



## ERS literature update March-April 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

#### **Impact of Cardiovascular and Metabolic Comorbidities on Long-term Outcomes of Home-based Pulmonary Rehabilitation in COPD.**

Grosbois JM, Détrée A, Pierache A, Bautin N, Pérez T, Wallaert B, Chenivesse C, Le Rouzic O. *Int J Chron Obstruct Pulmon Dis.* 2023 Feb 23;18:155-167. doi: 10.2147/COPD.S381744. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36860514/>

#### **Implementation of offering choice of pulmonary rehabilitation location to people with COPD: a protocol for the process evaluation of a cluster randomised controlled trial.**

Cox NS, Holland AE, Jones AW, McDonald CF, O'Halloran P, Mahal A, Hepworth G, Lannin NA. *Trials.* 2023 Mar 8;24(1):173. doi: 10.1186/s13063-023-07179-2.

<https://pubmed.ncbi.nlm.nih.gov/36890526/>

#### **Value of Comprehensive Rehabilitation Therapy in Patients with Chronic Obstructive Pulmonary Disease and its Effect on Improving Inflammation.**

Li Z, Yan X, Liu J, Feng X, Li X.

*Altern Ther Health Med.* 2023 Mar 20:AT8005. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36933249/>

#### **Effects of exercise-based pulmonary rehabilitation on severe/very severe COPD: a systematic review and meta-analysis.**

He W, Wang J, Feng Z, Li J, Xie Y.

*Ther Adv Respir Dis.* 2023 Jan-Dec;17:17534666231162250. doi: 10.1177/17534666231162250.

<https://pubmed.ncbi.nlm.nih.gov/36946384/>

#### **Comparing the effects of smartphone-based and face-to-face pulmonary rehabilitation education on caregiver burden and quality of life among the family caregivers of patients with chronic obstructive pulmonary disease: a randomized controlled field trial.**

Bahadori M, Sami R, Abolhassani S, Atashi V.

*Trials.* 2023 Mar 22;24(1):212. doi: 10.1186/s13063-023-07239-7.

<https://pubmed.ncbi.nlm.nih.gov/36949531/>

#### **Access to Pulmonary Rehabilitation among Medicare Beneficiaries with Chronic Obstructive Pulmonary Disease.**

Malla G, Bodduluri S, Sthanam V, Sharma G, Bhatt SP.

Ann Am Thorac Soc. 2023 Apr;20(4):516-522. doi: 10.1513/AnnalsATS.202204-318OC.  
<https://pubmed.ncbi.nlm.nih.gov/36476450/>

*with comment*

**Insufficient Patient Access to Pulmonary Rehabilitation: A Multifaceted Problem.**

Rochester CL.

Ann Am Thorac Soc. 2023 Apr;20(4):510-512. doi: 10.1513/AnnalsATS.202301-032ED.  
<https://pubmed.ncbi.nlm.nih.gov/37000146/>

**Long-term Telerehabilitation or Unsupervised Training at Home for Patients with Chronic Obstructive Pulmonary Disease: A Randomized Controlled Trial.**

Zanaboni P, Dinesen B, Hoas H, Wootton R, Burge AT, Philp R, Oliveira CC, Bondarenko J, Tranborg Jensen T, Miller BR, Holland AE.

Am J Respir Crit Care Med. 2023 Apr 1;207(7):865-875. doi: 10.1164/rccm.202204-0643OC.  
<https://pubmed.ncbi.nlm.nih.gov/36480957/>

*with comment*

**Constructing Modern Pulmonary Rehabilitation: Another Brick from the Wall.**

Bourbeau J, Bhatt SP.

Am J Respir Crit Care Med. 2023 Apr 1;207(7):804-805. doi: 10.1164/rccm.202301-0007ED.  
<https://pubmed.ncbi.nlm.nih.gov/36656552/>

**The effect of d-cycloserine on brain processing of breathlessness over pulmonary rehabilitation: an experimental medicine study.**

Finnegan SL, Harrison OK, Booth S, Dennis A, Ezra M, Harmer CJ, Herigstad M, Guillaume B, Nichols TE, Rahman NM, Reinecke A, Renaud O, Pattinson KTS.

ERJ Open Res. 2023 Apr 3;9(2):00479-2022. doi: 10.1183/23120541.00479-2022. eCollection 2023 Mar.

<https://pubmed.ncbi.nlm.nih.gov/37020840/>

**Clinical Effects of Pulmonary Rehabilitation in Very Old Patients with COPD.**

Spielmanns M, Schulze ST, Guenes E, Pekacka-Falkowska K, Windisch W, Pekacka-Egli AM.  
J Clin Med. 2023 Mar 27;12(7):2513. doi: 10.3390/jcm12072513.

<https://pubmed.ncbi.nlm.nih.gov/37048597/>

**Pulmonary rehabilitation after severe exacerbation of COPD: a nationwide population study.**

Guecamburu M, Coquelin A, Rapin A, Le Guen N, Solomiac A, Henrot P, Erbault M, Morin S, Zysman M.

Respir Res. 2023 Apr 7;24(1):102. doi: 10.1186/s12931-023-02393-7.

<https://pubmed.ncbi.nlm.nih.gov/37029390/>

**Chronic obstructive pulmonary disease access and adherence to pulmonary rehabilitation intervention (CAPRI): Protocol for a randomized controlled trial and adaptations during the COVID-19 pandemic.**

Bamonti PM, Robinson SA, Finer E, Kadri R, Gagnon D, Richardson CR, Moy ML.

Contemp Clin Trials. 2023 Apr 19;129:107203. doi: 10.1016/j.cct.2023.107203. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37084881/>

## EXERCISE TESTING AND TRAINING

### **Lower-Limb Resistance Training Reduces Exertional Dyspnea and Intrinsic Neuromuscular Fatigability in Individuals with COPD.**

Brunton NM, Barbour DJ, Gelinas JC, Yacyshyn AF, Sasso JP, Harper MI, McNeil CJ, Melzer B, Agar G, Eves ND.

J Appl Physiol (1985). 2023 Mar 9. doi: 10.1152/jappphysiol.00303.2022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36892891/>

### **Impaired exercise capacity in individuals with non-obstructive small airway dysfunction.**

Deng Z, Li X, Li C, Zheng Y, Wu F, Wang Z, Liu S, Tian H, Zheng J, Peng J, Huang P, Yang H, Xiao S, Wen X, Yang C, Luo X, Peng G, Li B, Zhou Y, Ran P.

J Thorac Dis. 2023 Feb 28;15(2):472-483. doi: 10.21037/jtd-22-1328. Epub 2023 Feb 15.

<https://pubmed.ncbi.nlm.nih.gov/36910094/>

### **Fidelity and tolerability of two high-intensity interval training protocols in patients with COPD: a randomised cross-over pilot study.**

Nymand SB, Hartmann J, Rasmussen IE, Iepsen UW, Ried-Larsen M, Christensen RH, Berg RMG.

BMJ Open Sport Exerc Med. 2023 Mar 8;9(1):e001486. doi: 10.1136/bmjsem-2022-001486. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36919122/>

### **Use of the Borg dyspnea scale to identify dynamic hyperinflation during the 6-minute walking test in individuals with moderate-severe COPD: A pilot study.**

de Freitas APVM, Belo LF, Martinez L, Hernandez NA, Pitta F.

Pulmonology. 2023 Mar 10:S2531-0437(23)00040-5. doi: 10.1016/j.pulmoe.2023.02.003. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36907815/>

### **One-minute sit-to-stand test as a quick functional test for people with COPD in general practice.**

Spence JG, Brincks J, Løkke A, Neustrup L, Østergaard EB.

NPJ Prim Care Respir Med. 2023 Mar 15;33(1):11. doi: 10.1038/s41533-023-00335-w.

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

### **One-minute sit-to-stand test as a quick functional test for people with COPD in general practice.**

Spence JG, Brincks J, Løkke A, Neustrup L, Østergaard EB.

NPJ Prim Care Respir Med. 2023 Mar 15;33(1):11. doi: 10.1038/s41533-023-00335-w.

<https://pubmed.ncbi.nlm.nih.gov/36922535/>

### **Automatic oxygen titration versus constant oxygen flow rates during walking in COPD: a randomised controlled, double-blind, crossover trial.**

Schneeberger T, Jarosch I, Leitl D, Gloeckl R, Hitzl W, Dennis CJ, Geyer T, Criée CP, Koczulla AR, Kenn K.

Thorax. 2023 Apr;78(4):326-334. doi: 10.1136/thoraxjnl-2020-216509. Epub 2021 Oct 16.

<https://pubmed.ncbi.nlm.nih.gov/34656996/>

**A computational musculoskeletal arm model for assessing muscle dysfunction in chronic obstructive pulmonary disease.**

Asghari M, Peña M, Ruiz M, Johnson H, Ehsani H, Toosizadeh N.

Med Biol Eng Comput. 2023 Mar 27. doi: 10.1007/s11517-023-02823-0. Online ahead of print.

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

**Development and Validation of a Multivariable Exercise Adherence Prediction Model for Patients with COPD: A Prospective Cohort Study.**

Ricke E, Bakker EW.

Int J Chron Obstruct Pulmon Dis. 2023 Mar 22;18:385-398. doi: 10.2147/COPD.S401023. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36987443/>

**Pilot testing the impact of an aerobic exercise plus rehabilitation training on respiratory function in older adults with COPD.**

Lu S, Zhang Q.

Geriatr Nurs. 2023 Apr 4;51:238-244. doi: 10.1016/j.gerinurse.2023.03.011. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37023683/>

**Identification of male COPD patients with exertional hypoxemia who may benefit from long-term oxygen therapy.**

Garnet BJ, Jean E, Lankenau RD, Campos MA.

PLoS One. 2023 Apr 6;18(4):e0283949. doi: 10.1371/journal.pone.0283949. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37023024/>

**Early Desaturation During 6-Minute Walk Test is a Predictor of Mortality in COPD.**

García-Talavera I, Figueira-Gonçalves JM, Golpe R, Esteban C, Amado C, Pérez-Méndez LI, Aramburu A, Conde-Martel A.

Lung. 2023 Apr 10. doi: 10.1007/s00408-023-00613-x. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37036523/>

**Effects of Tai Chi on patients with moderate to severe COPD in stable phase.**

Luo C, Jiang H, Li H, Chi X.

Medicine (Baltimore). 2023 Apr 7;102(14):e33503. doi: 10.1097/MD.00000000000033503.

<https://pubmed.ncbi.nlm.nih.gov/37026910/>

**Muscle energy technique for chronic obstructive pulmonary disease: A feasibility study.**

Baxter DA, Coyle ME, Hill CJ, Worsnop C, Shergis JL.

J Integr Med. 2023 Mar 24:S2095-4964(23)00026-2. doi: 10.1016/j.joim.2023.03.006. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37076354/>

**Postural control among individuals with and without chronic obstructive pulmonary disease: A cross-sectional study of motor and sensory systems.**

Strandkvist V, Lindberg A, Larsson A, Pauelsen M, Stridsman C, Nyberg L, Backman H, Røijezon U.

PLoS One. 2023 Apr 25;18(4):e0284800. doi: 10.1371/journal.pone.0284800. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37098038/>

## PHYSICAL ACTIVITY

**Heart rate and oxygen uptake kinetics obtained from continuous measurements with wearable devices during outdoor walks of patients with COPD.**

Buekers J, Arbillaga-Etxarri A, Gimeno-Santos E, Donaïre-Gonzalez D, Chevance G, Aerts JM, Garcia-Aymerich J.

Digit Health. 2023 Mar 14;9:20552076231162989. doi: 10.1177/20552076231162989. eCollection 2023 Jan-Dec.

