



ERS literature update September-October 2019

Composed for group 1.02 by Anouk W. Vaes, PhD and Sarah Houben-Wilke, PhD of the department of Development and Education in CIRO, Horn, the Netherlands

PULMONARY REHABILITATION

Comparison of Compliance Rates and Treatment Efficiency in Home-Based with Hospital-Based Pulmonary Rehabilitation in COPD.

Pehlivan E, Yazar E, Balcı A, Kılıç L.

Turk Thorac J. 2019 Jul 1;20(3):192-197. doi: 10.5152/TurkThoracJ.2019.18060.

<https://www.ncbi.nlm.nih.gov/pubmed/31479415>

Effects of a comprehensive, inpatient pulmonary rehabilitation programme in a cachectic patient with very severe COPD and chronic respiratory failure.

Franssen FME, Vanfleteren LEGW, Janssen DJA, Wouters EFM, Spruit MA.

Breathe (Sheff). 2019 Sep;15(3):227-233. doi: 10.1183/20734735.0186-2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31508160>

Improving acceptance and uptake of pulmonary rehabilitation after acute exacerbation of COPD: Acceptability, feasibility, and safety of a PR "taster" session delivered before hospital discharge.

Milner SC, Bourbeau J, Ahmed S, Janaudis-Ferreira T.

Chron Respir Dis. 2019 Jan-Dec;16:1479973119872517. doi: 10.1177/1479973119872517.

<https://www.ncbi.nlm.nih.gov/pubmed/31505942>

The lay health worker-patient relationship in promoting pulmonary rehabilitation (PR) in COPD: What makes it work?

Gilworth G, Lewin S, Wright AJ, Taylor SJ, Tuffnell R, Hogg L, Hopkinson NS, Singh SJ, White P.

Chron Respir Dis. 2019 Jan-Dec;16:1479973119869329. doi: 10.1177/1479973119869329.

<https://www.ncbi.nlm.nih.gov/pubmed/31450952>

Impact of Disease-Specific Fears on Pulmonary Rehabilitation Trajectories in Patients with COPD.

Janssens T, Van de Moortel Z, Geidl W, Carl J, Pfeifer K, Leibert N, Wittmann M, Schultz K, von Leupoldt A.

J Clin Med. 2019 Sep 13;8(9). pii: E1460. doi: 10.3390/jcm8091460.

<https://www.ncbi.nlm.nih.gov/pubmed/31540306>

Community-based pulmonary rehabilitation during acute exacerbation of chronic obstructive pulmonary disease: Pilling up the evidence.

Boutou AK, Kontakiotis T.

Pulmonology. 2019 Sep 24. pii: S2531-0437(19)30136-9. doi: 10.1016/j.pulmoe.2019.07.005. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31562045>

Pulmonary rehabilitation for people with chronic obstructive pulmonary disease: A protocol for an overview of Cochrane reviews.

Araujo ZT, Mendonça KMPP, Souza BMM, Santos TZM, Chaves GSS, Andriolo BNG, Nogueira PAMS.

Medicine (Baltimore). 2019 Sep;98(38):e17129. doi: 10.1097/MD.00000000000017129.

<https://www.ncbi.nlm.nih.gov/pubmed/31567952>

Association of psychological flexibility with engagement in pulmonary rehabilitation following an acute exacerbation of chronic obstructive pulmonary disease.

Fernandes-James C, Graham CD, Batterham AM, Harrison SL.

Chron Respir Dis. 2019 Jan-Dec;16:1479973119880893. doi: 10.1177/1479973119880893.

<https://www.ncbi.nlm.nih.gov/pubmed/31569958>

Comparison of unsupervised home-based pulmonary rehabilitation versus supervised hospital outpatient pulmonary rehabilitation in patients with chronic obstructive pulmonary disease.

Candemir I, Ergun P, Kaymaz D, Demir N, McCurdy SA.

Expert Rev Respir Med. 2019 Oct 1. doi: 10.1080/17476348.2019.1675516. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31575305>

What still prevents to acknowledge a major role for pulmonary rehabilitation in COPD treatment?

Incorvaia C, Panella L, Caserta A, Pellicelli I, Ridolo E.

Acta Biomed. 2019 Sep 6;90(3):218-224. doi: 10.23750/abm.v90i3.8369.

