023 Jun 30.

<https://pubmed.ncbi.nlm.nih.gov/37286221/>

**Associations of the inflammatory diet index and smoking status with the risk of chronic obstructive pulmonary disease and lung cancer.**

Lin J, Yang R, Zhang S, Li H, Li S, Yang H, Ma Y, Wang Y.

Food Funct. 2023 Jun 15. doi: 10.1039/d2fo03429h. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37318091/>

**The Relationship Between Prognostic Nutritional Indexes and the Clinical Outcomes of Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease.**

Yuan FZ, Xing YL, Xie LJ, Yang DL, Shui W, Niu YY, Zhang X, Zhang CR.

Int J Chron Obstruct Pulmon Dis. 2023 Jun 12;18:1155-1167. doi: 10.2147/COPD.S402717. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37332836/>

**Healthy eating index (HEI) as the predictor of asthma: Findings from NHANES.**

Li Y, He Z, Lin Z, Bai J, Adcock IM, Yao X.

Clin Nutr ESPEN. 2023 Aug;56:158-165. doi: 10.1016/j.clnesp.2023.05.013. Epub 2023 May 25.

<https://pubmed.ncbi.nlm.nih.gov/37344067/>

**Targeting Skeletal Muscle Dysfunction With L-Carnitine for the Treatment of Patients With Chronic Obstructive Pulmonary Disease.**

Hoang BX, Han BO, Fang WH, Nguyen AK, Shaw DG, Hoang C, Tran HD.

In Vivo. 2023 Jul-Aug;37(4):1399-1411. doi: 10.21873/invivo.13224.

<https://pubmed.ncbi.nlm.nih.gov/37369514/>

**Systematic Review of Models of Effective Community Specialist Palliative Care Services for Evidence of Improved Patient-Related Outcomes, Equity, Integration, and Health Service Utilization.**

Iupati S, Stanley J, Egan R, MacLeod R, Davies C, Spence H, Iupati D, Middlemiss T, Gwynne-Robson I.

J Palliat Med. 2023 May 25. doi: 10.1089/jpm.2022.0461. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37366688/>

**European Respiratory Society Clinical Practice Guideline: Palliative care for people with chronic obstructive pulmonary disease or interstitial lung disease.**

Janssen DJA, Bajwah S, Boon MH, Coleman C, Currow DC, Devillers A, Vandendungen C, Ekström M, Flewett R, Greenley S, Guldin MB, Jácome C, Johnson MJ, Kurita GP, Maddocks M, Marques A, Pinnock H, Simon ST, Tonia T, Marsaa K.

Eur Respir J. 2023 Jun 8;2202014. doi: 10.1183/13993003.02014-2022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37290789/>

## COMORBID CONDITIONS

**Cognitive decline and risk of dementia in older adults after diagnosis of chronic obstructive pulmonary disease.**

Rosso A, Månsson T, Egervall K, Elmståhl S, Overton M.

NPJ Prim Care Respir Med. 2023 May 13;33(1):20. doi: 10.1038/s41533-023-00342-x.

<https://pubmed.ncbi.nlm.nih.gov/37179395/>

**Association Between Comorbid Psychiatric Disorders and Persistent Smoking After a Diagnosis of Chronic Obstructive Pulmonary Disease Among Patients Seeking Treatment at a Tertiary Care Hospital in India.**

Uikey MS, Dayal P.

Cureus. 2023 Apr 17;15(4):e37688. doi: 10.7759/cureus.37688. eCollection 2023 Apr.

<https://pubmed.ncbi.nlm.nih.gov/37206529/>

**Functional capacity and inflammatory biomarkers as predictors for right atrial volume index in COPD patients.**

Khedr L, Khedr NF, Werida RH.

Int J Cardiovasc Imaging. 2023 May 22. doi: 10.1007/s10554-023-02871-5. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37217717/>

**Decreased Cardiac Autonomic Function is Associated with Higher Exacerbation Risk and Symptom Burden in Chronic Obstructive Pulmonary Disease.**

Raju S, Woo H, Fawzy A, Putcha N, Balasubramanian A, Mathai SC, Berger RD, Hansel NN, McCormack MC.

Chronic Obstr Pulm Dis. 2023 Jun 2. doi: 10.15326/jcopdf.2023.0410. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37267605/>

**Exercise oscillatory ventilation in patients with coexisting chronic obstructive pulmonary disease and heart failure: Clinical implications.**

Goulart CDL, Silva RN, Agostoni P, Franssen FME, Myers J, Arena R, Borghi-Silva A.  
Respir Med. 2023 Jun 23:107332. doi: 10.1016/j.rmed.2023.107332. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37356636/>

**EXACERBATIONS / HOSPITALISATIONS / MORTALITY**

**Trends in prevalence and the effects on hospital outcomes of dementia in patients hospitalized with acute COPD exacerbation.**

de Miguel-Diez J, Lopez-de-Andres A, Jimenez-Garcia R, Hernández-Barrera V, Carabantes-Alarcon D, Zamorano-Leon JJ, Omaña-Palanco R, González-Barcala FJ, Cuadrado-Corrales N.  
Respir Med. 2023 Jun;212:107223. doi: 10.1016/j.rmed.2023.107223.  
<https://pubmed.ncbi.nlm.nih.gov/36965589/>

**The Experiences of Individuals With a History of Acute Exacerbations of COPD and Their Thoughts on Death: Empirical Qualitative Research.**

Ceyhan Y.  
Chronic Obstr Pulm Dis. 2023 May 3. doi: 10.15326/jcopdf.2022.0389. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37140940/>

**Association of Prefrailty and Frailty With All-Cause Mortality, Acute Exacerbation, and Hospitalization in Patients With Chronic Obstructive Pulmonary Disease: A Meta-Analysis.**

Xu J, Xu W, Qiu Y, Gong D, Man C, Fan Y.  
J Am Med Dir Assoc. 2023 May 4:S1525-8610(23)00324-9. doi:  
10.1016/j.jamda.2023.03.032. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37150209/>

**Is One Exacerbation Enough to Modify Therapy in COPD?**

Mannino DM.  
Am J Respir Crit Care Med. 2023 May 11. doi: 10.1164/rccm.202304-0783ED. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37167624/>

**FVC/DLCO identifies pulmonary hypertension and predicts 5-year all-cause mortality in patients with COPD.**

Li Y, Zhang R, Shan H, Shi W, Feng X, Chen H, Yang X, Li Y, Zhang J, Zhang M.  
Eur J Med Res. 2023 May 15;28(1):174. doi: 10.1186/s40001-023-01130-6.  
<https://pubmed.ncbi.nlm.nih.gov/37183240/>

**EXACerbations of COPD and their OutcomeS on CardioVascular diseases (EXACOS-CV) Programme: protocol of multicountry observational cohort studies.**

Nordon C, Rhodes K, Quint JK, Vogelmeier CF, Simons SO, Hawkins NM, Marshall J, Ouwens M, Garbe E, Müllerová H.  
BMJ Open. 2023 Apr 26;13(4):e070022. doi: 10.1136/bmjopen-2022-070022.