<https://pubmed.ncbi.nlm.nih.gov/36937691/>

**Physical Activity, Air Pollution Exposure, and Lung Function Interactions Among Adults with COPD.**

Chen K, Aglan M, Purcell A, Nurhussien L, Koutrakis P, Coull BA, Synn A, Rice MB.

Chronic Obstr Pulm Dis. 2023 Mar 20. doi: 10.15326/jcopdf.2022.0385. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36976544/>

**Distinct contributions of muscle mass and strength stratified by nutritional status to physical activity in patients with chronic obstructive pulmonary disease.**

Kawai T, Asai K, Miyamoto A, Yamada K, Furukawa Y, Toyokura E, Nishimura M, Sato K, Watanabe T, Kawaguchi T.

Respir Investig. 2023 Apr 21;61(4):389-397. doi: 10.1016/j.resinv.2023.03.001. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37088061/>

## TELEMEDICINE\*

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

**Scoping Review of Pulmonary Telemedicine Consults: Current Knowledge and Research Gaps.**

Li B, Gillmeyer KR, Molloy-Paolillo B, Vimalananda VG, Elwy AR, Wiener RS, Rinne ST.

Ann Am Thorac Soc. 2023 Mar;20(3):456-465. doi: 10.1513/AnnalsATS.202205-404OC.

<https://pubmed.ncbi.nlm.nih.gov/36490386/>

**Use of Information and Communication Technology among Patients with Chronic Obstructive Pulmonary Disease Who Smoke: A Mixed Methods Study.**

Melzer AC, Hagedorn H, Nelson D, Kaplan A, Campbell M, Fu SS.  
Ann Am Thorac Soc. 2023 Mar;20(3):381-389. doi: 10.1513/AnnalsATS.202208-740OC.  
<https://pubmed.ncbi.nlm.nih.gov/36351079/>

**Efficacy of Telemedicine for the Management of Asthma: A Systematic Review.**

Almasi S, Shahbodaghi A, Asadi F.  
Tanaffos. 2022 Feb;21(2):132-145.  
<https://pubmed.ncbi.nlm.nih.gov/36879729/>

**Videoconferencing interventions and COPD patient outcomes: A systematic review.**

Bowman M, Jalink M, Sharpe I, Srivastava S, Wijeratne DT.  
J Telemed Telecare. 2023 Mar 7:1357633X231158140. doi: 10.1177/1357633X231158140.  
Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36883234/>

**Effectiveness of patient decision aid supported shared decision-making intervention in in-person and virtual hybrid pulmonary rehabilitation in older adults with chronic obstructive pulmonary disease: A pilot randomized controlled trial.**

Jiang Y, Nurdawulieti B, Chen Z, Guo J, Sun P, Chen M, Li J.  
J Telemed Telecare. 2023 Mar 15:1357633X231156631. doi: 10.1177/1357633X231156631.  
Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36919365/>

**Flip focus and emphasise patient resources in person-centred care over the telephone-A retrospective descriptive study.**

Ulin K, Fors A, Ali L, Ekman I, Jansson I.  
Scand J Caring Sci. 2023 Mar 18. doi: 10.1111/scs.13164. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36932728/>

**Technological advances and digital solutions to improve quality of life in older adults with chronic obstructive pulmonary disease: a systematic review.**

Lippi L, Turco A, Folli A, D'Abrosca F, Curci C, Mezzan K, de Sire A, Invernizzi M.  
Aging Clin Exp Res. 2023 Mar 23. doi: 10.1007/s40520-023-02381-3. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36952118/>

**Early experiences of telehealth monitoring for patients with COPD and implementation of person-centred care plans.**

Eeles J, Ellison S, Jones C, Huntington C.  
Br J Community Nurs. 2023 Apr 2;28(4):172-178. doi: 10.12968/bjcn.2023.28.4.172.  
<https://pubmed.ncbi.nlm.nih.gov/36989197/>

**Experiences of Using an Electronic Health Tool Among Health Care Professionals Involved in Chronic Obstructive Pulmonary Disease Management: Qualitative Analysis.**

Nyberg A, Sondell A, Lundell S, Marklund S, Tistad M, Wadell K.  
JMIR Hum Factors. 2023 Mar 30;10:e43269. doi: 10.2196/43269.  
<https://pubmed.ncbi.nlm.nih.gov/36995743/>

**The role of telemonitoring in patients on home mechanical ventilation.**

van den Biggelaar R, Hazenberg A, Duiverman ML.

Eur Respir Rev. 2023 Apr 5;32(168):220207. doi: 10.1183/16000617.0207-2022. Print 2023 Jun 30.

<https://pubmed.ncbi.nlm.nih.gov/37019457/>

**Understanding the telehealth experience of care by people with ILD during the COVID-19 pandemic: what have we learnt?**

Tikellis G, Corte T, Gaspole IN, Goh N, Khor YH, Wrobel J, Symons K, Fuhrmeister L, Glenn L, Chirayath S, Troy L, Holland AE.

BMC Pulm Med. 2023 Apr 6;23(1):113. doi: 10.1186/s12890-023-02396-6.

<https://pubmed.ncbi.nlm.nih.gov/37024848/>

**Effect of internet-based pulmonary rehabilitation on physical capacity and health-related life quality in patients with chronic obstructive pulmonary disease-a systematic review and meta-analysis.**

Zhang X, Jia G, Zhang L, Liu Y, Wang S, Cheng L.

Disabil Rehabil. 2023 Apr 10:1-9. doi: 10.1080/09638288.2023.2196095. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37036029/>

**Features and characteristics of publicly available mHealth apps for self-management in chronic obstructive pulmonary disease.**

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

Digit Health. 2023 Apr 12;9:20552076231167007. doi: 10.1177/20552076231167007. eCollection 2023 Jan-Dec.

<https://pubmed.ncbi.nlm.nih.gov/37065541/>

**PATIENT REPORTED OUTCOME MEASURES**

**Psychometric properties of the Hospital Anxiety and Depression Scale (HADS) in individuals with stable chronic obstructive pulmonary disease (COPD): a systematic review.**

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

Disabil Rehabil. 2023 Mar 2:1-9. doi: 10.1080/09638288.2023.2182918. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36861817/>

**Validity and Reliability of the Assessment of Burden of Chronic Conditions Scale in the Netherlands.**

Claessens D, Boudewijns EA, Keijsers LCEM, Gidding-Slok AHM, Winkens B, van Schayck OCP. Ann Fam Med. 2023 Mar-Apr;21(2):103-111. doi: 10.1370/afm.2954.

<https://pubmed.ncbi.nlm.nih.gov/36973066/>

**The impact of lockdown on symptoms and health status of patients with chronic airway diseases: An appraisal of patient perceived impressions.**

Bhattacharyya P, Mukherjee S, Chatterjee M, Saha D, Sengupta S, Dey D.  
Lung India. 2023 Mar-Apr;40(2):128-133. doi: 10.4103/lungindia.lungindia\_278\_22.  
<https://pubmed.ncbi.nlm.nih.gov/37006096/>

**COPD Assessment Test as a Screening Tool for Anxiety and Depression in Stable COPD Patients: A Feasibility Study.**

Liu M, Li Y, Yin D, Wang Y, Fu T, Zhu Z, Zheng C, Huang K.  
COPD. 2023 Dec;20(1):144-152. doi: 10.1080/15412555.2023.2174843.  
<https://pubmed.ncbi.nlm.nih.gov/37036434/>

**Chronic Airways Assessment Test: psychometric properties in patients with asthma and/or COPD.**

Tomaszewski EL, Atkinson MJ, Janson C, Karlsson N, Make B, Price D, Reddel HK, Vogelmeier CF, Müllerová H, Jones PW; NOVELTY Scientific Community; and the NOVELTY study investigators.  
Respir Res. 2023 Apr 8;24(1):106. doi: 10.1186/s12931-023-02394-6.  
<https://pubmed.ncbi.nlm.nih.gov/37031164/>

**Comparing the Performance of Two Screening Questionnaires for Chronic Obstructive Pulmonary Disease in the Chinese General Population.**

Liu M, Yin D, Wang Y, Wang W, Fu T, Duan Y, Hu M, Huang K.  
Int J Chron Obstruct Pulmon Dis. 2023 Apr 10;18:541-552. doi: 10.2147/COPD.S403603.  
eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37065634/>

**Development and preliminary psychometric evaluation of the COPD-related Stigma Scale.**

Woo S, Veliz P, Saint Arnault DM, Struble LM, Earl A, Larson JL.  
Heart Lung. 2023 Apr 19;61:22-28. doi: 10.1016/j.hrtlng.2023.04.006. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37084465/>

**Validity and Reliability of the Fatigue Severity Scale in a Real-World Interstitial Lung Disease Cohort.**

Aronson KI, Martin-Schwarze AM, Swigris JJ, Kolenic G, Krishnan JK, Podolanczuk AJ, Kaner RJ, Martinez FJ, Safford MM, Pinheiro LC; Pulmonary Fibrosis Foundation.  
Am J Respir Crit Care Med. 2023 Apr 26. doi: 10.1164/rccm.202208-1504OC. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37099412/>

## INTERSTITIAL LUNG DISEASE

**Physiological Underpinnings of Exertional Dyspnoea in Mild Fibrosing Interstitial Lung Disease.**

Smyth RM, Neder JA, James MD, Vincent SG, Milne KM, Marillier M, de-Torres JP, Moran-Mendoza O, O'Donnell DE, Phillips DB.  
Respir Physiol Neurobiol. 2023 Feb 27:104041. doi: 10.1016/j.resp.2023.104041. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36858334/>



**Lifestyle integrated functional exercise for people with interstitial lung disease (iLiFE): A mixed-methods feasibility study.**

Paixão C, Almeida S, Ferreira PG, Mendes MA, Brooks D, Marques A.

Heart Lung. 2023 Mar 4;60:20-27. doi: 10.1016/j.hrtlng.2023.02.018. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36878103/>

**Pause for thought: navigating the complex scientific domains of fatigue and of mindfulness-based practices in sarcoidosis and beyond.**

Saketkoo LA, Patterson KC, Russell AM.

Lancet Respir Med. 2023 Mar;11(3):219-220. doi: 10.1016/S2213-2600(22)00448-9.

<https://pubmed.ncbi.nlm.nih.gov/36427516/>

**Online mindfulness-based cognitive therapy for fatigue in patients with sarcoidosis (TIRED): a randomised controlled trial.**

Kahlmann V, Moor CC, van Helmondt SJ, Mostard RLM, van der Lee ML, Grutters JC, Wijssenbeek MS, Veltkamp M.

Lancet Respir Med. 2023 Mar;11(3):265-272. doi: 10.1016/S2213-2600(22)00387-3.

<https://pubmed.ncbi.nlm.nih.gov/36427515/>

**A 1-year follow-up study in patients with idiopathic pulmonary fibrosis regarding adverse outcomes to unintended weight loss.**

Holst M, Nielsen C, Sørensen LF, Ladefoged BT, Andersen SM, Thomsen SD, Mikkelsen SL.

Nutrition. 2023 Apr;108:111964. doi: 10.1016/j.nut.2022.111964. Epub 2023 Jan 3.

<https://pubmed.ncbi.nlm.nih.gov/36682268/>

**Idiopathic pulmonary fibrosis is more strongly associated with coronary artery disease than chronic obstructive pulmonary disease.**

Bray K, Bodduluri S, Kim YI, Sthanam V, Nath H, Bhatt SP.

Respir Med. 2023 Mar 6:107195. doi: 10.1016/j.rmed.2023.107195. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36889520/>

**Change in gait speed and adverse outcomes in patients with idiopathic pulmonary fibrosis: A prospective cohort study.**

Nolan CM, Schofield SJ, Maddocks M, Patel S, Barker RE, Walsh JA, Polgar O, George PM, Molyneaux PL, Maher TM, Cullinan P, Man WD.