<https://www.ncbi.nlm.nih.gov/pubmed/31580317>

Effects of a high-intensity pulmonary rehabilitation program on the minute ventilation/carbon dioxide output slope during exercise in a cohort of patients with COPD undergoing lung resection for non-small cell lung cancer.

Perrotta F, Cennamo A, Cerqua FS, Stefanelli F, Bianco A, Musella S, Rispoli M, Salvi R, Meoli I.

J Bras Pneumol. 2019 Oct 14;45(6):e20180132. doi: 10.1590/1806-3713/e20180132. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31618297>

Benefits of different intensities of pulmonary rehabilitation for patients with moderate-to-severe COPD according to the GOLD stage: a prospective, multicenter, single-blinded, randomized, controlled trial.

He GX, Li N, Ren L, Shen HH, Liao N, Wen JJ, Xu YM, Wang J, Li QY.

Int J Chron Obstruct Pulmon Dis. 2019 Oct 8;14:2291-2304. doi: 10.2147/COPD.S214836. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31631999>

Implementation of a real-world based ICF set for the rehabilitation of respiratory diseases: a pilot study.

Vitacca M, Giardini A, Corica G, Ceriana P, Carone M, Balbi B, Fracchia C, Maniscalco M, Fanfulla F, Sarno N, Raccanelli R, Traversoni S, Spanevello A.

Minerva Med. 2019 Oct 14. doi: 10.23736/S0026-4806.19.06261-X. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31638363>

EXERCISE TESTING AND TRAINING

"Let's Boogie": FEASIBILITY OF A DANCE INTERVENTION IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE.

Wshah A¹, Butler S, Patterson K, Goldstein R, Brooks D.

J Cardiopulm Rehabil Prev. 2019 Sep;39(5):E14-E19. doi: 10.1097/HCR.0000000000000428.

<https://www.ncbi.nlm.nih.gov/pubmed/31465308>

Quadriceps strength in patients with chronic obstructive pulmonary disease.

Shah S, Darekar B, Salvi S, Kowale A.

Lung India. 2019 Sep-Oct;36(5):417-421. doi: 10.4103/lungindia.lungindia_27_19.

<https://www.ncbi.nlm.nih.gov/pubmed/31464214>

PHYSIOTHERAPEUTIC APPROACHES AND THE EFFECTS ON INSPIRATORY MUSCLE FORCE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN THE PRE-OPERATIVE PREPARATION FOR ABDOMINAL SURGICAL PROCEDURES.

Kalil-Filho FA, Campos ACL, Tambara EM, Tomé BKA, Tremil CJ, Kuretzki CH, Furlan FLS, Albuquerque JP, Malafaia O.

Arq Bras Cir Dig. 2019 Aug 26;32(2):e1439. doi: 10.1590/0102-672020190001e1439.

<https://www.ncbi.nlm.nih.gov/pubmed/31460599>

Muscle energy technique for chronic obstructive pulmonary disease: a systematic review.

Baxter DA, Shergis JL, Fazalbhoy A, Coyle ME.

Chiropr Man Therap. 2019 Aug 20;27:37. doi: 10.1186/s12998-019-0256-9. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31452871>

Gait characteristics and their associations with clinical outcomes in patients with chronic obstructive pulmonary disease.

Iwakura M, Okura K, Shibata K, Kawagoshi A, Sugawara K, Takahashi H, Shioya T, Wakasa M.

Gait Posture. 2019 Aug 12;74:60-65. doi: 10.1016/j.gaitpost.2019.08.012. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31470225>

Effects of resistance training on exercise capacity in elderly patients with chronic obstructive pulmonary disease: a meta-analysis and systematic review.

Li N, Li P, Lu Y, Wang Z, Li J, Liu X, Wu W.

Aging Clin Exp Res. 2019 Sep 7. doi: 10.1007/s40520-019-01339-8. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31494915>

Effects of Breathing Exercises in Patients With Chronic Obstructive Pulmonary Disease: Systematic Review and Meta-Analysis.

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

Ann Rehabil Med. 2019 Aug;43(4):509-523. doi: 10.5535/arm.2019.43.4.509. Epub 2019 Aug 31.

<https://www.ncbi.nlm.nih.gov/pubmed/31499605>

Home-Based Prescribed Pulmonary Exercise in Patients with Stable Chronic Obstructive Pulmonary Disease.