<https://pubmed.ncbi.nlm.nih.gov/37185641/>

**A Novel Metabolic Score for Predicting the Acute Exacerbation in Patients with Chronic Obstructive Pulmonary Disease.**

Peng L, You H, Xu MY, Dong ZY, Liu M, Jin WJ, Zhou C.

Int J Chron Obstruct Pulmon Dis. 2023 May 5;18:785-795. doi: 10.2147/COPD.S405547. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37180750/>

**Association of rural living with COPD-related hospitalizations and deaths in US veterans.**

Fortis S, Gao Y, Baldomero AK, Sarrazin MV, Kaboli PJ.

Sci Rep. 2023 May 16;13(1):7887. doi: 10.1038/s41598-023-34865-7.

<https://pubmed.ncbi.nlm.nih.gov/37193770/>

**Microalbuminuria on admission for acute exacerbation of COPD as a predictor of all-cause mortality and future exacerbations.**

Bartziokas K, Kyriakopoulos C, Dounousi E, Kostikas K.

Postgrad Med J. 2023 May 19;99(1169):189-197. doi: 10.1136/postgradmedj-2021-141206.

<https://pubmed.ncbi.nlm.nih.gov/37222052/>

**Predictors of poor clinical outcomes including in-hospital death and low ability to perform activities of daily living at discharge in hospitalized patients with chronic obstructive pulmonary disease exacerbation.**

Murakami Y, Yasui H, Sato J, Uto T, Inui N, Suda T, Imokawa S.

Ther Adv Respir Dis. 2023 Jan-Dec;17:17534666231172924. doi: 10.1177/17534666231172924.

<https://pubmed.ncbi.nlm.nih.gov/37218674/>

**Ottawa Risk Scale in Predicting the Outcome of Chronic Obstructive Pulmonary Disease Exacerbation in Emergency Department; a Diagnostic Accuracy Study.**

Alavi-Moghaddam M, Partovinezhad H, Dasdar S, Farjad M.

Arch Acad Emerg Med. 2023 Apr 9;11(1):e32. doi: 10.22037/aaem.v11i1.2023. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37215238/>

**Application of the Rome severity classification of COPD exacerbations in a real-world cohort of hospitalised patients.**

Reumkens C, Endres A, Simons SO, Savelkoul PHM, Sprooten RTM, Franssen FME.

ERJ Open Res. 2023 May 15;9(3):00569-2022. doi: 10.1183/23120541.00569-2022. eCollection 2023 May.

<https://pubmed.ncbi.nlm.nih.gov/37228266/>

**COPD Exacerbation: Why It Is Important to Avoid ICU Admission.**

Prediletto I, Giancotti G, Nava S.

J Clin Med. 2023 May 9;12(10):3369. doi: 10.3390/jcm12103369.

<https://pubmed.ncbi.nlm.nih.gov/37240474/>

**Risk Factors of Readmission Within 90 Days for Chronic Obstructive Pulmonary Disease Patients with Frailty and Construction of an Early Warning Model.**

Li J, Ma X, Zeng X, Zhou C, Zhu T.

Int J Chron Obstruct Pulmon Dis. 2023 May 23;18:975-984. doi: 10.2147/COPD.S400638. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37251701/>

**Are We Missing the Opportunity to Disseminate GOLD Recommendations Through AECOPD Discharge Letters?**

Vukić Dugac A, Vergles M, Škrinjarić Cincar S, Bulat Kardum L, Lampalo M, Popović-Grle S, Ostojić J, Tokić Vuksan-Ćusa T, Vrbica Ž, Lozo Vukovac E, Tudorić N.

Int J Chron Obstruct Pulmon Dis. 2023 May 26;18:985-993. doi: 10.2147/COPD.S408307. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37260546/>

**Mortality and readmission risk for hospitalised patients with acute exacerbation of COPD with and without spirometric obstruction: a longitudinal observational study in China.**

Ren X, Wang Y, He R, Dong F, Liu D, Yang T, Wang C.

BMJ Open. 2023 Jun 5;13(6):e071560. doi: 10.1136/bmjopen-2023-071560.

<https://pubmed.ncbi.nlm.nih.gov/37277221/>

**Breathlessness and exercise performance to predict mortality in long-term oxygen therapy - The population-based DISCOVERY study.**

Björklund F, Palm A, Gorani JA, Ahmadi Z, Sundh J, Theorell-Haglöw J, Ljunggren M, Grote L, Wadell K, Ekström M.

Respir Med. 2023 Jun 5:107306. doi: 10.1016/j.rmed.2023.107306. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37286141/>

**Outcomes of hospitalized patients with COPD exacerbation with bronchiectasis compared to COPD exacerbation and bronchiectasis exacerbation patients.**

Baig SH, Stephen MJ.

Am J Med Sci. 2023 Jul;366(1):76-78. doi: 10.1016/j.amjms.2023.04.001. Epub 2023 Apr 10.

<https://pubmed.ncbi.nlm.nih.gov/37040828/>

**Prognostic Nutritional Index (PNI) as a Potential Prognostic Tool for Exacerbation of COPD in Elderly Patients.**

Suzuki E, Kawata N, Shimada A, Sato H, Anazawa R, Suzuki M, Shiko Y, Yamamoto M, Ikari J, Tatsumi K, Suzuki T.

Int J Chron Obstruct Pulmon Dis. 2023 Jun 7;18:1077-1090. doi: 10.2147/COPD.S385374. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37309393/>

**Impact of offspring and their educational level on readmission and death among older adults with chronic obstructive pulmonary disease: a nationwide cohort study using multistate survival models.**

Sloth MMB, Neble Larsen E, Godtfredsen NS, Osler M, Jørgensen TSH.



J Epidemiol Community Health. 2023 Jun 13;jech-2022-220243. doi: 10.1136/jech-2022-220243. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37311624/>

**Association between antidepressants with pneumonia and exacerbation in patients with COPD: a self-controlled case series (SCCS).**

Siraj RA, Bolton CE, McKeever TM.

Thorax. 2023 Jun 19;thorax-2022-219736. doi: 10.1136/thorax-2022-219736. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37336642/>

**All-Cause, Cardiovascular and Respiratory Mortality in People with Type 2 Diabetes and Chronic Obstructive Pulmonary Disease (COPD) in England: A Cohort Study Using the Clinical Practice Research Datalink (CPRD).**

Raslan AS, Quint JK, Cook S.

Int J Chron Obstruct Pulmon Dis. 2023 Jun 13;18:1207-1218. doi: 10.2147/COPD.S407085. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37332839/>

**Value of integrated pulmonary index to predict exacerbation of chronic obstructive pulmonary Disease's severity.**

Karaarslan FN, Öztürk ZS, Işık GÇ, Çevik Y.

Am J Emerg Med. 2023 Jun 8;71:54-58. doi: 10.1016/j.ajem.2023.05.043. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37331230/>

**Cause-specific mortality in COPD subpopulations: a cohort study of 339 647 people in England.**

Whittaker H, Rothnie KJ, Quint JK.