Respirology. 2023 Mar 23. doi: 10.1111/resp.14494. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36958946/>

**High prevalence of peripheral and carotid artery disease in patients with interstitial lung diseases.**

Stumpf MJ, Fleddermann MF, Wirtz MML, Biener L, Weinhold L, Schahab N, Weber M, Nickenig G, Skowasch D, Schaefer CA, Pizarro C.

Vasa. 2023 Mar 28. doi: 10.1024/0301-1526/a001068. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36974466/>

**Seeing through a glass darkly: Uncertainties about palliative care for patients with interstitial lung disease.**

Attia J.

Respirology. 2023 Apr 4. doi: 10.1111/resp.14501. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37015718/>

**Gait speed in idiopathic pulmonary fibrosis: Quickly stepping in the right direction.**

Khor YH, Ryerson CJ.

Respirology. 2023 Apr 5. doi: 10.1111/resp.14504. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37017098/>

**Estimating cardiopulmonary fitness with a new sampling technology in patients with rheumatoid arthritis-associated interstitial lung disease.**

Deucher RAO, Reis LDF, Papathanasiou JV, Azevedo BLPA, Oliveira JGM, da Silva MM, de Sales RC, Dos Santos BP, Ferreira AS, Lopes AJ.

Physiother Res Int. 2023 Apr 6:e2005. doi: 10.1002/pri.2005. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37022592/>

**Clinical impact of weight loss on mortality in patients with idiopathic pulmonary fibrosis: a retrospective cohort study.**

Lee JK, Chung C, Kim J, Cho HS, Kim HC.

Sci Rep. 2023 Apr 8;13(1):5774. doi: 10.1038/s41598-023-32843-7.

<https://pubmed.ncbi.nlm.nih.gov/37031256/>

**How Informed Are German Patients with Pulmonary Sarcoidosis about Their Disease?**

Buschulte K, Höger P, Ganter C, Wijsenbeek M, Kahn N, Kriegsmann K, Wilkens FM, Polke M, El-Hadi S, Lederer C, Herth FJ, Kreuter M.

Respiration. 2023 Apr 13:1-9. doi: 10.1159/000529890. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37054695/>

**ERS International Congress 2022: highlights from the Interstitial Lung Diseases Assembly.**

Karampitsakos T, Diep PP, Loth DW, Nadeem I, Khurtsidze E, Wijsenbeek MS, Wuyts WA, Bargagli E, Froidure A, Spagnolo P, Veltkamp M, Molina-Molina M, McCarthy C, Antoniou KM, Kreuter M, Moor CC.

ERJ Open Res. 2023 Apr 17;9(2):00584-2022. doi: 10.1183/23120541.00584-2022.

<https://pubmed.ncbi.nlm.nih.gov/37077550/>

**Impact of physical functional capacity on quality of life in patients with interstitial lung diseases.**

Sikora M, Jastrzębski D, Pilzak K, Ziora D, Hall B, Żebrowska A.

Respir Physiol Neurobiol. 2023 Apr 17:104064. doi: 10.1016/j.resp.2023.104064. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37076026/>

**Skeletal muscle atrophy and short-term mortality in patients with acute exacerbation of idiopathic pulmonary fibrosis: an observational cohort study.**

Ito Y, Anan K, Awano N, Kataoka Y, Johkoh T, Fujimoto K, Ichikado K, Tobino K, Tachikawa R, Ito H, Nakamura T, Kishaba T, Yamamoto Y, Inomata M, Izumo T.  
Respir Investig. 2023 Apr 18;61(4):371-378. doi: 10.1016/j.resinv.2023.02.010. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37079942/>

**Lifestyle, Genetic Susceptibility, and the Risk of Idiopathic Pulmonary Fibrosis: A large Prospective Cohort Study.**

Ma Y, Cui F, Li D, Wang J, Tang L, Xie J, Hu Y, Tian Y.

Chest. 2023 Apr 12:S0012-3692(23)00504-4. doi: 10.1016/j.chest.2023.04.008. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37059176/>

## ASTHMA

**The Effect of Threshold Loading Training and an Innovative Respiratory Training Devices with Lower Torso Sports Training in Asthma Patients: A Randomized Trial.**

Hamad SH, Hadi AH, Mohr M, Mahadevan SP, Kzar MH.

Biomed Res Int. 2023 Feb 18;2023:3049804. doi: 10.1155/2023/3049804. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36852293/>

**Short-term Evolution of Nutritional Status in Patients with Idiopathic Pulmonary Fibrosis.**

Faverio P, Fumagalli A, Conti S, Madotto F, Bini F, Harari S, Mondoni M, Oggioni T, Barisone E, Ceruti P, Papetti MC, Bodini BD, Caminati A, Valentino A, Centanni S, Lanzi P, Della Zoppa M, Crotti S, Grosso M, Sukkar SG, Modena D, Andreoli M, Nicali R, Suigo G, Busnelli S, Paciocco G, Lettieri S, Mantovani LG, Cesana G, Pesci A, Luppi F.

Ann Am Thorac Soc. 2023 Mar 1. doi: 10.1513/AnnalsATS.202211-935RL. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36857649/>

**Development and validation of an electronic daily control score for asthma (e-DASTHMA): a real-world direct patient data study.**

Sousa-Pinto B, Jácome C, Pereira AM, Regateiro FS, Almeida R, Czarlewski W, Kulus M, Shamji MH, Boulet LP, Bonini M, Brussino L, Canonica GW, Cruz AA, Gemiciglu B, Haahtela T, Kupczyk M, Kvedariene V, Larenas-Linnemann D, Louis R, Niedozytko M, Pham-Thi N, Puggioni F, Romantowski J, Sastre J, Scichilone N, Taborda-Barata L, Ventura MT, Vieira RJ, Agache I, Bedbrook A, Bergmann KC, Amaral R, Azevedo LF, Bosnic-Anticevich S, Brusselle G, Buhl R, Cecchi L, Charpin D, Loureiro CC, de Blay F, Del Giacco S, Devillier P, Jassem E, Joos G, Jutel M, Klimek L, Kuna P, Laune D, Luna Pech J, Makela M, Morais-Almeida M, Nadif R, Neffen HE, Ohta K, Papadopoulos NG, Papi A, Pétré B, Pfaar O, Yeverino DR, Cordeiro CR, Roche N, Sá-Sousa A, Samolinski B, Sheikh A, Ulrik CS, Usmani OS, Valiulis A, Vandenplas O, Vieira-Marques P, Yorgancioglu A, Zuberbier T, Anto JM, Fonseca JA, Bousquet J.

Lancet Digit Health. 2023 Mar 3:S2589-7500(23)00020-1. doi: 10.1016/S2589-7500(23)00020-1. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36872189/>

**Individualised risk prediction model for exacerbations in patients with severe asthma: protocol for a multicentre real-world risk modelling study.**

Lee TY, Sadatsafavi M, Yadav CP, Price DB, Beasley R, Janson C, Koh MS, Roy R, Chen W. BMJ Open. 2023 Mar 9;13(3):e070459. doi: 10.1136/bmjopen-2022-070459.

<https://pubmed.ncbi.nlm.nih.gov/36894199/>

**The impact of treatable traits on asthma control and quality of life.**

Janssen SM, van Helvoort HA, Tjalma TA, Antons JC, Djamin RS, Simons SO, Martijn A Spruit P, van 't Hul AJ.

J Allergy Clin Immunol Pract. 2023 Mar 7:S2213-2198(23)00239-8. doi: 10.1016/j.jaip.2023.02.034. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36893847/>

**Effectiveness of nordic walking in patients with asthma: A study protocol of a randomized controlled trial.**

Vilanova-Pereira M, Jácome C, Rial Prado MJ, Barral-Fernández M, Blanco Aparicio M, Fontán García-Boente L, Lista-Paz A.

PLoS One. 2023 Mar 9;18(3):e0281007. doi: 10.1371/journal.pone.0281007. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36893205/>

**NICE asthma guidelines: time to re-evaluate the diagnostic value of exercise challenge testing?**

Simpson AJ, Price OJ.

ERJ Open Res. 2023 Mar 6;9(2):00447-2022. doi: 10.1183/23120541.00447-2022. eCollection 2023 Mar.

<https://pubmed.ncbi.nlm.nih.gov/36891071/>

**Effect of illness perceptions on asthma control and quality of life amongst adult outpatients with asthma in China.**

Cai Q, Jin M, Li X, Zhang J, Xu Q, Ye L, Lyu Q.

BMC Psychol. 2023 Mar 12;11(1):68. doi: 10.1186/s40359-023-01097-3.

<https://pubmed.ncbi.nlm.nih.gov/36907916/>

**Identifying the asthma research priorities of people with asthma, their carers and other stakeholders.**

Majellano EC, Bell RL, Flynn AW, Mckenzie A, Sivamalai S, Goldman M, Vaughan L, Gibson PG.

Respirology. 2023 Mar 15. doi: 10.1111/resp.14492. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36921924/>

**Trait profiles in difficult-to-treat asthma: clinical impact and response to systematic assessment.**

Lin T, Jonathan P, Denton E, Lee J, Hore-Lacy F, Sverrild A, Stojanovic S, Tay TR, Murthee KG, Radhakrishna N, Dols M, Bondarenko J, Mahoney J, O'Hehir RE, Dabscheck E, Hew M.

Allergy. 2023 Mar 20. doi: 10.1111/all.15719. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36940306/>

**Epidemiological status and associated factors of frailty and pre-frailty in older adults with asthma in China: A national cross-sectional study.**

Zeng XZ, Meng LB, Jia N, Shi J, Zhang C, Li YY, Hu X, Hu JB, Li JY, Wu DS, Li H, Qi X, Wang H, Zhang QX, Li J, Liu DP.

Front Public Health. 2023 Mar 3;11:1136135. doi: 10.3389/fpubh.2023.1136135. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36935664/>

**Effect of obesity on airway and systemic inflammation in adults with asthma: a systematic review and meta-analysis.**

Scott HA, Ng SH, McLoughlin RF, Valkenborghs SR, Nair P, Brown AC, Carroll OR, Horvat JC, Wood LG.

Thorax. 2023 Mar 22;thoraxjnl-2022-219268. doi: 10.1136/thorax-2022-219268. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36948588/>

**The Relationship between Social Support, Self-Efficacy, and Asthma Outcomes in Older Adults.**

Greenfield N, Becker J, Jariwala S, Wisnivesky J, Federman A, Feldman JM.

J Asthma. 2023 Mar 27:1-18. doi: 10.1080/02770903.2023.2196560. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36972524/>

**Readability and quality of patient education material for asthma.**

Reddy A, Dunivin G, Garlapati R, Reddy S, Greiner B.

Ann Allergy Asthma Immunol. 2023 Mar 27:S1081-1206(23)00209-0. doi: 10.1016/j.anai.2023.03.021.

<https://pubmed.ncbi.nlm.nih.gov/36990204/>

**Hidden Comorbidities in Asthma: A Perspective for a Personalized Approach.**

Maule M, Olivieri B, Guarnieri G, De Franceschi L, Martinelli N, Vaia R, Argentino G, Vianello A, Senna G, Caminati M.

J Clin Med. 2023 Mar 15;12(6):2294. doi: 10.3390/jcm12062294.

<https://pubmed.ncbi.nlm.nih.gov/36983294/>

**The relationship between obstructive sleep apnea and asthma severity and vice versa: a systematic review and meta-analysis.**

Wang D, Zhou Y, Chen R, Zeng X, Zhang S, Su X, Luo Y, Tang Y, Li S, Zhuang Z, Zhao D, Ren Y, Zhang N.

Eur J Med Res. 2023 Mar 30;28(1):139. doi: 10.1186/s40001-023-01097-4.

<https://pubmed.ncbi.nlm.nih.gov/36998095/>

**A systematic review of patient-reported adherence measures in asthma: Which questionnaire is most useful in clinical practice?**

Quirke-McFarlane S, Weinman J, d'Ancona G.