Liu X, Li P, Li J, Xiao L, Li N, Lu Y, Wang Z, Su J, Wang Z, Shan C, Wu W.

J Vis Exp. 2019 Aug 24;(150). doi: 10.3791/59765.

<https://www.ncbi.nlm.nih.gov/pubmed/31498308>

Contrasting the physiological effects of heliox and oxygen during exercise in a patient with advanced COPD.

Louvaris Z, Vogiatzis I.

Breathe (Sheff). 2019 Sep;15(3):250-257. doi: 10.1183/20734735.0197-2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31508165>

Relationship between dyspnea/oxygen saturation and leg discomfort/6-minute walking distance in patients with COPD participating in pulmonary rehabilitation.

Santos LM, Pedro PI, Dias A, Forte CB, Raposo P, Rodrigues MF.

Pulmonology. 2019 Sep 10. pii: S2531-0437(19)30143-6. doi: 10.1016/j.pulmoe.2019.07.012. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31519533>

The therapeutic effects of qigong in patients with chronic obstructive pulmonary disease in the stable stage: a meta-analysis.

Tong H, Liu Y, Zhu Y, Zhang B, Hu J.

BMC Complement Altern Med. 2019 Sep 4;19(1):239. doi: 10.1186/s12906-019-2639-9.

<https://www.ncbi.nlm.nih.gov/pubmed/31484521>

Outcome measures in a combined exercise rehabilitation programme for adults with COPD and chronic heart failure: A preliminary stakeholder consensus event.

Jones AV, Evans RA, Man WD, Bolton CE, Breen S, Doherty PJ, Gardiner N, Houchen-Wolloff L, Hurst JR, Jolly K, Maddocks M, Quint JK, Revitt O, Sherar LB, Taylor RS, Watt A, Wingham J, Yorke J, Singh SJ.

Chron Respir Dis. 2019 Jan-Dec;16:1479973119867952. doi: 10.1177/1479973119867952.

<https://www.ncbi.nlm.nih.gov/pubmed/31526047>

Exercise Training in Patients with Chronic Respiratory Diseases: Are Cardiovascular Comorbidities and Outcomes Taken into Account?-A Systematic Review.

Machado A, Quadflieg K, Oliveira A, Keytsman C, Marques A, Hansen D, Burtin C.

J Clin Med. 2019 Sep 13;8(9). pii: E1458. doi: 10.3390/jcm8091458.

<https://www.ncbi.nlm.nih.gov/pubmed/31540240>

Reliability of quadriceps muscle power and explosive force, and relationship to physical function in people with chronic obstructive pulmonary disease: an observational prospective multicenter study.

Bui KL, Maia N, Saey D, Dechman G, Maltais F, Camp PG, Mathur S.

Physiother Theory Pract. 2019 Sep 19:1-9. doi: 10.1080/09593985.2019.1669233. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31537146>

Exercise training for adults hospitalized with an acute respiratory condition: a systematic scoping review.

Rice H, Harrold M, Fowler R, Watson C, Waterer G, Hill K.

Clin Rehabil. 2019 Sep 25:269215519877930. doi: 10.1177/0269215519877930. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31552759>

Evaluation of isokinetic muscle strength of upper limb and the relationship with pulmonary function and respiratory muscle strength in stable COPD patients.

Liu X, Li P, Wang Z, Lu Y, Li N, Xiao L, Duan H, Wang Z, Li J, Shan C, Wu W.

Int J Chron Obstruct Pulmon Dis. 2019 Sep 5;14:2027-2036. doi: 10.2147/COPD.S214737. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31564850>

Intensity of physical exercise and its effect on functional capacity in COPD: systematic review and meta-analysis.

Adolfo JR, Dhein W, Sbruzzi G.

J Bras Pneumol. 2019 Sep 26;45(6):e20180011. doi: 10.1590/1806-3713/e20180011. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31576905>

Comparison of 3-minute Step Test (3MStepT) and 6-minute Walk Test (6MWT) in Patients with COPD.

Beaumont M, Losq A, Péran L, Berriet AC, Couturaud F, Le Ber C, Reychler G.

COPD. 2019 Aug;16(3-4):266-271. doi: 10.1080/15412555.2019.1656713. Epub 2019 Sep 5.
<https://www.ncbi.nlm.nih.gov/pubmed/31581920>

Effects of thoracic kinesio taping on pulmonary functions, respiratory muscle strength and functional capacity in patients with chronic obstructive pulmonary disease: A randomized controlled trial.