Thorax. 2023 Jun 16;thorax-2022-219320. doi: 10.1136/thorax-2022-219320. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37328279/>

**Enhancing potential impact of hospital discharge interventions for patients with COPD: a qualitative systematic review.**

Nygård T, Wright D, Nazar H, Haavik S.

BMC Health Serv Res. 2023 Jun 22;23(1):684. doi: 10.1186/s12913-023-09712-0.

<https://pubmed.ncbi.nlm.nih.gov/37349764/>

**Acute exacerbation of chronic obstructive pulmonary disease in United States emergency departments, 2010-2018.**

Liew CQ, Hsu SH, Ko CH, Chou EH, Herrala J, Lu TC, Wang CH, Huang CH, Tsai CL.

BMC Pulm Med. 2023 Jun 20;23(1):217. doi: 10.1186/s12890-023-02518-0.

<https://pubmed.ncbi.nlm.nih.gov/37340379/>

**Validation of the Rome proposal for severity of acute exacerbation of chronic obstructive pulmonary disease.**

Lee HJ, Lee JK, Park TY, Heo EY, Kim DK, Lee HW.  
Ther Adv Respir Dis. 2023 Jan-Dec;17:17534666231172917. doi:  
10.1177/17534666231172917.  
<https://pubmed.ncbi.nlm.nih.gov/37338152/>

**Cardiovascular Autonomic Function and Incident COPD Hospitalizations in ARIC.**

MacDonald DM, Ji Y, Adabag S, Alonso A, Chen LY, Henkle BE, Juraschek S, Norby FL, Lutsey PL, Kunisaki KM.  
Ann Am Thorac Soc. 2023 Jun 26. doi: 10.1513/AnnalsATS.202211-964OC. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37364277/>

**COVID-19**

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

**Impact of COVID-19 on Hospital Admissions, Health Status, and Behavioral Changes of Patients with COPD.**

Pappe E, Hammerich R, Saccomanno J, Sgarbossa T, Pohrt A, Schmidt B, Grah C, Eisenmann S, Holland A, Eggeling S, Stanzel F, Witzzenrath M, Hübner RH.  
Chronic Obstr Pulm Dis. 2023 May 3. doi: 10.15326/jcopdf.2022.0383. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37140947/>

**Respiratory disorders and their association with clinical outcomes in COVID-19: a narrative review of current literature.**

Venkat DG, Badr MS.  
Ann Palliat Med. 2023 May 8:apm-22-1427. doi: 10.21037/apm-22-1427. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37164968/>

**Respiratory sequelae of COVID-19: pulmonary and extrapulmonary origins, and approaches to clinical care and rehabilitation.**

Singh SJ, Baldwin MM, Daynes E, Evans RA, Greening NJ, Jenkins RG, Lone NI, McAuley H, Mehta P, Newman J, Novotny P, Smith DJF, Stanel S, Toshner M, Brightling CE.  
Lancet Respir Med. 2023 May 19:S2213-2600(23)00159-5. doi: 10.1016/S2213-2600(23)00159-5. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37216955/>

**Experiences of improvement of everyday life following a rehabilitation programme for people with long-term cognitive effects of COVID-19: Qualitative study.**

Raunkiaer M, Joergensen DS, Rasmussen A, Johannesen G, Thuesen J, Elnegaard CM, Dupont SB.  
J Clin Nurs. 2023 May 24. doi: 10.1111/jocn.16739. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37222026/>

**Effectiveness of a telerehabilitation intervention using ReCOVery APP of long COVID patients: a randomized, 3-month follow-up clinical trial.**

Samper-Pardo M, León-Herrera S, Oliván-Blázquez B, Méndez-López F, Domínguez-García M, Sánchez-Recio R.

Sci Rep. 2023 May 16;13(1):7943. doi: 10.1038/s41598-023-35058-y.

<https://pubmed.ncbi.nlm.nih.gov/37193738/>

**Symptoms burden and rehabilitation preference after an episode of COVID-19: A patients survey.**

Alhotye M, Daynes E, Gerlis C, Singh SJ.

Chron Respir Dis. 2023 Jan-Dec;20:14799731231177316. doi: 10.1177/14799731231177316.

<https://pubmed.ncbi.nlm.nih.gov/37192536/>

**Year in Review: Long COVID and Pulmonary Rehabilitation.**

Burnett DM, Skinner CE.

Respir Care. 2023 Jun;68(6):846-851. doi: 10.4187/respcare.10928. Epub 2023 Apr 25.

<https://pubmed.ncbi.nlm.nih.gov/37185117/>

**Effects of a 16-week home-based exercise training programme on health-related quality of life, functional capacity, and persistent symptoms in survivors of severe/critical COVID-19: a randomised controlled trial.**

Longobardi I, Goessler K, de Oliveira Júnior GN, Prado DMLD, Santos JVP, Meletti MM, de Andrade DCO, Gil S, Boza JASO, Lima FR, Gualano B, Roschel H.

Br J Sports Med. 2023 May 10;bjssports-2022-106681. doi: 10.1136/bjssports-2022-106681.

Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37164620/>

**Use of symptom-guided physical activity and exercise rehabilitation for COVID-19 and other postviral conditions.**

Ladlow P, Barker-Davies R, Hill O, Conway D, O'Sullivan O.

BMJ Mil Health. 2023 May 3:e002399. doi: 10.1136/military-2023-002399. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37137489/>

**Multiple manifestations of uncontrolled asthma increase the risk of severe COVID-19.**

Selberg S, Karlsson Sundbaum J, Konradsen JR, Backman H, Hedman L, Lindberg A, Stridsman C.

Respir Med. 2023 Jun 2:107308. doi: 10.1016/j.rmed.2023.107308. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37271301/>

**Randomised, controlled, open-label pragmatic trial evaluating changes in functional exercise capacity after primary care PULmonary REhabilitation in patients with long COVID: protocol of the PuRe-COVID trial in Belgium.**

Volckaerts T, Vissers D, Burtin C, Van Meerbeeck X, de Soomer K, Oostveen E, Claes K,

Roelant E, Verhaegen I, Thomeer M, Criel M, Quadflieg K, Cops D, Rutters D, Lapperre TS.

BMJ Open. 2023 Jun 2;13(6):e071098. doi: 10.1136/bmjopen-2022-071098.

<https://pubmed.ncbi.nlm.nih.gov/37270195/>

**Development of a Definition of Postacute Sequelae of SARS-CoV-2 Infection.**

Thaweethai T et al. RECOVER Consortium

JAMA. 2023 May 25:e238823. doi: 10.1001/jama.2023.8823. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37278994/>

**Improved clinical outcomes in response to a 12-week blended digital and community-based long-COVID-19 rehabilitation programme.**

Smith JL, Deighton K, Innes AQ, Holl M, Mould L, Liao Z, Doherty P, Whyte G, King JA, Deniszczyc D, Kelly BM.