J Allergy Clin Immunol Pract. 2023 Mar 28:S2213-2198(23)00344-6. doi:

10.1016/j.jaip.2023.03.034.

<https://pubmed.ncbi.nlm.nih.gov/36997118/>

**Prevalence of Uncontrolled Asthma despite Treatment with Medium- or High-Dose ICS/LABA Using Patient-Reported Outcomes in Japan: The KOCU (KnOWing the Controlled statUs of Asthma in Japan) Study.**

Ohbayashi H, Hozawa S, Bertran A, Yoshisue H, Tanaka H.

Int Arch Allergy Immunol. 2023 Mar 30;1-12. doi: 10.1159/000529251. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36996788/>

**Content Validation of Patient-Reported Sleep Measures and Development of a Conceptual Model of Sleep Disturbance in Patients with Moderate-to-Severe, Uncontrolled Asthma.**

Khan AH, Kosa K, De Prado Gomez L, Whalley D, Kamat S, Clark M.

Patient Relat Outcome Meas. 2023 Mar 23;14:57-71. doi: 10.2147/PROM.S392666.

eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36992797/>

**Development of a tool to detect small airways dysfunction in asthma clinical practice.**

Kocks J, van der Molen T, Voorham J, Baldi S, van den Berge M, Brightling C, Fabbri LM, Kraft M, Nicolini G, Papi A, Rabe KF, Siddiqui S, Singh D, Vonk J, Leving M, Flokstra-de Blok B.

Eur Respir J. 2023 Mar 30;61(3):2200558. doi: 10.1183/13993003.00558-2022. Print 2023 Mar.

<https://pubmed.ncbi.nlm.nih.gov/36517179/>

**IMPLementing IMProved Asthma self-management as RouTine (IMP2ART) in primary care: study protocol for a cluster randomised controlled implementation trial.**

McClatchey K, Hammersley V, Steed L, Sheringham J, Marsh V, Barat A, Delaney B, Hamborg T, Fitzsimmons D, Holmes S, Jackson T, Ehrlich E, Morgan N, Saxon A, Preston M, Price D, Taylor SJC, Pinnock H; IMP2 ART Programme Group.

Trials. 2023 Apr 3;24(1):252. doi: 10.1186/s13063-023-07253-9.

<https://pubmed.ncbi.nlm.nih.gov/37013577/>

**Identifying and appraising outcome measures for severe asthma: a systematic review.**

Rattu A, Khaleva E, Brightling C, Dahlén SE, Bossios A, Fleming L, Chung KF, Melén E, Djukanovic R, Chaudhuri R, Exley A, Koppelman GH, Bourdin A, Rusconi F, Porsbjerg C, Coleman C, Williams C, Nielsen H, Davin E, Taverner P, Romagosa Vilarnau S, Roberts G; 3TR Consortium Respiratory Work Package.

Eur Respir J. 2023 Apr 3;61(4):2201231. doi: 10.1183/13993003.01231-2022. Print 2023 Apr.

<https://pubmed.ncbi.nlm.nih.gov/36549712/>

**Development of Core Outcome Measures sets for paediatric and adult Severe Asthma (COMSA).**

Khaleva E, Rattu A, Brightling C, Bush A, Bossios A, Bourdin A, Chung KF, Chaudhuri R, Coleman C, Dahlén SE, Djukanovic R, Deschildre A, Fleming L, Fowler SJ, Gupta A, Hamelmann E, Hashimoto S, Hedlin G, Koppelman GH, Melén E, Murray CS, Pilette C, Porsbjerg C, Pike KC, Rusconi F, Williams C, Ahrens B, Alter P, Anckers F, van den Berge M, Blumchen K, Brusselle G, Clarke GW, Cunoosamy D, Dahlén B, Dixey P, Exley A, Frey U, Gaillard EA, Giovannini-Chami L, Grigg J, Hartenstein D, Heaney LG, Karadag B, Kaul S, Kull I,

Licari A, Maitland-van der Zee AH, Mahler V, Schoos AM, Nagakumar P, Negus J, Nielsen H, Paton J, Pijnenburg M, Ramiconi V, Romagosa Vilarnau S, Principe S, Rutjes N, Saglani S, Seddon P, Singer F, Staudinger H, Turner S, Vijverberg S, Winders T, Yasinska V, Roberts G; COMSA Working Group in the 3TR Consortium.

Eur Respir J. 2023 Apr 3;61(4):2200606. doi: 10.1183/13993003.00606-2022. Print 2023 Apr. <https://pubmed.ncbi.nlm.nih.gov/36229046/>

*with comments*

**Core outcome sets, developed collaboratively with patients, can improve the relevance and comparability of clinical trials.**

Mathioudakis AG, Khaleva E, Fally M, Williamson PR, Jensen JU, Felton TW, Brightling C, Bush A, Winders T, Linnell J, Ramiconi V, Coleman C, Welte T, Roberts G, Vestbo J.

Eur Respir J. 2023 Apr 3;61(4):2202107. doi: 10.1183/13993003.02107-2022. Print 2023 Apr. <https://pubmed.ncbi.nlm.nih.gov/37012082/>

**Defining the questions to be asked in severe asthma trials: data from the COMSA working group.**

Eiwegger T, Bendien SA.

Eur Respir J. 2023 Apr 3;61(4):2202058. doi: 10.1183/13993003.02058-2022. Print 2023 Apr. <https://pubmed.ncbi.nlm.nih.gov/37012083/>

**Treatment patterns in patients with stable COPD in China: analysis of a prospective, 52-week, nationwide, observational cohort study (REAL).**

Yang T, Cai B, Cao B, Kang J, Wen F, Chen Y, Jian W, Wang C.

Ther Adv Respir Dis. 2023 Jan-Dec;17:17534666231158283. doi: 10.1177/17534666231158283.

<https://pubmed.ncbi.nlm.nih.gov/37013442/>

**Frailty and muscle weakness in elderly patients with asthma and their association with cumulative lifetime oral corticosteroid exposure.**

Ryu K, Fukutomi Y, Nakatani E, Iwata M, Nagayama K, Yano K, Nakamura Y, Hamada Y, Watai K, Kamide Y, Sekiya K, Araya J, Kuwano K, Taniguchi M.

Allergol Int. 2023 Apr;72(2):252-261. doi: 10.1016/j.alit.2022.10.005. Epub 2022 Nov 9.

<https://pubmed.ncbi.nlm.nih.gov/36371246/>

**Prevalence and management of severe asthma in the Nordic countries: findings from the NORDSTAR cohort.**

Hansen S, von Bülow A, Sandin P, Ernstsson O, Janson C, Lehtimäki L, Kankaanranta H, Ulrik C, Aarli BB, Fues Wahl H, Geale K, Tang ST, Wolf M, Larsen T, Altraja A, Backman H, Kilpeläinen M, Viinanen A, Ludviksdottir D, Kauppi P, Sverrild A, Lehmann S, Backer V, Yasinska V, Skjold T, Karjalainen J, Bossios A, Porsbjerg C.

ERJ Open Res. 2023 Apr 3;9(2):00687-2022. doi: 10.1183/23120541.00687-2022. eCollection 2023 Mar.

<https://pubmed.ncbi.nlm.nih.gov/37020835/>

**THE BASIS FOR PROVIDING QUALITY MEDICAL SERVICES AT THE STAGE OF REHABILITATION TREATMENT FOR PATIENTS WITH ASTHMA.**

Sukhan VS, Antalovtsi OV, Pylyp VV.

Wiad Lek. 2023;76(3):481-486. doi: 10.36740/WLek202303103.

<https://pubmed.ncbi.nlm.nih.gov/37057768/>

**The associations between personality traits and mental health in people with and without asthma.**

Kang W.

J Affect Disord. 2023 Apr 17:S0165-0327(23)00483-4. doi: 10.1016/j.jad.2023.04.022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37075823/>

**Providing quality employment services to people living with asthma in the vocational rehabilitation program: A model for meeting the needs of an emerging clientele.**

Rumrill PD, Romeo JM, Wickert K, Sheppard-Jones K, Park S, Souders J.

Work. 2023 Apr 20. doi: 10.3233/WOR-236015. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37092209/>

**Less social deprivation is associated with better health-related quality of life (HRQoL) in asthma and is mediated by less anxiety and better sleep quality.**

Moitra S, Adan A, Akgun M, Anderson A, Brickstock A, Eathorne A, Tabrizi AF, Haldar P, Henderson L, Jindal A, Jindal SK, Kerget B, Khadour F, Melenka L, Moitra S, Moitra T, Mukherjee R, Semprini A, Turner AM, Murgia N, Ferrara G, Lacy P.

J Allergy Clin Immunol Pract. 2023 Apr 20:S2213-2198(23)00407-5. doi: 10.1016/j.jaip.2023.03.052. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37087095/>

**Exercise and asthma - Trigger or treatment?**

Price OJ, Simpson AJ.

Respir Med. 2023 Apr 20:107247. doi: 10.1016/j.rmed.2023.107247. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37086818/>

**The Asthma Impairment and Risk Questionnaire Enhances the Assessment of Asthma Control.**

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

Ann Allergy Asthma Immunol. 2023 Apr 25:S1081-1206(23)00308-3. doi: 10.1016/j.anai.2023.04.024. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37105501/>

## NUTRITION AND NUTRITIONAL STATUS

**Prevalence of sarcopenia in patients with COPD through different musculature measurements: An updated meta-analysis and meta-regression.**

He J, Li H, Yao J, Wang Y.

Front Nutr. 2023 Feb 16;10:1137371. doi: 10.3389/fnut.2023.1137371. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36875833/>

**Curcumin effects on chronic obstructive pulmonary disease: A systematic review.**



Safari S, Davoodi P, Soltani A, Fadavipour M, Rezaeian A, Heydari F, Khazeei Tabari MA, Akhlaghdoust M.  
Health Sci Rep. 2023 Mar 6;6(3):e1145. doi: 10.1002/hsr2.1145. eCollection 2023 Mar.  
<https://pubmed.ncbi.nlm.nih.gov/36890804/>

**Prevalence of Overweight and Obesity and Their Impact on Spirometry Parameters in Patients with Asthma: A Multicentre, Retrospective Study.**

Alqarni AA, Aldhahir AM, Siraj RA, Alqahtani JS, Alshehri HH, Alshamrani AM, Namnqani AA, Alsaidalani LN, Tawhari MN, Badr OI, Alwafi H.  
J Clin Med. 2023 Feb 25;12(5):1843. doi: 10.3390/jcm12051843.  
<https://pubmed.ncbi.nlm.nih.gov/36902630/>

**Weight loss and outcomes in subjects with progressive pulmonary fibrosis: data from the INBUILD trial.**

Kreuter M, Bendstrup E, Jouneau S, Maher TM, Inoue Y, Miede C, Lievens D, Crestani B.  
Respir Res. 2023 Mar 9;24(1):71. doi: 10.1186/s12931-023-02371-z.  
<https://pubmed.ncbi.nlm.nih.gov/36894966/>

**Association between abdominal and general obesity and respiratory symptoms, asthma and COPD. Results from the RHINE study.**

Kisiel MA, Arnfelt O, Lindberg E, Jogi O, Malinovsky A, Johannessen A, Benediktsdottir B, Franklin K, Holm M, Real FG, Sigsgaard T, Gislason T, Modig L, Janson C.  
Respir Med. 2023 Mar 16;211:107213. doi: 10.1016/j.rmed.2023.107213. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36933674/>

**Mini Nutritional Assessment Short-Form as screening tool for osteoporosis in patients with chronic obstructive pulmonary disease.**

Fujita Y, Yoshikawa M, Yamauchi M, Yamamoto Y, Osa T, Sakaguchi K, Fujioka N, Ibaraki T, Muro S.  
Asia Pac J Clin Nutr. 2023;32(1):13-18. doi: 10.6133/apjcn.202303\_32(1).0003.  
<https://pubmed.ncbi.nlm.nih.gov/36997480/>

**The impact of obesity on lung function measurements and respiratory disease: A Mendelian randomization study.**

Liu J, Xu H, Cupples LA, O' Connor GT, Liu CT.  
Ann Hum Genet. 2023 Apr 3. doi: 10.1111/ahg.12506. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37009668/>

**Nutritional State and COPD: Effects on Dyspnoea and Exercise Tolerance.**

Tramontano A, Palange P.  
Nutrients. 2023 Apr 6;15(7):1786. doi: 10.3390/nu15071786.  
<https://pubmed.ncbi.nlm.nih.gov/37049625/>

**Global prevalence of malnutrition in patients with chronic obstructive pulmonary disease: Systemic review and meta-analysis.**

Deng M, Lu Y, Zhang Q, Bian Y, Zhou X, Hou G.