Tomruk M, Keleş E, Özalevli S, Alpaydin AÖ.

Explore (NY). 2019 Sep 18. pii: S1550-8307(19)30466-5. doi: 10.1016/j.explore.2019.08.018.
[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31611155>

Comparison of reaction time and functional balance in chronic obstructive pulmonary disease and healthy participants.

Singh SS, Bhat A, Mohapatra AK, Manu MK, Vaishali K.

Heart Lung. 2019 Oct 10. pii: S0147-9563(19)30491-1. doi: 10.1016/j.hrtlng.2019.09.006.
[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31607410>

Determination of whether supplemental oxygen therapy is beneficial during exercise training in patients with COPD: A systematic review and meta-analysis.

Liu Y, Gong F.

Exp Ther Med. 2019 Nov;18(5):4081-4089. doi: 10.3892/etm.2019.8026. Epub 2019 Sep 18.

<https://www.ncbi.nlm.nih.gov/pubmed/31616520>

Physiological and perceptual responses to exercise according to locus of symptom limitation in COPD.

Tracey L, Lewthwaite H, Abdallah SJ, Murray S, Wilkinson-Maitland CA, Donovan A, Maltais F, O'donnell DE, Bourbeau J, Smith BM, Jensen D; Canadian Respiratory Research Network (CRRN).

Respir Physiol Neurobiol. 2019 Oct 17:103322. doi: 10.1016/j.resp.2019.103322. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31629879>

Physiological and Symptomatic Responses to Arm versus Leg Activities in People with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.

Frykholm E, Lima VP, Selander HV, Nyberg A, Janaudis-Ferreira T.

COPD. 2019 Oct 21:1-16. doi: 10.1080/15412555.2019.1674269. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31631711>

A TUG Value Longer Than 11 s Predicts Fall Risk at 6-Month in Individuals with COPD.

Reynaud V, Muti D, Pereira B, Greil A, Caillaud D, Richard R, Coudeyre E, Costes F.

J Clin Med. 2019 Oct 22;8(10). pii: E1752. doi: 10.3390/jcm8101752.

<https://www.ncbi.nlm.nih.gov/pubmed/31652506>

Physical Activity and Sedentary Behaviour Patterns in 326 Persons with COPD before Starting a Pulmonary Rehabilitation: A Cluster Analysis.

Geidl W, Carl J, Cassar S, Leibert N, Mino E, Wittmann M, Wagner R, Schultz K, Pfeifer K. J Clin Med. 2019 Aug 29;8(9). pii: E1346. doi: 10.3390/jcm8091346.

<https://www.ncbi.nlm.nih.gov/pubmed/31470678>

The Role of Technology in Adherence to Physical Activity Programs in Patients with Chronic Diseases Experiencing Fatigue: a Systematic Review.

Albergoni A, Hettinga FJ, La Torre A, Bonato M, Sartor F.

Sports Med Open. 2019 Sep 12;5(1):41. doi: 10.1186/s40798-019-0214-z.

<https://www.ncbi.nlm.nih.gov/pubmed/31512075>

The role of C-reactive protein levels on the association of physical activity with lung function in adults.

Fuertes E, Carsin AE, Garcia-Larsen V, Guerra S, Pin I, Leynaert B, Accordini S, Martinez-Moratalla J, Antó JM, Urrutia I, Le Gouellec A, Heinrich J, Gislason T, Jögi R, Janson C, Jarvis D, Garcia-Aymerich J.

PLoS One. 2019 Sep 23;14(9):e0222578. doi: 10.1371/journal.pone.0222578. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31545813>

Promoting physical activity to patients.

Haseler C, Crooke R, Haseler T.

BMJ. 2019 Sep 17;366:l5230. doi: 10.1136/bmj.l5230.

<https://www.ncbi.nlm.nih.gov/pubmed/31530549>

Progression of physical inactivity in COPD patients: the effect of time and climate conditions - a multicenter prospective cohort study.

Boutou AK, Raste Y, Demeyer H, Troosters T, Polkey MI, Vogiatzis I, Louvaris Z, Rabinovich RA, van der Molen T, Garcia-Aymerich J, Hopkinson NS.