Front Med (Lausanne). 2023 May 24;10:1149922. doi: 10.3389/fmed.2023.1149922. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37293307/>

**The Complex Association between COPD and COVID-19.**

Awatade NT, Wark PAB, Chan ASL, Mamun SMAA, Mohd Esa NY, Matsunaga K, Rhee CK, Hansbro PM, Sohal SS, On Behalf Of The Asian Pacific Society Of Respiriology Apsr Copd Assembly.

J Clin Med. 2023 May 31;12(11):3791. doi: 10.3390/jcm12113791.

<https://pubmed.ncbi.nlm.nih.gov/37297985/>

**Rehabilitative interventions in patients with persistent post COVID-19 symptoms-a review of recent advances and future perspectives.**

Gloeckl R, Leitl D, Schneeberger T, Jarosch I, Koczulla AR.

Eur Arch Psychiatry Clin Neurosci. 2023 Jun 16. doi: 10.1007/s00406-023-01631-9. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37326700/>

**Clinical effectiveness of rehabilitation in ambulatory care for patients with persisting symptoms after COVID-19: a systematic review.**

Dillen H, Bekkering G, Gijsbers S, Vande Weygaerde Y, Van Herck M, Haesevoets S, Bos DAG, Li A, Janssens W, Gosselink R, Troosters T, Verbakel JY.

BMC Infect Dis. 2023 Jun 21;23(1):419. doi: 10.1186/s12879-023-08374-x.

<https://pubmed.ncbi.nlm.nih.gov/37344767/>

**Ventilation dynamics using a portable device coupled to the six-minute walk test in people with long-COVID syndrome: a preliminary study.**

Oliveira JGM, Campos RP, Azevedo BLPA, de Alegria SG, Litrento PF, Mafort TT, Lopes AJ.

BMC Res Notes. 2023 Jun 8;16(1):99. doi: 10.1186/s13104-023-06374-3.

<https://pubmed.ncbi.nlm.nih.gov/37291610/>

**Effectiveness of exercise training on the dyspnoea of individuals with long COVID: A randomised controlled multicentre trial.**

Romanet C, Wormser J, Fels A, Lucas P, Prudat C, Sacco E, Bruel C, Plantefève G, Pene F, Chatellier G, Philippart F.

Ann Phys Rehabil Med. 2023 Jun 2;66(5):101765. doi: 10.1016/j.rehab.2023.101765. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37271020/>

**Pre- and post-vaccination characteristics and risk factors for COVID-19 outcomes in a Swedish population-based cohort of COPD patients.**

Kirui BK, Santosa A, Vanfleteren LEGW, Li H, Franzén S, Stridsman C, Nyberg F.  
ERJ Open Res. 2023 Jun 26;9(3):00711-2022. doi: 10.1183/23120541.00711-2022.  
eCollection 2023 May.

<https://pubmed.ncbi.nlm.nih.gov/37377661/>

**Additive benefit of rehabilitation on physical status, symptoms and mental health after hospitalisation for severe COVID-19 pneumonia.**

Asimakos A, Spetsioti S, Mavronasou A, Gounopoulos P, Siousioura D, Dima E, Gianniou N, Sigala I, Zakyntinos G, Kotanidou A, Vogiatzis I, Katsaounou P.  
BMJ Open Respir Res. 2023 Jun;10(1):e001377. doi: 10.1136/bmjresp-2022-001377.

<https://pubmed.ncbi.nlm.nih.gov/37385736/>

**PERSPECTIVES / STATEMENTS / EDITORIALS**

**Skeletal Muscle Weakness: A Novel Treatable Trait in Asthma?**

Kankaanranta H, Ilmarinen P.

J Allergy Clin Immunol Pract. 2023 May;11(5):1448-1449. doi: 10.1016/j.jaip.2023.02.015.

<https://pubmed.ncbi.nlm.nih.gov/37150546/>

**Maintenance programmes following pulmonary rehabilitation in idiopathic pulmonary fibrosis: exercise, drugs and rock n' roll.**

Nolan CM.

Thorax. 2023 May 5;thorax-2023-220229. doi: 10.1136/thorax-2023-220229. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37147125/>

**Improving Outcomes in Difficult Asthma: Watch and Weight.**

Diver S, Green RH.

Chest. 2023 May;163(5):999-1000. doi: 10.1016/j.chest.2023.03.023.

<https://pubmed.ncbi.nlm.nih.gov/37164582/>

**Looking Beyond BMI Classifications With Complementary Assessment of Body Composition in COPD.**

Rozenberg D, Maddocks M.

Chest. 2023 May;163(5):1003-1004. doi: 10.1016/j.chest.2023.01.023.

<https://pubmed.ncbi.nlm.nih.gov/37164566/>

**GOLD 2023 Update: Implications for Clinical Practice.**

Tamondong-Lachica DR, Skolnik N, Hurst JR, Marchetti N, Rabe APJ, Montes de Oca M, Celli BR.

Int J Chron Obstruct Pulmon Dis. 2023 May 5;18:745-754. doi: 10.2147/COPD.S404690.  
eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37180752/>

**The Importance of the Diaphragm in Neuromotor Function in the Patient with Chronic Obstructive Pulmonary Disease.**

Bordoni B, Escher A, Compalati E, Mapelli L, Toccafondi A.

Int J Chron Obstruct Pulmon Dis. 2023 May 11;18:837-848. doi: 10.2147/COPD.S404190. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37197600/>

**GOLD COPD DOCUMENT 2023: a brief update for practicing cardiologists.**

Agusti A, Böhm M, Celli B, Criner GJ, Garcia-Alvarez A, Martinez F, Sin DD, Vogelmeier CF. Clin Res Cardiol. 2023 May 26:1-10. doi: 10.1007/s00392-023-02217-0. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37233751/>

**Chronic Obstructive Pulmonary Disease, Part 1: Disease State Review.**

Merlo JR, Backus D.

Sr Care Pharm. 2023 Jun 1;38(6):214-222. doi: 10.4140/TCP.n.2023.214.

<https://pubmed.ncbi.nlm.nih.gov/37231577/>

**Going for GOLD: Chronic Obstructive Pulmonary Disease Management in Older Adults.**

Early NK.

Sr Care Pharm. 2023 Jun 1;38(6):212-213. doi: 10.4140/TCP.n.2023.212.

<https://pubmed.ncbi.nlm.nih.gov/37231575/>

**Respiratory Care Management of COPD Exacerbations.**

Hess DR.

Respir Care. 2023 Jun;68(6):821-837. doi: 10.4187/respcare.11069.

<https://pubmed.ncbi.nlm.nih.gov/37225653/>

**Sleep, the Forgotten, yet Potentially Modifiable Dimension in COPD Care.**

Stewart NH, Press VG, Donovan L.

Am J Respir Crit Care Med. 2023 Jun 13. doi: 10.1164/rccm.202305-0795LE. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37311239/>

**Editorial: Exercise intervention for prevention, management of and rehabilitation from chronic obstructive pulmonary disease (COPD).**

Hamilton A, Tetzlaff K.