Clin Nutr. 2023 Apr 11;42(6):848-858. doi: 10.1016/j.clnu.2023.04.005. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37084471/>

## ADVANCED DISEASE / END OF LIFE / PALLIATIVE CARE

### **Palliative Care Interventions in Advanced Chronic Obstructive Pulmonary Disease: An Integrative Review.**

Madiraca J, Lindell K, Coyne P, Miller S.

J Palliat Med. 2023 Mar 1. doi: 10.1089/jpm.2022.0356. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36862125/>

### **Place of death among individuals with chronic respiratory diseases in China: Trends and associated factors between 2014 and 2020.**

Tong X, Wang W, Zhang X, Yin P, Gong E, Li Y, Zhou M.

Front Public Health. 2023 Feb 20;11:1043534. doi: 10.3389/fpubh.2023.1043534. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36891344/>

### **Palliative care and end of life management in patients with idiopathic pulmonary fibrosis.**

Micco A, Carpentieri E, Di Sorbo A, Chetta A, Del Donno M.

Multidiscip Respir Med. 2023 Feb 21;18:896. doi: 10.4081/mrm.2023.896. eCollection 2023 Jan 17.

<https://pubmed.ncbi.nlm.nih.gov/36909932/>

### **Development of a Cystic Fibrosis Primary Palliative Care Intervention: Qualitative Analysis of Patient and Family Caregiver Preferences.**

Basile MJ, Dhingra L, DiFiglia S, Polo J, Portenoy R, Wang J, Walker P, Middour-Oxler B, Linnemann RW, Kier C, Friedman D, Berdella M, Abdullah R, Yonker LM, Markovitz M, Hadjiliadis D, Shiffman M, Fischer F, Pollinger S, Hardcastle M, Chaudhary N, Georgiopoulos AM.

J Patient Exp. 2023 Mar 15;10:23743735231161486. doi: 10.1177/23743735231161486. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36936380/>

### **Palliative care for interstitial lung disease: A nationwide survey of pulmonary specialists.**

Fujisawa T, Akiyama N, Morita T, Koyachi T, Matsuda Y, Mori M, Miyashita M, Tachikawa R, Tomii K, Tomioka H, Hagimoto S, Kondoh Y, Inoue Y, Suda T.

Respirology. 2023 Mar 22. doi: 10.1111/resp.14493. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36949008/>

### **The effect of an integrated palliative care intervention on quality of life and acute healthcare use in patients with COPD: Results of the COMPASSION cluster randomized controlled trial.**

Broese J, van der Kleij RM, Verschuur EM, Kerstjens HA, Bronkhorst EM, Engels Y, Chavannes NH.

Palliat Med. 2023 Mar 31;2692163231165106. doi: 10.1177/02692163231165106. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37002561/>

**Specialist Palliative Care Consultation for Patients with Nonmalignant Pulmonary Diseases: A Retrospective Study.**

Pihlaja H, Rantala H, Leivo-Korpela S, Lehtimäki L, Lehto JT, Piili RP.

Palliat Med Rep. 2023 Apr 14;4(1):108-115. doi: 10.1089/pmr.2022.0068. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37095866/>

## COMORBID CONDITIONS

**Comorbid conditions as predictors of mortality in severe COPD - an eight-year follow-up cohort study.**

Eliasson G, Janson C, Johansson G, Larsson K, Lindén A, Löfdahl CG, Sandström T, Sundh J.

Eur Clin Respir J. 2023 Feb 26;10(1):2181291. doi: 10.1080/20018525.2023.2181291.

eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36861117/>

**Assessment of incidence of cerebral vascular diseases and prediction of stroke risk in chronic obstructive pulmonary disease patients using multimodal biomarkers.**

Badr MY, Elkholy AA, Shoeib SM, Bahey MG, Mohamed EA, Reda AM.

Clin Respir J. 2023 Mar;17(3):211-228. doi: 10.1111/crj.13587.

<https://pubmed.ncbi.nlm.nih.gov/36696969/>

**A systematic review and meta-analysis of heart rate variability in COPD.**

Alqahtani JS, Aldhahir AM, Alghamdi SM, Al Ghamdi SS, AlDraiwiesh IA, Alsulayyim AS, Alqahtani AS, Alobaidi NY, Al Saikhan L, AlRabeeah SM, Alzahrani EM, Heubel AD, Mendes RG, Alqarni AA, Alanazi AM, Oyelade T.

Front Cardiovasc Med. 2023 Feb 17;10:1070327. doi: 10.3389/fcvm.2023.1070327.

eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36873414/>

**Indoor Air Pollution and Impaired Cardiac Autonomic Function in Chronic Obstructive Pulmonary Disease.**

Raju S, Woo H, Koehler K, Fawzy A, Liu C, Putcha N, Balasubramanian A, Peng RD, Lin CT, Lemoine C, Wineke J, Berger RD, Hansel NN, McCormack MC.

Am J Respir Crit Care Med. 2023 Mar 15;207(6):721-730. doi: 10.1164/rccm.202203-0523OC.

<https://pubmed.ncbi.nlm.nih.gov/36288428/>

**The Impact of Anxiety and Depression in Chronic Obstructive Pulmonary Disease.**

Rahi MS, Thilagar B, Balaji S, Prabhakaran SY, Mudgal M, Rajoo S, Yella PR, Satija P, Zagorulko A, Gunasekaran K.

Adv Respir Med. 2023 Mar 10;91(2):123-134. doi: 10.3390/arm91020011.

<https://pubmed.ncbi.nlm.nih.gov/36960961/>

**A risk-predictive model for obstructive sleep apnea in patients with chronic obstructive pulmonary disease.**

Peng T, Yuan S, Wang W, Li Z, Jumbe AM, Yu Y, Hu Z, Niu R, Wang X, Zhang J. Front Neurosci. 2023 Mar 17;17:1146424. doi: 10.3389/fnins.2023.1146424. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37008211/>

**Prevalence, associated factors, and clinical consequences of metabolic syndrome in chronic obstructive pulmonary disease patients: a 5-year prospective observational study.**

Keeratchananont W, Kaenmuang P, Geater SL, Manoret P, Thanapattaraborisuth B. Ther Adv Respir Dis. 2023 Jan-Dec;17:17534666231167342. doi: 10.1177/17534666231167342.

<https://pubmed.ncbi.nlm.nih.gov/37086118/>

**Systolic blood pressure, chronic obstructive pulmonary disease and cardiovascular risk.**

Rao S, Nazarzadeh M, Li Y, Canoy D, Mamouei M, Salimi-Khorshidi G, Rahimi K. Heart. 2023 Apr 20;heartjnl-2023-322431. doi: 10.1136/heartjnl-2023-322431. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37080767/>

**Comorbid Cognitive Impairment in Chronic Obstructive Pulmonary Disease (COPD): Current Understanding, Risk Factors, Implications for Clinical Practice, and Suggested Interventions.**

Siraj RA.

Medicina (Kaunas). 2023 Apr 8;59(4):732. doi: 10.3390/medicina59040732.

<https://pubmed.ncbi.nlm.nih.gov/37109690/>

**COPD and Depression Analysis in Regard to Obstructive Pulmonary Levels.**

Jelić I, Mihajlović G, Mihajlović F, Minić N, Ratinac M, Pantović-Stefanović M. Healthcare (Basel). 2023 Apr 19;11(8):1175. doi: 10.3390/healthcare11081175.

<https://pubmed.ncbi.nlm.nih.gov/37108009/>

**EXACERBATIONS / HOSPITALISATIONS / MORTALITY**

**Early diagnostic BioMARKers in exacerbations of chronic obstructive pulmonary disease: protocol of the exploratory, prospective, longitudinal, single-centre, observational MARKED study.**

Waeijen-Smit K, DiGiandomenico A, Bonnell J, Ostridge K, Gehrmann U, Sellman BR, Kenny T, van Kuijk S, Peerlings D, Spruit MA, Simons SO, Houben-Wilke S, Franssen FME. BMJ Open. 2023 Mar 3;13(3):e068787. doi: 10.1136/bmjopen-2022-068787.

<https://pubmed.ncbi.nlm.nih.gov/36868599/>

**The Effect of a Healthcare Services Hotline on Quality of Life and Hospital Readmissions for Patients with Chronic Obstructive Pulmonary Disease.**

Maghsoudi S, Mazloom SR, Rafiei H, Mohammadmousaei F, Ghaderi MS, Mafi MH. Home Healthc Now. 2023 Mar-Apr 01;41(2):90-97. doi: 10.1097/NHH.0000000000001144.

<https://pubmed.ncbi.nlm.nih.gov/36867482/>

**Exacerbations in COPD: a personalised approach to care.**

José Soler-Cataluña J, Miravittles M, Fernández-Villar A, Izquierdo JL, García-Rivero JL, Cosío BG, López-Campos JL, Agustí A; ANTES panellists.

Lancet Respir Med. 2023 Mar;11(3):224-226. doi: 10.1016/S2213-2600(22)00533-1.

<https://pubmed.ncbi.nlm.nih.gov/36780913/>

**Changes in mortality among patients with chronic obstructive pulmonary disease from the 1990s to the 2000s: a pooled analysis of two prospective cohort studies.**

Sato S, Oga T, Muro S, Tanimura K, Tanabe N, Nishimura K, Hirai T.

BMJ Open. 2023 Mar 7;13(3):e065896. doi: 10.1136/bmjopen-2022-065896.

<https://pubmed.ncbi.nlm.nih.gov/36882247/>

**Association Between Air Pollution and Viral Infection in Severe Acute Exacerbation of Chronic Obstructive Pulmonary Disease.**

Choi J, Shim JJ, Lee MG, Rhee CK, Joo H, Lee JH, Park HY, Kim WJ, Um SJ, Kim DK, Min KH.

J Korean Med Sci. 2023 Mar 6;38(9):e68. doi: 10.3346/jkms.2023.38.e68.

<https://pubmed.ncbi.nlm.nih.gov/36880109/>

**Blood Eosinophils and Clinical Outcomes in Inpatients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Prospective Cohort Study.**

Pu J, Yi Q, Luo Y, Wei H, Ge H, Liu H, Li X, Zhang J, Pan P, Zhou H, Zhou C, Yi M, Cheng L, Liu L, Zhang J, Peng L, Aili A, Liu Y, Zhou H; MAGNET AECOPD Registry Investigators.

Int J Chron Obstruct Pulmon Dis. 2023 Feb 28;18:169-179. doi: 10.2147/COPD.S396311. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36879668/>

**Changes in mortality among patients with chronic obstructive pulmonary disease from the 1990s to the 2000s: a pooled analysis of two prospective cohort studies.**

Sato S, Oga T, Muro S, Tanimura K, Tanabe N, Nishimura K, Hirai T.

BMJ Open. 2023 Mar 7;13(3):e065896. doi: 10.1136/bmjopen-2022-065896.