Int J Chron Obstruct Pulmon Dis. 2019 Sep 3;14:1979-1992. doi: 10.2147/COPD.S208826. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31564846>

Simple standard equation for daily step count in Japanese patients with chronic obstructive pulmonary disease.

Nakanishi M, Minakata Y, Tanaka R, Sugiura H, Kuroda H, Yoshida M, Yamamoto N.

Int J Chron Obstruct Pulmon Dis. 2019 Aug 30;14:1967-1977. doi: 10.2147/COPD.S218705. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31564845>

Daily Physical Activity in Patients With COPD After Hospital Discharge in a Minority Population.

Prieto-Centurion V, Casaburi R, Coultas DB, Kansal MM, Kitsiou S, Luo JJ, Ma J, Rand CS, Tan AM, Krishnan JA.

Chronic Obstr Pulm Dis. 2019 Oct 23;6(4). doi: 10.15326/jcopdf.6.4.2019.0136.

<https://www.ncbi.nlm.nih.gov/pubmed/31647855>

TELEMEDICINE*

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

Striving for Confidence and Satisfaction in Everyday Life with Chronic Obstructive Pulmonary Disease: Rationale and Content of the Tele-Rehabilitation Programme >COPD-Life>>.

Simonÿ C, Riber C, Bodtger U, Birkelund R.

Int J Environ Res Public Health. 2019 Sep 9;16(18). pii: E3320. doi: 10.3390/ijerph16183320.

<https://www.ncbi.nlm.nih.gov/pubmed/31505861>

Using wearables and self-management apps in patients with COPD: a qualitative study.

Wu RC, Ginsburg S, Son T, Gershon AS.

ERJ Open Res. 2019 Sep 10;5(3). pii: 00036-2019. doi: 10.1183/23120541.00036-2019.

eCollection 2019 Jul.

<https://www.ncbi.nlm.nih.gov/pubmed/31528634>

Global use, utility, and methods of tele-health in COPD: a health care provider survey.

Alrajeh AM, Aldabayan YS, Aldhair AM, Pickett E, Quaderi SA, Alqahtani JS, Lipman M, Hurst JR.

Int J Chron Obstruct Pulmon Dis. 2019 Aug 1;14:1713-1719. doi: 10.2147/COPD.S202640.

eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31534325>

Exploring the barriers and facilitators for the use of digital health technologies for the management of COPD: A qualitative study of clinician perceptions.

Slevin P, Kessie T, Cullen J, Butler MW, Donnelly SC, Caulfield B.

QJM. 2019 Sep 23. pii: hcz241. doi: 10.1093/qjmed/hcz241. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31545374>

Telehealth Pulmonary Rehabilitation for Patients With Severe Chronic Obstructive Pulmonary Disease.

Bryant MS, Bandi VD, Nguyen CK, Lan C, Henson HK, Sharafkhaneh A.

Fed Pract. 2019 Sep;36(9):430-435.

<https://www.ncbi.nlm.nih.gov/pubmed/31571812>

A Pervasive Healthcare System for COPD Patients.

Ajami H, Mcheick H, Mustapha K.

Diagnostics (Basel). 2019 Oct 1;9(4). pii: E135. doi: 10.3390/diagnostics9040135.

<https://www.ncbi.nlm.nih.gov/pubmed/31581453>

Web-based support for self-management strategies versus usual care for people with COPD in primary healthcare: a protocol for a randomised, 12-month, parallel-group pragmatic trial.

Stenlund T, Nyberg A, Lundell S, Wadell K.

BMJ Open. 2019 Oct 7;9(10):e030788. doi: 10.1136/bmjopen-2019-030788.

<https://www.ncbi.nlm.nih.gov/pubmed/31594889>

A Smart Mobile Health Tool Versus a Paper Action Plan to Support Self-Management of Chronic Obstructive Pulmonary Disease Exacerbations: Randomized Controlled Trial.

Boer L, Bischoff E, van der Heijden M, Lucas P, Akkermans R, Vercoulen J, Heijdra Y, Assendelft W, Schermer T.

JMIR Mhealth Uhealth. 2019 Oct 9;7(10):e14408. doi: 10.2196/14408.

<https://www.ncbi.nlm.nih.gov/pubmed/31599729>

A systematic map and in-depth review of European telehealth interventions efficacy for chronic obstructive pulmonary disease.

Gaveikaite V, Grundstrom C, Winter S, Chouvarda I, Maglaveras N, Priori R.