<https://pubmed.ncbi.nlm.nih.gov/37346487/>

**Pulmonary Rehabilitation in COPD: Medicine's Best Kept Secret That Could Save Medicare a Billion Dollars a Year.**

Mosher CL, Belman M, Garvey C, Casaburi R.

Ann Am Thorac Soc. 2023 Jun 26. doi: 10.1513/AnnalsATS.202304-366VP. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37364287/>

**Understanding Early COPD.**

Lee BY, Han MK.

Respir Care. 2023 Jul;68(7):881-888. doi: 10.4187/respcare.10612.

<https://pubmed.ncbi.nlm.nih.gov/37353336/>

**Oxygen Therapy in COPD.**

Hess MW.

Respir Care. 2023 Jul;68(7):998-1012. doi: 10.4187/respcare.10876.

<https://pubmed.ncbi.nlm.nih.gov/37353334/>

**Understanding COPD Etiology, Pathophysiology, and Definition.**

Curtis JL.

Respir Care. 2023 Jul;68(7):859-870. doi: 10.4187/respcare.10873.

<https://pubmed.ncbi.nlm.nih.gov/37353333/>

**The Role of Pulmonary Function Testing in the Diagnosis and Management of COPD.**

Haynes JM, Kaminsky DA, Ruppel GL.

Respir Care. 2023 Jul;68(7):889-913. doi: 10.4187/respcare.10757.

<https://pubmed.ncbi.nlm.nih.gov/37353330/>

**Acute Hypercapnic Respiratory Failure in COPD.**

MacIntyre NR.

Respir Care. 2023 Jul;68(7):973-982. doi: 10.4187/respcare.10560.

<https://pubmed.ncbi.nlm.nih.gov/37353327/>

**Exacerbations of COPD.**

Carlin BW.

Respir Care. 2023 Jul;68(7):961-972. doi: 10.4187/respcare.10782.

<https://pubmed.ncbi.nlm.nih.gov/37353338/>

**Pulmonary Rehabilitation in Persons With COPD.**

Garvey C.

Respir Care. 2023 Jul;68(7):983-997. doi: 10.4187/respcare.10520.

<https://pubmed.ncbi.nlm.nih.gov/37353335/>

**The Functional and Psychosocial Consequences of COPD.**

Mathews AM.

Respir Care. 2023 Jul;68(7):914-926. doi: 10.4187/respcare.10542.

<https://pubmed.ncbi.nlm.nih.gov/37353332/>

**COPD Phenotyping.**

Christenson SA.

Respir Care. 2023 Jul;68(7):871-880. doi: 10.4187/respcare.11035.

<https://pubmed.ncbi.nlm.nih.gov/37353326/>

**Multidisciplinary diagnosis and treatment model based on a retrospective cohort study: Pulmonary function and prognosis quality of life in severe COPD.**

Liu L, Hui K.

Technol Health Care. 2023 Apr 27. doi: 10.3233/THC-230159. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37125590/>

**Identification of key opportunities for optimising the management of high-risk COPD patients in the UK using the CONQUEST quality standards: an observational longitudinal study.**

Halpin DMG, Dickens AP, Skinner D, Murray R, Singh M, Hickman K, Carter V, Couper A, Evans A, Pullen R, Menon S, Morris T, Muellerova H, Bafadhel M, Chalmers J, Devereux G, Gibson M, Hurst JR, Jones R, Kostikas K, Quint J, Singh D, van Melle M, Wilkinson T, Price D. Lancet Reg Health Eur. 2023 Apr 21;29:100619. doi: 10.1016/j.lanepe.2023.100619. eCollection 2023 Jun.

<https://pubmed.ncbi.nlm.nih.gov/37131493/>

**Undiagnosed and 'overdiagnosed' COPD using postbronchodilator spirometry in primary healthcare settings: a systematic review and meta-analysis.**

Perret J, Yip SWS, Idrose NS, Hancock K, Abramson MJ, Dharmage SC, Walters EH, Waidyatillake N.

BMJ Open Respir Res. 2023 Apr;10(1):e001478. doi: 10.1136/bmjresp-2022-001478.

<https://pubmed.ncbi.nlm.nih.gov/37130651/>

**Identifying risk factors for COPD and adult-onset asthma: an umbrella review.**

Holtjer JCS, Bloemsma LD, Beijers RJHCG, Cornelissen MEB, Hilvering B, Houweling L, Vermeulen RCH, Downward GS, Maitland-Van der Zee AH; P4O2 consortium.

Eur Respir Rev. 2023 May 3;32(168):230009. doi: 10.1183/16000617.0009-2023. Print 2023 Jun 30.

<https://pubmed.ncbi.nlm.nih.gov/37137510/>

**Cognitive function and inhaler technique following recovery from exacerbations of COPD.**

Henkle BE, Freese RL, Dahlheimer M, Kane C, Hoth KF, Kunisaki KM.

ERJ Open Res. 2023 May 2;9(3):00627-2022. doi: 10.1183/23120541.00627-2022.

eCollection 2023 Jul.

<https://pubmed.ncbi.nlm.nih.gov/37143839/>

**Machine learning for screening of at-risk, mild and moderate COPD patients at risk of FEV1 decline: results from COPDGene and SPIROMICS.**

Wang JM, Labaki WW, Murray S, Martinez FJ, Curtis JL, Hoffman EA, Ram S, Bell AJ, Galban CJ, Han MK, Hatt C.

Front Physiol. 2023 Apr 21;14:1144192. doi: 10.3389/fphys.2023.1144192. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37153221/>

**Burden of Disease in Patients with Mild or Mild-to-Moderate Chronic Obstructive Pulmonary Disease (Global Initiative for Chronic Obstructive Lung Disease Group A or B): A Systematic Literature Review.**



Czira A, Purushotham S, Iheanacho I, Rothnie KJ, Compton C, Ismaila AS.  
Int J Chron Obstruct Pulmon Dis. 2023 Apr 29;18:719-731. doi: 10.2147/COPD.S394325.  
eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37151760/>

**Effects of breathing exercises in patients with chronic obstructive pulmonary disease: A network meta-analysis.**

Cai Y, Ren X, Wang J, Ma B, Chen O.  
Arch Phys Med Rehabil. 2023 May 5:S0003-9993(23)00283-6. doi:  
10.1016/j.apmr.2023.04.014. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37150427/>

**Development of a targeted behavioral treatment for smoking cessation among individuals with Chronic Obstructive Pulmonary Disease.**

Mathew AR, Avery EF, Cox C, Nwanah P, Kalhan R, Hitsman B, Powell LH.  
J Behav Med. 2023 May 6. doi: 10.1007/s10865-023-00411-z. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37148395/>

**The association between sleep duration, respiratory symptoms, asthma, and COPD in adults.**

Ruan Z, Li D, Cheng X, Jin M, Liu Y, Qiu Z, Chen X.  
Front Med (Lausanne). 2023 Apr 17;10:1108663. doi: 10.3389/fmed.2023.1108663.  
eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37138746/>