<https://pubmed.ncbi.nlm.nih.gov/36882247/>

**Use of Remote Cardiorespiratory Monitoring is Associated with a Reduction in Hospitalizations for Subjects with COPD.**

Polsky M, Moraveji N, Hendricks A, Teresi RK, Murray R, Maselli DJ.

Int J Chron Obstruct Pulmon Dis. 2023 Mar 3;18:219-229. doi: 10.2147/COPD.S388049. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36895552/>

**History of Respiratory Events Prior to a First COPD Diagnosis and Future Exacerbations: A Longitudinal Observational Cohort Database Study in Japan.**

Ding B, Zaha R, Makita N, Graham S, Lambrelli D, Huse S, Müllerová H, Nordon C, Muro S.

Int J Chron Obstruct Pulmon Dis. 2023 Mar 7;18:247-258. doi: 10.2147/COPD.S389297. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36915637/>

**Comparison of two scores for short-term outcomes in patients with COPD exacerbation in the emergency department: the Ottawa COPD Risk Scale and the DECAF score.**

Unal A, Bayram B, Ergan B, Can K, Ergun YK, Kilinc O.

ERJ Open Res. 2023 Mar 13;9(2):00436-2022. doi: 10.1183/23120541.00436-2022.

eCollection 2023 Mar.

<https://pubmed.ncbi.nlm.nih.gov/36923568/>

**Shear wave elastography of the diaphragm in acute exacerbation of chronic obstructive pulmonary disease: A prospective observational study.**

Zhang J, Zhang C, Yan L, Zhang L, Wan Y, Wang Q, Wang P, Xu J.

Medicine (Baltimore). 2023 Mar 17;102(11):e33329. doi: 10.1097/MD.00000000000033329.

<https://pubmed.ncbi.nlm.nih.gov/36930088/>

**Clinical-functional characteristics and risk of exacerbation and mortality among more symptomatic patients with chronic obstructive pulmonary disease: a retrospective cohort study.**

Song Q, Lin L, Cheng W, Li XS, Zeng YQ, Liu C, Deng MH, Liu D, Yu ZP, Li X, Ma LB, Chen Y, Cai S, Chen P.

BMJ Open. 2023 Mar 21;13(3):e065625. doi: 10.1136/bmjopen-2022-065625.

<https://pubmed.ncbi.nlm.nih.gov/36944469/>

**Chronic obstructive pulmonary disease mortality trends in Spain, 1980-2020.**

Cayuela L, Lopez-Campos JL, Gaeta AM, Reinoso-Arija R, Cayuela A.

Epidemiol Health. 2023 Mar 18:e2023036. doi: 10.4178/epih.e2023036. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36996868/>

**Two steps forward following an acute exacerbation of COPD.**

Lee AL, Cheng S, McKeough ZJ.

Respirology. 2023 Apr;28(4):305-306. doi: 10.1111/resp.14415.

<https://pubmed.ncbi.nlm.nih.gov/36394127/>

**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 Apr 4:107236. doi: 10.1016/j.rmed.2023.107236. Online ahead of print.

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

**The Role of Multidimensional Indices for Mortality Prediction in Chronic Obstructive Pulmonary Disease.**

Kotlyarov S.

Diagnostics (Basel). 2023 Apr 4;13(7):1344. doi: 10.3390/diagnostics13071344.

<https://pubmed.ncbi.nlm.nih.gov/37046562/>

**Exacerbation Risk and Mortality in COPD GOLD Group A and B Patients with and without Exacerbation History.**

Vanfleteren LEGW, Lindberg A, Zhou C, Nyberg F, Stridsman C.

Am J Respir Crit Care Med. 2023 Apr 11. doi: 10.1164/rccm.202209-1774OC. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37040482/>

**Exacerbations Predict Severe Cardiovascular Events in Patients with COPD and Stable Cardiovascular Disease-A Nationwide, Population-Based Cohort Study.**

Løkke A, Hilberg O, Lange P, Ibsen R, Telg G, Stratelis G, Lykkegaard J.

Int J Chron Obstruct Pulmon Dis. 2023 Apr 1;18:419-429. doi: 10.2147/COPD.S396790.

eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37034899/>

**Better response to Tanreqing injection in frequent acute exacerbation of chronic obstructive pulmonary disease (AECOPD) patients-Real-world evidence from a nationwide registry (ACURE) study.**

Fan G, Wang D, Wu S, Li D, Ren X, Dong F, Huang K, Chen Y, Zhang H, Wang C, Yang T.

Front Pharmacol. 2023 Mar 16;14:1118143. doi: 10.3389/fphar.2023.1118143. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37056988/>

**Machine learning reveals sex differences in clinical features of acute exacerbation of chronic obstructive pulmonary disease: A multicenter cross-sectional study.**

Chen Z, Wang J, Wang H, Yao Y, Deng H, Peng J, Li X, Wang Z, Chen X, Xiong W, Wang Q, Zhu T.

Front Med (Lausanne). 2023 Mar 28;10:1105854. doi: 10.3389/fmed.2023.1105854.

eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37056727/>

**Early Desaturation During 6-Minute Walk Test is a Predictor of Mortality in COPD.**

García-Talavera I, Figueira-Gonçalves JM, Golpe R, Esteban C, Amado C, Pérez-Méndez LI, Aramburu A, Conde-Martel A.

Lung. 2023 Apr;201(2):217-224. doi: 10.1007/s00408-023-00613-x. Epub 2023 Apr 10.

<https://pubmed.ncbi.nlm.nih.gov/37036523/>

**Continuity of care and mortality for patients with chronic disease: an observational study using Norwegian registry data.**

Pahlavanyali S, Hetlevik Ø, Baste V, Blinkenberg J, Hunskaar S.

Fam Pract. 2023 Apr 19:cmad025. doi: 10.1093/fampra/cmad025. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37074143/>

**Effect of Long-Term Oxygen Therapy on Reducing Rehospitalization of Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.**

Sami R, Savari MA, Mansourian M, Ghazavi R, Meamar R.

Pulm Ther. 2023 Apr 24. doi: 10.1007/s41030-023-00221-3. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37093408/>

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

**Healthcare experience of adults with COPD during the COVID-19 pandemic: a rapid review of international literature.**

Madawala S, Quach A, Lim JY, Varatharaj S, Perera B, Osadnik C, Barton C.  
BMJ Open Respir Res. 2023 Mar;10(1):e001514. doi: 10.1136/bmjresp-2022-001514.  
<https://pubmed.ncbi.nlm.nih.gov/36858459/>

**Characteristics and outcomes of COVID-19 patients with COPD from the United States, South Korea, and Europe.**

Moreno-Martos D, Verhamme K, Ostropolets A, Kostka K, Duarte-Sales T, Prieto-Alhambra D, Alshammari TM, Alghoul H, Ahmed WU, Blacketer C, DuVall S, Lai L, Matheny M, Nyberg F, Posada J, Rijnbeek P, Spotnitz M, Sena A, Shah N, Suchard M, Chan You S, Hripcsak G, Ryan P, Morales D.  
Wellcome Open Res. 2022 Mar 24;7:22. doi: 10.12688/wellcomeopenres.17403.2.  
eCollection 2022.  
<https://pubmed.ncbi.nlm.nih.gov/36845321/>

**One-Year Adverse Outcomes Among US Adults With Post-COVID-19 Condition vs Those Without COVID-19 in a Large Commercial Insurance Database.**

DeVries A, Shambhu S, Sloop S, Overhage JM.  
JAMA Health Forum. 2023 Mar 3;4(3):e230010. doi: 10.1001/jamahealthforum.2023.0010.  
<https://pubmed.ncbi.nlm.nih.gov/36867420/>

**Randomized controlled trial of home-based vs. hospital-based pulmonary rehabilitation in post COVID-19 patients.**

Vallier JM, Simon C, Bronstein A, Dumont M, Jobic A, Paleiron N, Mely L.  
Eur J Phys Rehabil Med. 2023 Feb;59(1):103-110. doi: 10.23736/S1973-9087.22.07702-4.  
<https://pubmed.ncbi.nlm.nih.gov/36700245/>

**Tele-pulmonary rehabilitation with face to face in COVID-19 pandemic: A hybrid modeling.**

Satar S, Şahin ME, Karamanlı H, Demir N, Ergün P.  
Tuberk Toraks. 2023 Mar;71(1):58-66. doi: 10.5578/tt.20239908.  
<https://pubmed.ncbi.nlm.nih.gov/36912410/>

**Prevalence of physical frailty, including risk factors, up to 1 year after hospitalisation for COVID-19 in the UK: a multicentre, longitudinal cohort study.**

McAuley HJC, Evans RA, Bolton CE, Brightling CE, Chalmers JD, Docherty AB, Elneima O, Greenhaff PL, Gupta A, Harris VC, Harrison EM, Ho LP, Horsley A, Houchen-Wolloff L, Jolley CJ, Leavy OC, Lone NI, Man WD, Marks M, Parekh D, Poinasamy K, Quint JK, Raman B, Richardson M, Saunders RM, Sereno M, Shikotra A, Singapuri A, Singh SJ, Steiner M, Tan AL, Wain LV, Welch C, Whitney J, Witham MD, Lord J, Greening NJ; PHOSP-COVID Study Collaborative Group.  
EClinicalMedicine. 2023 Mar 11;57:101896. doi: 10.1016/j.eclinm.2023.101896. eCollection 2023 Mar.  
<https://pubmed.ncbi.nlm.nih.gov/36936404/>



**Residual Lung Abnormalities after COVID-19 Hospitalization: Interim Analysis of the UKILD Post-COVID-19 Study.**

Stewart I, Jacob J, George PM, Molyneaux PL, Porter JC, Allen RJ, Aslani S, Baillie JK, Barratt SL, Beirne P, Bianchi SM, Blaikley JF, Chalmers JD, Chambers RC, Chadhuri N, Coleman C, Collier G, Denny EK, Docherty A, Elneima O, Evans RA, Fabbri L, Gibbons MA, Gleeson FV, Goptu B, Greening NJ, Guio BG, Hall IP, Hanley NA, Harris V, Harrison EM, Heightman M, Hillman TE, Horsley A, Houchen-Wolloff L, Jarrold I, Johnson SR, Jones MG, Khan F, Lawson R, Leavy O, Lone N, Marks M, McAuley H, Mehta P, Parekh D, Hanley KP, Platé M, Pearl J, Poinasamy K, Quint JK, Raman B, Richardson M, Rivera-Ortega P, Saunders L, Saunders R, Semple MG, Sereno M, Shikotra A, Simpson AJ, Singapuri A, Smith DJF, Spears M, Spencer LG, Stanel S, Thickett DR, Thompson AAR, Thorpe M, Walsh SLF, Walker S, Weatherley ND, Weeks ME, Wild JM, Wootton DG, Brightling CE, Ho LP, Wain LV, Jenkins GR.  
Am J Respir Crit Care Med. 2023 Mar 15;207(6):693-703. doi: 10.1164/rccm.202203-0564OC.  
<https://pubmed.ncbi.nlm.nih.gov/36457159/>

**Efficacy of pulmonary rehabilitation in patients with post-acute COVID-19.**

Hantal AO, Kayhan S, Sagmen SB, Soy M.  
Eur Rev Med Pharmacol Sci. 2023 Mar;27(5):2117-2126. doi:  
10.26355/eurrev\_202303\_31583.  
<https://pubmed.ncbi.nlm.nih.gov/36930511/>

**Post-COVID interstitial lung disease in symptomatic patients after COVID-19 disease.**

Fesu D, Polivka L, Barczy E, Foldesi M, Horvath G, Hidvegi E, Bohacs A, Muller V.  
Inflammopharmacology. 2023 Mar 24:1-7. doi: 10.1007/s10787-023-01191-3. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36961666/>

**Effects of sleep disturbance on dyspnoea and impaired lung function following hospital admission due to COVID-19 in the UK: a prospective multicentre cohort study.**