**Attitudes, confidence, barriers and current practice of managing depression in patients with COPD in Saudi Arabia: a national cross-sectional survey.**

Siraj RA, Alrajeh A, Aldabayan YS, Aldhahir AM, Alqahtani JS, Alghamdi SM, Alqarni AA, Banakher BO, Algarni SS, Alhotye M, Khormi SK, Alghamdi HS, Alotaibi FF, Alahmari MA.  
BMJ Open. 2023 May 8;13(5):e069670. doi: 10.1136/bmjopen-2022-069670.  
<https://pubmed.ncbi.nlm.nih.gov/37156583/>

**Palliation of Dyspnea with Mouthpiece Ventilation in Patients with Chronic Obstructive Pulmonary Disease: A Pilot Feasibility Study.**

Leivo-Korpela S, Rantala HA, Piili RP, Lehtimäki L, Lehto JT.  
J Palliat Med. 2023 May 4. doi: 10.1089/jpm.2023.0039. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37155710/>

**What do you mean, 'negotiating?': Patient, physician, and healthcare professional experiences of navigating hierarchy in networks of interprofessional care.**

Macdonald G, Asgarova S, Hartford W, Berger M, Cristancho S, Nimmon L.  
J Interprof Care. 2023 May 10:1-12. doi: 10.1080/13561820.2023.2203722. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37161739/>

**CT airway remodelling and chronic cough.**

Abozid H, Kirby M, Nasir N, Hartl S, Breyer-Kohansal R, Breyer MK, Burghuber OC, Bourbeau J, Wouters EFM, Tan W; CanCOLD Collaborative research Group and the Canadian Respiratory Research Network.

BMJ Open Respir Res. 2023 May;10(1):e001462. doi: 10.1136/bmjresp-2022-001462.

<https://pubmed.ncbi.nlm.nih.gov/37173074/>

**Prevalence and clinical impact of frailty in COPD: a systematic review and meta-analysis.**

Wang L, Zhang X, Liu X.

BMC Pulm Med. 2023 May 12;23(1):164. doi: 10.1186/s12890-023-02454-z.

<https://pubmed.ncbi.nlm.nih.gov/37173728/>

**COPD-Related Fatigue: A Scoping Review.**

Clark LA, Reed R, Corazzini KN, Zhu S, Renn C, Jennifer Klinedinst N.

Clin Nurs Res. 2023 Jun;32(5):914-928. doi: 10.1177/10547738221141224. Epub 2022 Dec 20.

<https://pubmed.ncbi.nlm.nih.gov/36540028/>

**Investigation and Analysis of Risk Factors and Psychological Status of Chronic Obstructive Pulmonary Disease in Permanent Residents Aged 40 or Older in Hongyuan County, Aba Prefecture, Sichuan Province.**

Xia JJ, Zou XX, Qiu Y, Li WJ, Huang L, Xie WY, Xue HH, Yang M.

Int J Chron Obstruct Pulmon Dis. 2023 May 10;18:827-835. doi: 10.2147/COPD.S399279. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37193039/>

**Changes in Lung Volumes with Spirometric Disease Progression in COPD.**

Arjomandi M, Zeng S, Chen J, Bhatt SP, Abtin F, Barjaktarevic I, Barr RG, Bleecker ER, Buhr RG, Criner GJ, Comellas AP, Couper DJ, Curtis JL, Dransfield MT, Fortis S, Han MK, Hansel NN, Hoffman EA, Hokanson JE, Kaner RJ, Kanner RE, Krishnan JA, Labaki W, Lynch DA, Ortega VE, Peters SP, Woodruff PG, Cooper CB, Bowler RP, Paine R 3rd, Rennard SI, Tashkin DP; and the COPDGene and SPIROMICS Investigators.

Chronic Obstr Pulm Dis. 2023 May 16. doi: 10.15326/jcopdf.2022.0363. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37199719/>

**COPD in Africa: risk factors, hospitalisation, readmission and associated outcomes-a systematic review and meta-analysis.**

Njoku CM, Hurst JR, Kinsman L, Balogun S, Obamiro K.

Thorax. 2023 Jun;78(6):596-605. doi: 10.1136/thorax-2022-218675.

<https://pubmed.ncbi.nlm.nih.gov/36635039/>

**Clinical characteristics of chronic obstructive pulmonary disease in never-smokers: A systematic review.**

Rodríguez García C, Ruano-Ravina A, Pérez Ríos M, Martín Gisbert L, Varela-Lema L, Candal-Pedreira C, Represas-Represas C, Rey-Brandariz J, Valdés-Cuadrado L, Agustí A.

Respir Med. 2023 May 19:107284. doi: 10.1016/j.rmed.2023.107284. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37211258/>

**A systematic review of behaviour change techniques in pharmacist-delivered self-management interventions towards patients with chronic obstructive pulmonary disease.**

Jamil N, Zainal ZA, Alias SH, Chong LY, Hashim R.

Res Social Adm Pharm. 2023 May 11:S1551-7411(23)00256-5. doi:

10.1016/j.sapharm.2023.05.006. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37202279/>

**Impact of Marijuana Smoking on COPD Progression in a Cohort of Middle-Aged and Older Persons.**

Barjaktarevic I, Cooper CB, Shing T, Buhr RG, Hoffman EA, Woodruff PG, Drummond MB, Kanner RE, Han MK, Hansel NN, Bowler RP, Kinney GL, Jacobson S, Morris MA, Martinez FJ, Ohar J, Couper D, Tashkin DP.

Chronic Obstr Pulm Dis. 2023 May 16. doi: 10.15326/jcopdf.2022.0378. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37199732/>

**The association of spirometric small airways obstruction with respiratory symptoms, cardiometabolic diseases, and quality of life: results from the Burden of Obstructive Lung Disease (BOLD) study.**

Knox-Brown B, Patel J, Potts J, Ahmed R, Aquart-Stewart A, Barbara C, Buist AS, Cherkaski HH, Denguezli M, Elbiaze M, Erhabor GE, Franssen FME, Al Ghobain M, Gislason T, Janson C, Kocabaş A, Mannino D, Marks G, Mortimer K, Nafees AA, Obaseki D, Paraguas SNM, Loh LC, Rashid A, Salvi S, Seemungal T, Studnicka M, Tan WC, Wouters EFM, Abozid H, Mueller A, Burney P, Amaral AFS.

Respir Res. 2023 May 23;24(1):137. doi: 10.1186/s12931-023-02450-1.

<https://pubmed.ncbi.nlm.nih.gov/37221593/>

**The impact of the duration of the integrated disease management program on COPD-related outcomes.**

Lin CH, Li YR, Wang BY, Lin SH, Huang KY, Chen CH, Kor CT.

Eur J Med Res. 2023 May 23;28(1):178. doi: 10.1186/s40001-023-01136-0.

<https://pubmed.ncbi.nlm.nih.gov/37221574/>

**Obesity, Charlson comorbidity index, and neutrophil-to-lymphocyte ratio in chronic obstructive pulmonary disease: relationship to disease severity.**

Uzunlar EA, Yildiran H, Kokturk N, Kilic H, Hasanoglu HC.

Bratisl Lek Listy. 2023 May 23. doi: 10.4149/BLL\_2023\_080. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37218479/>

**Comparison of High-Flow Nasal Cannula with Conventional Oxygen Therapy in Patients with Hypercapnic Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.**

Zhang L, Wang Y, Ye Y, Gao J, Zhu F, Min L.

Int J Chron Obstruct Pulmon Dis. 2023 May 16;18:895-906. doi: 10.2147/COPD.S402506. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37215746/>

**Comparison of Two Frailty Assessment Methods and Their Association with Functionality in Subjects with Exacerbation of COPD.**

Morita AA, Munhoz RF, Guzzi GL, Probst VS.

Curr Gerontol Geriatr Res. 2023 May 11;2023:6660984. doi: 10.1155/2023/6660984. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37215461/>

**Association between respiratory disease and stress urinary incontinence: An analysis of the 2015-2020 National Health and Nutrition Examination Survey.**

Zhu M, Sim J, Okada C, Kim J, Abraham N.

Neurourol Urodyn. 2023 May 24. doi: 10.1002/nau.25217. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37226650/>

**Cluster analyses from the real-world NOVELTY study: six clusters across the asthma-COPD spectrum.**

Hughes R, Rapsomaniki E, Bansal AT, Vestbo J, Price D, Agustí A, Beasley R, Fagerås M, Alacqua M, Papi A, Müllerová H, Reddel HK; NOVELTY Scientific Community and the NOVELTY study investigators.

J Allergy Clin Immunol Pract. 2023 May 23:S2213-2198(23)00549-4. doi: 10.1016/j.jaip.2023.05.013. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37230383/>

**Global burden of chronic respiratory diseases and risk factors, 1990-2019: an update from the Global Burden of Disease Study 2019.**

GBD 2019 Chronic Respiratory Diseases Collaborators.

EClinicalMedicine. 2023 May;59:101936. doi: 10.1016/j.eclinm.2023.101936.

<https://pubmed.ncbi.nlm.nih.gov/37229504/>

**Mental health and sleep quality among patients with asthma and COPD.**

Aldabayan YS.

Front Med (Lausanne). 2023 May 9;10:1181742. doi: 10.3389/fmed.2023.1181742. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37228398/>

**ERS International Congress 2022: highlights from the Allied Respiratory Professionals Assembly.**

Price OJ, Paixão C, Poddighe D, Miranda S, Silva R, Silva L, Volpato E, Sylvester K, Nyberg A, Šajnić A, Cruz J.

ERJ Open Res. 2023 May 22;9(3):00013-2023. doi: 10.1183/23120541.00013-2023. eCollection 2023 May.

<https://pubmed.ncbi.nlm.nih.gov/37228263/>

**The role of loneliness in the association between chronic physical illness and depressive symptoms among older adults: A prospective cohort study.**

Kandola A, Solmi F, Ajnakina O, Ingram E, Iob E, Lee S, Steptoe A, Wright T, Lewis G.

J Affect Disord. 2023 Aug 1;334:220-226. doi: 10.1016/j.jad.2023.04.072. Epub 2023 Apr 21.

<https://pubmed.ncbi.nlm.nih.gov/37086792/>

**Differences in Characteristics Between Physical Frailty Assessments in Chronic Obstructive Pulmonary Disease: A Multicenter Cross-Sectional Observational Study.**

Tanaka Y, Hanada M, Kitagawa C, Suyama K, Shiroishi R, Rikitomi N, Tsuda T, Utsunomiya Y, Tanaka T, Shingai K, Yanagita Y, Koza R.

Int J Chron Obstruct Pulmon Dis. 2023 May 22;18:945-953. doi: 10.2147/COPD.S405894. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37251702/>

**Definitions of Chronic Obstructive Pulmonary Disease and COPD Exacerbation: A Modified Delphi Survey.**

Park YB, Lee JH, Ra SW, Park HY, Jung JY, Kang YA, Rhee CK, Kim DK, Yoo KH, Il HY, Lim SY, Lee JS, Jo KW, Oh YM.

Tuberc Respir Dis (Seoul). 2023 May 31. doi: 10.4046/trd.2023.0014. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37254490/>

**Diagnostic spirometry in COPD is increasing, a comparison of two Swedish cohorts.**

Athlin Å, Lisspers K, Hasselgren M, Ställberg B, Janson C, Montgomery S, Giezeman M, Kisiel M, Nager A, Sandelowsky H, Arne M, Sundh J.

NPJ Prim Care Respir Med. 2023 Jun 2;33(1):23. doi: 10.1038/s41533-023-00345-8.

<https://pubmed.ncbi.nlm.nih.gov/37264017/>

**Health literacy interventions among patients with chronic diseases: A meta-analysis of randomized controlled trials.**

Shao Y, Hu H, Liang Y, Hong Y, Yu Y, Liu C, Xu Y.

Patient Educ Couns. 2023 Jun 1;114:107829. doi: 10.1016/j.pec.2023.107829. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37270933/>

**Assessment of health status and its correlation with lung function in patients with COPD: a study from a tertiary care centre in north India.**

Gupta A, Garg K, Chopra V, Singh SP.

Monaldi Arch Chest Dis. 2023 Jun 7. doi: 10.4081/monaldi.2023.2530. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37284775/>

**The GOLD 2023 proposed taxonomy: a new tool to determine COPD etiotypes.**

Soriano JB, Horner A, Studnicka M, Sin DD, Puhan MA, Spruit MA, Lamprecht B.

Eur Respir J. 2023 Jun 8;61(6):2300466. doi: 10.1183/13993003.00466-2023. Print 2023 Jun.

<https://pubmed.ncbi.nlm.nih.gov/37290808/>

**Inhaled Corticosteroids and Risk of Cardiovascular Disease in Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Regression.**

Gadhvi K, Kandeil M, Raveendran D, Choi J, Davies N, Nanchahal A, Wing O, Quint J, Whittaker H.

Chronic Obstr Pulm Dis. 2023 Jun 7. doi: 10.15326/jcopdf.2022.0386. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37289196/>

**Personal and community-level exposure to air pollution and daily changes in respiratory symptoms and oxygen saturation among adults with COPD.**

Aglan A, Synn AJ, Nurhussien L, Chen K, Scheerens C, Koutrakis P, Coull B, Rice MB. Hyg Environ Health Adv. 2023 Jun;6:100052. doi: 10.1016/j.heha.2023.100052. Epub 2023 Mar 31.