Jackson C, Stewart ID, Plekhanova T, Cunningham PS, Hazel AL, Al-Shekkly B, Aul R, Bolton CE, Chalder T, Chalmers JD, Chaudhuri N, Docherty AB, Donaldson G, Edwardson CL, Elneima O, Greening NJ, Hanley NA, Harris VC, Harrison EM, Ho LP, Houchen-Wolloff L, Howard LS, Jolley CJ, Jones MG, Leavy OC, Lewis KE, Lone NI, Marks M, McAuley HJC, McNarry MA, Patel BV, Piper-Hanley K, Poinasamy K, Raman B, Richardson M, Rivera-Ortega P, Rowland-Jones SL, Rowlands AV, Saunders RM, Scott JT, Sereno M, Shah AM, Shikotra A, Singapuri A, Stanel SC, Thorpe M, Wootton DG, Yates T, Gisli Jenkins R, Singh SJ, Man WD, Brightling CE, Wain LV, Porter JC, Thompson AAR, Horsley A, Molyneaux PL, Evans RA, Jones SE, Rutter MK, Blaikley JF; PHOSP-COVID Study Collaborative Group.  
Lancet Respir Med. 2023 Apr 14:S2213-2600(23)00124-8. doi: 10.1016/S2213-2600(23)00124-8. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37072018/>

**PERSPECTIVES / STATEMENTS / EDITORIALS**

**Global Initiative for Chronic Obstructive Lung Disease 2023 Report: GOLD Executive Summary.**

Agustí A, Celli BR, Criner GJ, Halpin D, Anzueto A, Barnes P, Bourbeau J, Han MK, Martinez FJ, de Oca MM, Mortimer K, Papi A, Pavord I, Roche N, Salvi S, Sin DD, Singh D, Stockley R, López Varela MV, Wedzicha JA, Vogelmeier CF.

Am J Respir Crit Care Med. 2023 Mar 1. doi: 10.1164/rccm.202301-0106PP. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36858443/>

**FEV1 and pulmonary rehabilitation: Let's get the facts straight.**

Spruit MA, Franssen FME.

Respirology. 2023 Mar 1. doi: 10.1111/resp.14482. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36855923/>

**Thoracic Society of Australia and New Zealand (TSANZ) position statement on chronic suppurative lung disease and bronchiectasis in children, adolescents and adults in Australia and New Zealand.**

Chang AB, Bell SC, Byrnes CA, Dawkins P, Holland AE, Kennedy E, King PT, Laird P, Mooney S, Morgan L, Parsons M, Poot B, Toombs M, Torzillo PJ, Grimwood K.

Respirology. 2023 Mar 2. doi: 10.1111/resp.14479. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36863703/>

**The Danish respiratory society guideline for long-term high flow nasal cannula treatment, with or without supplementary oxygen.**

Weinreich UM, Juhl KS, Sjøby Christophersen M, Gundestrup S, Hanifa MA, Jensen K, Andersen FD, Hilberg O, Storgaard LH.

Eur Clin Respir J. 2023 Feb 23;10(1):2178600. doi: 10.1080/20018525.2023.2178600. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36861118/>

**Chronic obstructive pulmonary disease: 10 years of precision-guided success.**

Ramakrishnan S.

Lancet Respir Med. 2023 Mar;11(3):227-228. doi: 10.1016/S2213-2600(23)00013-9.

<https://pubmed.ncbi.nlm.nih.gov/36863785/>

**Screening for COPD: Challenging the United States Preventive Services Task Force Recommendation.**

Celli B.

Chest. 2023 Mar;163(3):481-483. doi: 10.1016/j.chest.2022.09.018.

<https://pubmed.ncbi.nlm.nih.gov/36894260/>

**Don't Forget to Look Both Ways: The Role of Blood Eosinophil Counts in Identifying Subgroups and Susceptibility in COPD Patients.**

Harries TH, Russell REK.

Chest. 2023 Mar;163(3):467-468. doi: 10.1016/j.chest.2022.12.008.

<https://pubmed.ncbi.nlm.nih.gov/36894253/>

**Air Pollution and COPD: GOLD 2023 committee REport.**

Sin DD, Doiron D, Agusti A, Anzueto A, Barnes PJ, Celli BR, Criner GJ, Halpin D, Han MK, Martinez FJ, Montes de Oca M, Papi A, Pavord I, Roche N, Singh D, Stockley R, Lopez Varlera MV, Wedzicha J, Vogelmeier C, Bourbeau J; GOLD Scientific Committee.

Eur Respir J. 2023 Mar 23;2202469. doi: 10.1183/13993003.02469-2022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36958741/>

**Global Initiative for Chronic Obstructive Lung Disease 2023 Report: GOLD Executive Summary.**

Agustí A, Celli BR, Criner GJ, Halpin D, Anzueto A, Barnes P, Bourbeau J, Han MK, Martinez FJ, Montes de Oca M, Mortimer K, Papi A, Pavord I, Roche N, Salvi S, Sin DD, Singh D, Stockley R, López Varela MV, Wedzicha JA, Vogelmeier CF.

Arch Bronconeumol. 2023 Apr;59(4):232-248. doi: 10.1016/j.arbres.2023.02.009. Epub 2023 Mar 1.

<https://pubmed.ncbi.nlm.nih.gov/36933949/>

**Global Initiative for Chronic Obstructive Lung Disease 2023 Report: GOLD Executive Summary.**

Agustí A, Celli BR, Criner GJ, Halpin D, Anzueto A, Barnes P, Bourbeau J, Han MK, Martinez FJ, de Oca MM, Mortimer K, Papi A, Pavord I, Roche N, Salvi S, Sin DD, Singh D, Stockley R, Varela MVL, Wedzicha JA, Vogelmeier CF.

Respirology. 2023 Apr;28(4):316-338. doi: 10.1111/resp.14486. Epub 2023 Mar 1.

<https://pubmed.ncbi.nlm.nih.gov/36856440/>

**One Size Does Not Fit All: Risk Stratification for COPD Exacerbations.**

Kendzierska T, Gershon AS.

Chest. 2023 Apr;163(4):733-735. doi: 10.1016/j.chest.2023.01.002.

<https://pubmed.ncbi.nlm.nih.gov/37031974/>

**Clinicians' and Researchers' Perspectives on a New Chronic Obstructive Pulmonary Disease Exacerbation Definition: Rome Wasn't Built in a Day.**

Althobiani MA, Shah AJ, Khan B, Hurst JR.

Am J Respir Crit Care Med. 2023 Apr 15;207(8):1095-1097. doi: 10.1164/rccm.202210-1949LE.

<https://pubmed.ncbi.nlm.nih.gov/36656550/>

**OTHER**

**Associations Between Self-Management Behaviors and Psychological Resilience in Patients With COPD.**

Chang EM, Chen LS, Li YT, Chen CT.

Respir Care. 2023 Feb 28;respca.10416. doi: 10.4187/respcare.10416. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36854468/>

**Effects of creative dance on functional capacity, pulmonary function, balance, and cognition in COPD patients: A randomized controlled trial.**

Kaya M, Gurses HN, Ucgun H, Okyaltirik F.  
Heart Lung. 2023 Mar-Apr;58:13-20. doi: 10.1016/j.hrtlng.2022.10.017.  
<https://pubmed.ncbi.nlm.nih.gov/36335909/>

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

Dharmage SC, Bui DS, Walters EH, Lowe AJ, Thompson B, Bowatte G, Thomas P, Garcia-Aymerich J, Jarvis D, Hamilton GS, Johns DP, Frith P, Senaratna CV, Idrose NS, Wood-Baker RR, Hopper J, Gurrin L, Erbas B, Washko GR, Faner R, Agusti A, Abramson MJ, Lodge CJ, Perret JL.

Lancet Respir Med. 2023 Mar;11(3):273-282. doi: 10.1016/S2213-2600(22)00364-2.  
<https://pubmed.ncbi.nlm.nih.gov/36244396/>

**A cross sectional pilot study to assess the role of phthalates on respiratory morbidity among patients with chronic obstructive pulmonary disease.**

Quirós-Alcalá L, Belz DC, Woo H, Lorzio W, Putcha N, Koehler K, McCormack M, Hansel NN.  
Environ Res. 2023 Mar 7:115622. doi: 10.1016/j.envres.2023.115622. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36894111/>

**A Learning Needs Assessment in Participants with Chronic Obstructive Pulmonary Disease: A Pilot Study.**

Collins K, Russian C, Gardner D, Collins M.  
J Allied Health. 2023 Spring;52(1):e23-e29.  
<https://pubmed.ncbi.nlm.nih.gov/36892864/>

**A scoping review of Co-creation practice in the development of non-pharmacological interventions for people with Chronic Obstructive Pulmonary Disease: A health CASCADE study.**

An Q, Sandlund M, Agnello D, McCaffrey L, Chastin S, Helleday R, Wadell K.  
Respir Med. 2023 Mar 6:107193. doi: 10.1016/j.rmed.2023.107193. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36889517/>

**The Bidirectional Gut-Lung Axis in COPD.**

Wang L, Cai Y, Garssen J, Henricks PAJ, Folkerts G, Braber S.  
Am J Respir Crit Care Med. 2023 Mar 8. doi: 10.1164/rccm.202206-1066TR. Online ahead of print.

**Association of pectoralis muscle area on computed tomography with airflow limitation severity and respiratory outcomes in COPD: A population-based prospective cohort study.**

Zhou K, Wu F, Zhao N, Zheng Y, Deng Z, Yang H, Wen X, Xiao S, Yang C, Chen S, Zhou Y, Ran P; ECOPD study investigators.  
Pulmonology. 2023 Mar 10:S2531-0437(23)00039-9. doi: 10.1016/j.pulmoe.2023.02.004.  
Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36907812/>

**A qualitative study of the sources of chronic obstructive pulmonary disease-related emotional distress.**

Zanolari D, Händler-Schuster D, Clarenbach C, Schmid-Mohler G.  
Chron Respir Dis. 2023 Jan-Dec;20:14799731231163873. doi: 10.1177/14799731231163873.  
<https://pubmed.ncbi.nlm.nih.gov/36898089/>

**Acceptability of a peer-led self-management program for people living with chronic obstructive pulmonary disease in regional Southern Tasmania in Australia: A qualitative study.**

Mudgingwa IT, Ayton JE.  
Chronic Illn. 2023 Mar 9;17423953231163450. doi: 10.1177/17423953231163450. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36895141/>

**Relationship between patient functionality impairment and caregiver burden: is there a cut-off point for the severe COPD patient?**

Granados Santiago M, Romero Fernández R, Calvache Mateo A, Heredia Ciuro A, Martin Nuñez J, López López L, Valenza MC.  
Expert Rev Respir Med. 2023 Mar 16. doi: 10.1080/17476348.2023.2190887. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/?term=copd&sort=date>

**Hypoxia-altitude simulation test to predict altitude-related adverse health effects in COPD patients.**

Bauer M, Müller J, Schneider SR, Buenzli S, Furian M, Ulrich T, Carta AF, Bader PR, Lichtblau M, Taalaibekova A, Raimberdiev M, Champigneulle B, Sooronbaev T, Bloch KE, Ulrich S.  
ERJ Open Res. 2023 Mar 13;9(2):00488-2022. doi: 10.1183/23120541.00488-2022.  
eCollection 2023 Mar.  
<https://pubmed.ncbi.nlm.nih.gov/36923563/>

**Global Initiative for Chronic Obstructive Lung Disease 2023 Report: GOLD Executive Summary.**

Agustí A, Celli BR, Criner GJ, Halpin D, Anzueto A, Barnes P, Bourbeau J, Han MK, Martinez FJ, de Oca MM, Mortimer K, Papi A, Pavord I, Roche N, Salvi S, Sin DD, Singh D, Stockley R, López Varela MV, Wedzicha JA, Vogelmeier CF.  
Eur Respir J. 2023 Mar 3;2300239. doi: 10.1183/13993003.00239-2023. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/36933949/>

*with comment*

**Pushing (for) GOLD.**

Dransfield M, Kalhan R, Stolz D.  
Eur Respir J. 2023 Apr 1;61(4):2300366. doi: 10.1183/13993003.00366-2023. Print 2023 Apr.  
<https://pubmed.ncbi.nlm.nih.gov/37003615/>

**Do not diagnose or routinely treat asthma or chronic obstructive pulmonary disease without pulmonary function testing.**

Gupta S, Thériault G.  
BMJ. 2023 Mar 20;380:e072834. doi: 10.1136/bmj-2022-072834.  
<https://pubmed.ncbi.nlm.nih.gov/36940980/>

**Comparison of newly diagnosed COPD patients and the non-COPD residents in Shanghai Minhang District.**

Yin X, Zheng Z, Dong Y, Li J, Yang S, Xu Q, Hou S, Zang Y, Ding H, Xie J, Jie Z, Jiang Q, Shi J, Wang N.