<https://pubmed.ncbi.nlm.nih.gov/37293389/>

**When GETomics meets aging and exercise in COPD.**

Pellegrino D, Casas-Recasens S, Faner R, Palange P, Agusti A. Respir Med. 2023 Jun 7:107294. doi: 10.1016/j.rmed.2023.107294. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37295536/>

**Video-based teach-to-goal intervention on inhaler technique on adults with asthma and COPD: A randomized controlled trial.**

Al-Kharouf MS, Abdeljalil MH, Obeidat NM, Oweidat KA, Awwad O. PLoS One. 2023 Jun 9;18(6):e0286870. doi: 10.1371/journal.pone.0286870. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37294823/>

**Secondhand Smoke Exposure and the Risk of Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.**

Chen P, Li Y, Wu D, Liu F, Cao C. Int J Chron Obstruct Pulmon Dis. 2023 Jun 7;18:1067-1076. doi: 10.2147/COPD.S403158. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37309392/>

**Understanding the Physiological Endotypes Responsible for Co-Morbid Obstructive Sleep Apnea in Patients with Interstitial Lung Disease.**

Joosten SA, Landry SA, Mann DL, Sands SA, Ryerson CJ, Sidhu C, Hamilton GS, Howard ME, Edwards BA, Khor YH. Am J Respir Crit Care Med. 2023 Jun 13. doi: 10.1164/rccm.202301-0185LE. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37311238/>

**Use of CAPTURE to Identify Individuals Who May or May Not Require Treatment for COPD.**

Li Y, Wen F, Ma Q, Chen R, Sun Y, Liu T, Gu C, Hu S, Song J, Compton C, Zheng J, Zhong N, Jones P. Am J Respir Crit Care Med. 2023 Jun 14. doi: 10.1164/rccm.202303-0504OC. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37315325/>

**Self-management interventions for chronically ill patients with limited health literacy: A descriptive analysis.**

van der Gaag M, Heijmans M, Valli C, Orrego C, Ballester M, Rademakers J. Chronic Illn. 2023 Jun 13:17423953231181410. doi: 10.1177/17423953231181410. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37312500/>

**Frailty in asthma-COPD overlap: a cross-sectional study of association and risk factors in the NHANES database.**

Wang X, Wen J, Gu S, Zhang L, Qi X.

BMJ Open Respir Res. 2023 Jun;10(1):e001713. doi: 10.1136/bmjresp-2023-001713.

<https://pubmed.ncbi.nlm.nih.gov/37336621/>

**Patient engagement in interprofessional team-based chronic disease management: A qualitative description of a Canadian program.**

Law B, Chhatwal PK, Licskai C, Scurr T, Sibbald SL.

Patient Educ Couns. 2023 Jun 3;114:107836. doi: 10.1016/j.pec.2023.107836. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37336085/>

**Impact of Aerobika® oscillating positive expiratory pressure in improving small airway resistance, lung function, symptoms and exercise capacity in chronic obstructive pulmonary disease.**

Sahardin SN, Jailaini MFM, Abeed NNN, Ban AY, Hau NB, Azmel AA, Shah SA, Hamid MFA.

Front Med (Lausanne). 2023 Jun 2;10:1202380. doi: 10.3389/fmed.2023.1202380.

eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37332765/>

**Striving for moments of easier breathing despite being trapped in breathlessness: meanings of feeling well for women with chronic obstructive pulmonary disease stage III or IV.**

Ekdahl A, Söderberg S, Holmström Rising M.

Int J Qual Stud Health Well-being. 2023 Dec;18(1):2225937. doi:

10.1080/17482631.2023.2225937.

<https://pubmed.ncbi.nlm.nih.gov/37331013/>

**Inter- and intrarater reliability of short-term measurement of heart rate variability on rest in chronic obstructive pulmonary disease (COPD).**

Santos-de-Araújo AD, Bassi-Dibai D, Camargo PF, Marinho RS, Goulart CDL, Dourado IM, Ricci PA, Mendes RG, Borghi-Silva A.

Heart Lung. 2023 Jun 14;62:64-71. doi: 10.1016/j.hrtlng.2023.06.004. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37327614/>

**Identifying the Relationship Between Economic Prosperity and Quality of Life in Chronic Obstructive Pulmonary Disease Patients.**

Mazetas D, Gouva M, Economou A, Gerogianni I, Mantzoukas S, Gourgoulisanis KI.

Cureus. 2023 Jun 19;15(6):e40624. doi: 10.7759/cureus.40624. eCollection 2023 Jun.

<https://pubmed.ncbi.nlm.nih.gov/37342299/>

**FEV1/FVC Severity Stages for Chronic Obstructive Pulmonary Disease.**

Bhatt SP, Nakhmani A, Fortis S, Strand MJ, Silverman EK, Sciruba FC, Bodduluri S.

Am J Respir Crit Care Med. 2023 Jun 20. doi: 10.1164/rccm.202303-0450OC. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37339502/>

**"It's like a forgotten issue sometimes ...": Qualitative study of individuals living and caring for people with chronic breathlessness.**

Sunjaya A, Martin A, Arnott C, Marks G, Jenkins C.

Clin Respir J. 2023 Jun 23. doi: 10.1111/crj.13652. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37350174/>

**Trends in the Prevalence of Chronic Non-Communicable Diseases and Multimorbidity across Socioeconomic Gradients in Rural Southwest China.**

Liu L, Wu X, Li HF, Zhao Y, Li GH, Cui WL, Rabkin Golden A, Cai L.

J Nutr Health Aging. 2023;27(6):457-462. doi: 10.1007/s12603-023-1932-y.

<https://pubmed.ncbi.nlm.nih.gov/37357330/>

**The primary care experience of adults with chronic obstructive pulmonary disease (COPD). An interpretative phenomenological inquiry.**

Madawala S, Warren N, Osadnik C, Barton C.

PLoS One. 2023 Jun 23;18(6):e0287518. doi: 10.1371/journal.pone.0287518. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37352267/>

**Using a person-centered approach in clinical care for patients with complex chronic conditions: Perspectives from healthcare professionals caring for Veterans with COPD in the U.S. Veterans Health Administration's Whole Health System of Care.**

Anderson E, Wiener RS, Molloy-Paolillo B, McCullough M, Kim B, Harris JI, Rinne ST, Elwy AR, Bokhour BG.

PLoS One. 2023 Jun 23;18(6):e0286326. doi: 10.1371/journal.pone.0286326. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37352241/>

**Unmet Diagnostic and Therapeutic Opportunities for COPD in Low- and Middle-Income Countries.**

Florman KE, Siddharthan T, Pollard SL, Alupo P, Barber JA, Chandyo RK, Flores-Flores O, Kirenga B, Mendes RG, Miranda JJ, Mohan S, Ricciardi F, Rykiel NA, Sharma AK, Wosu AC, Checkley W, Hurst JR; GECost Study Investigators.

Am J Respir Crit Care Med. 2023 Jun 27. doi: 10.1164/rccm.202302-0289OC. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37369142/>

**Patient message preferences to promote clinical conversations about chronic obstructive pulmonary disease (COPD): A discrete choice experiment.**

Paige SR, Krieger JL, Williams M, Salloum RG.

PEC Innov. 2023 May 25;2:100168. doi: 10.1016/j.pecinn.2023.100168.

<https://pubmed.ncbi.nlm.nih.gov/37384164/>