Front Public Health. 2023 Mar 1;11:1102509. doi: 10.3389/fpubh.2023.1102509. eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/36935678/>

**Improved exercise capacity results in a survival benefit after endobronchial valve treatment.**

Roodenburg SA, Slebos DJ, van Dijk M, Koster TD, Klooster K, Hartman JE.

Respir Med. 2023 Apr-May;210:107175. doi: 10.1016/j.rmed.2023.107175. Epub 2023 Feb 28.

<https://pubmed.ncbi.nlm.nih.gov/36858325/>

**Taking Charge After Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Randomized Controlled Feasibility Trial of a Psychologically Informed Self-Management Intervention.**

Levack WMM, Weatherall M, McNaughton HK, McNaughton AA, Hobman A, Jones B, Ingham TR, Fingleton J.

Int J Chron Obstruct Pulmon Dis. 2023 Mar 15;18:317-325. doi: 10.2147/COPD.S393644. eCollection 2023

<https://pubmed.ncbi.nlm.nih.gov/36945705/>

**Preterm birth and asthma and COPD in adulthood: a nationwide register study from two Nordic countries.**

Pulakka A, Risnes K, Metsälä J, Alenius S, Heikkilä K, Nilsen SM, Näsänen-Gilmore P, Haaramo P, Gissler M, Opdahl S, Kajantie E.

Eur Respir J. 2023 Mar 29:2201763. doi: 10.1183/13993003.01763-2022. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/36990472/>

**Breathing Control Exercises Delivered in a Group Setting for Patients with Chronic Obstructive Pulmonary Disease: A Randomized Controlled Trial.**

Cazorla S, Busegnies Y, D'Ans P, Héritier M, Poncin W.

Healthcare (Basel). 2023 Mar 17;11(6):877. doi: 10.3390/healthcare11060877.

<https://pubmed.ncbi.nlm.nih.gov/36981534/>

**The impact of impaired sleep quality on symptom change and future exacerbation of chronic obstructive pulmonary disease.**

Lin L, Song Q, Duan J, Liu C, Cheng W, Zhou A, Peng Y, Zhou Z, Zeng Y, Chen Y, Cai S, Chen P.

Respir Res. 2023 Mar 30;24(1):98. doi: 10.1186/s12931-023-02405-6.

<https://pubmed.ncbi.nlm.nih.gov/36998013/>

**Online comic-based art workshops as an innovative patient and public involvement and engagement approach for people with chronic breathlessness.**

Harrison SL, Lawrence J, Suri S, Rapley T, Loughran K, Edwards J, Roberts L, Martin D, Lally JE.

Res Involv Engagem. 2023 Mar 30;9(1):19. doi: 10.1186/s40900-023-00423-8.  
<https://pubmed.ncbi.nlm.nih.gov/36997996/>

**A mixed methods study of Aboriginal health workers' and exercise physiologists' experiences of co-designing chronic lung disease 'yarning' education resources.**

Meharg DP, Dennis SM, McNab J, Gwynne KG, Jenkins CR, Maguire GP, Jan S, Shaw T, McKeough Z, Rambaldini B, Lee V, McCowen D, Newman J, Monaghan S, Longbottom H, Eades SJ, Alison JA.

BMC Public Health. 2023 Mar 31;23(1):612. doi: 10.1186/s12889-023-15508-y.  
<https://pubmed.ncbi.nlm.nih.gov/36997963/>

**Psychological distress and its associated factors among patients with chronic obstructive pulmonary disease in Hunan, China: a cross-sectional study.**

Wang C, Yan J, Ma C.

Sci Rep. 2023 Mar 30;13(1):5199. doi: 10.1038/s41598-023-32408-8.  
<https://pubmed.ncbi.nlm.nih.gov/36997614/>

**Residential surrounding greenness is associated with improved lung function in adults: a cross-sectional study in eastern China.**

Zhang W, Peng W, Cai J, Jiang Y, Zhou C, Zha Z, Mi J.

BMC Public Health. 2023 Apr 3;23(1):632. doi: 10.1186/s12889-023-15473-6.  
<https://pubmed.ncbi.nlm.nih.gov/37013488/>

**Investigation of time profile of FEV1 across the onset of potential COPD: a retrospective cohort study using medical checkup data in Japan.**

Suzuki M, Matsumoto I, Ishida M, Horie Y, Ban H, Takeuchi W, Nakagawa S, Nakagawa T, Kitamura T, Muro S.

Sci Rep. 2023 Apr 3;13(1):5454. doi: 10.1038/s41598-023-32205-3.  
<https://pubmed.ncbi.nlm.nih.gov/37012340/>

**Prediction of persistent chronic cough in patients with chronic cough using machine learning.**

Chen W, Schatz M, Zhou Y, Xie F, Bali V, Das A, Schelfhout J, Stern JA, Zeiger RS.

ERJ Open Res. 2023 Mar 27;9(2):00471-2022. doi: 10.1183/23120541.00471-2022.  
eCollection 2023 Mar.

<https://pubmed.ncbi.nlm.nih.gov/37009024/>

**Factors Associated with the Non-Exacerbator Phenotype of Chronic Obstructive Pulmonary Disease.**

Bouhuis D, Giezeman M, Hasselgren M, Janson C, Kisiel MA, Lisspers K, Montgomery S, Nager A, Sandelowsky H, Ställberg B, Sundh J.

Int J Chron Obstruct Pulmon Dis. 2023 Apr 6;18:483-492. doi: 10.2147/COPD.S392070.  
eCollection 2023.

<https://pubmed.ncbi.nlm.nih.gov/37051115/>

**Main Pathogenic Mechanisms and Recent Advances in COPD Peripheral Skeletal Muscle Wasting.**

Henrot P, Dupin I, Schilfarth P, Esteves P, Blervaque L, Zysman M, Gouzi F, Hayot M, Pomiès P, Berger P.

Int J Mol Sci. 2023 Mar 29;24(7):6454. doi: 10.3390/ijms24076454.

<https://pubmed.ncbi.nlm.nih.gov/37047427/>

**The experience of caregiver burden when being next of kin to a person with severe chronic obstructive pulmonary disease: A qualitative study.**

Johansson H, Berterö C, Jonasson LL, Berg K.

Chron Respir Dis. 2023 Jan-Dec;20:14799731231168897. doi: 10.1177/14799731231168897.

<https://pubmed.ncbi.nlm.nih.gov/37042067/>

**Most patients with COPD are unaware of their health threats and are not diagnosed: a national-level study using pulmonary function test.**

Park MB, Lee TS, Lee JH, Lee J.

Sci Rep. 2023 Apr 11;13(1):5893. doi: 10.1038/s41598-023-32485-9.

<https://pubmed.ncbi.nlm.nih.gov/37041257/>

**Impact of cognitive capacity on physical performance in chronic obstructive pulmonary disease patients: A scoping review.**

Rassam P, Pazzianotto-Forti EM, Matsumura U, Orchanian-Cheff A, Aliabadi S, Kulkarni M, Fat Fur RL, Rodrigues A, Langer D, Rozenberg D, Reid WD.

Chron Respir Dis. 2023 Jan-Dec;20:14799731231163874. doi: 10.1177/14799731231163874.

<https://pubmed.ncbi.nlm.nih.gov/37029090/>

**Is manual therapy of the diaphragm effective for people with obstructive lung diseases? A systematic review.**

Tsimouris D, Arvanitidis M, Moutzouri M, Koumantakis GA, Gioftsos G, Papandreou M, Grammatopoulou E.

Respir Med Res. 2023 Feb 15;83:101002. doi: 10.1016/j.resmer.2023.101002. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37027895/>

**Chronic Obstructive Pulmonary Disease and Work: The Continuing Narrative.**

Fishwick D, Barber C, Wiggans R.

Semin Respir Crit Care Med. 2023 Apr 17. doi: 10.1055/s-0043-1764408. Online ahead of print.

<https://pubmed.ncbi.nlm.nih.gov/37068517/>

**Efficacy of acupuncture therapy for stable chronic obstructive pulmonary disease: A systematic review and meta-analysis.**

Fan S, Zhang Z, Wang Q.

Medicine (Baltimore). 2023 Apr 14;102(15):e33537. doi: 10.1097/MD.00000000000033537.

<https://pubmed.ncbi.nlm.nih.gov/37058051/>

**Factors affecting work productivity and activity impairment among chronic obstructive pulmonary disease patients.**

Abdelwahab HW, Sehsah R, El-Gilany AH, Shehta M.



Ind Health. 2023 Apr 21. doi: 10.2486/indhealth.2022-0174. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37081622/>

**Heterogeneity of asthma-chronic obstructive pulmonary disease (COPD) overlap from a cohort of patients with severe asthma and COPD.**

Choi JY, Rhee CK, Yoo KH, Jung KS, Lee JH, Yoon HK, Ra SW, Lee MG, Jo YS.  
Ther Adv Respir Dis. 2023 Jan-Dec;17:17534666231169472. doi:  
10.1177/17534666231169472.  
<https://pubmed.ncbi.nlm.nih.gov/37096829/>

**Prognostic Properties of the GOLD 2023 Classification System.**

Brat K, Svoboda M, Zatloukal J, Plutinsky M, Volakova E, Popelkova P, Novotna B, Dvorak T, Koblizek V.  
Int J Chron Obstruct Pulmon Dis. 2023 Apr 20;18:661-667. doi: 10.2147/COPD.S410372.  
eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37114105/>

**Efficacy of supplemental oxygen for dyspnea relief in patients with advanced progressive illness: A systematic review and meta-analysis.**

Hasegawa T, Ochi T, Goya S, Matsuda Y, Kako J, Watanabe H, Kasahara Y, Kohara H, Mori M, Nakayama T, Yamaguchi T.  
Respir Investig. 2023 Apr 25;61(4):418-437. doi: 10.1016/j.resinv.2023.03.005. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37105126/>

**Clinical impact of routine sleep assessment by peripheral arterial tonometry in patients with COPD.**

Hansson D, Andersson A, Vanfleteren LEGW, Andelid K, Zou D, Hedner J, Grote L.  
ERJ Open Res. 2023 Apr 24;9(2):00458-2022. doi: 10.1183/23120541.00458-2022.  
eCollection 2023 Mar  
<https://pubmed.ncbi.nlm.nih.gov/37101736/>

**Cognitive impairment according to Montreal Cognitive Assessment independently predicts the ability of chronic obstructive pulmonary disease patients to maintain proper inhaler technique.**

Iamthanaporn C, Wisitsartkul A, Chuaychoo B.  
BMC Pulm Med. 2023 Apr 26;23(1):144. doi: 10.1186/s12890-023-02448-x.  
<https://pubmed.ncbi.nlm.nih.gov/37101175/>