Respir Med. 2019 Sep 9;158:78-88. doi: 10.1016/j.rmed.2019.09.005. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31614305>

Older Patients' Perspectives of Online Health Approaches in Chronic Obstructive Pulmonary Disease.

Disler RT, Inglis SC, Newton P, Currow DC, Macdonald PS, Glanville AR, Donesky D, Carrieri-Kohlman V, Davidson PM.

Telemed J E Health. 2019 Sep;25(9):840-846. doi: 10.1089/tmj.2018.0098.

<https://www.ncbi.nlm.nih.gov/pubmed/30394859>

A usability study to test the effectiveness, efficiency and simplicity of a newly developed Internet-based Exercise-focused Health App for Lung cancer survivors (iEXHALE): Protocol paper.

Henshall C, Davey Z, Jacelon C, Martin C.

Health Informatics J. 2019 Oct 21:1460458219882268. doi: 10.1177/1460458219882268.

<https://www.ncbi.nlm.nih.gov/pubmed/31631739>

A smartphone application for reporting symptoms in adults with cystic fibrosis improves the detection of exacerbations: Results of a randomised controlled trial.

Wood J, Jenkins S, Putrino D, Mulrennan S, Morey S, Cecins N, Bear N, Hill K.

J Cyst Fibros. 2019 Sep 12. pii: S1569-1993(19)30887-2. doi: 10.1016/j.jcf.2019.09.002.

<https://www.ncbi.nlm.nih.gov/pubmed/31522924>

Digital Health Support in Treatment for Tuberculosis.

Yoeli E, Rathauer J, Bhanot SP, Kimenyi MK, Mailu E, Masini E, Owiti P, Rand D.

N Engl J Med. 2019 Sep 5;381(10):986-987. doi: 10.1056/NEJMc1806550.

<https://www.ncbi.nlm.nih.gov/pubmed/31483974>

Mobile Health Monitoring in Patients with Idiopathic Pulmonary Fibrosis.

Marcoux V, Wang M, Burgoyne SJ, Fell CD, Ryerson CJ, Sajobi TT, Johannson KA.

Ann Am Thorac Soc. 2019 Oct;16(10):1327-1329. doi: 10.1513/AnnalsATS.201904-335RL.

<https://www.ncbi.nlm.nih.gov/pubmed/31242394>

PATIENT REPORTED OUTCOME MEASURES

CAT (COPD ASSESSMENT TEST) In Bronchiectasis: Minimum Clinically Important Difference and Psychometric Validation. A Prospective Study.

De la Rosa Carrillo D, Fuster CO, García-Clemente M, Girón Moreno RM, Royo RN, Rolon AN, Sánchez CP, Sibila O, Martínez-García MÁ.

Chest. 2019 Aug 22. pii: S0012-3692(19)33460-9. doi: 10.1016/j.chest.2019.08.1916. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31446064>

Self-reported illness behaviour related to chronic obstructive pulmonary disease and rehabilitation: a theory-guided qualitative study.

Mathar H, Fastholm P, Sandholm Larsen N.

Scand J Caring Sci. 2019 Sep 5. doi: 10.1111/scs.12752. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31487064>

Loneliness and ED Visits in Chronic Obstructive Pulmonary Disease.

Marty PK, Novotny P, Benzo RP.

Mayo Clin Proc Innov Qual Outcomes. 2019 Aug 23;3(3):350-357. doi: 10.1016/j.mayocpiqo.2019.05.002. eCollection 2019 Sep.

<https://www.ncbi.nlm.nih.gov/pubmed/31485574>

Circadian rhythm of COPD symptoms in clinically based phenotypes. Results from the STORICO Italian observational study.

Nicola S, Raffaele AI, Francesco B, Pietro S, Giuseppina C, Alessandro Z, Alessandra O, Giorgio Walter C; STORICO study group.

BMC Pulm Med. 2019 Sep 9;19(1):171. doi: 10.1186/s12890-019-0935-2.

<https://www.ncbi.nlm.nih.gov/pubmed/31500607>

Measuring quality of life in COPD patients: comparing disease-specific supplements to the EQ-5D-5L.

Szentes BL, Schwarzkopf L, Kirsch F, Schramm A, Leidl R.

Expert Rev Pharmacoecon Outcomes Res. 2019 Sep 12:1-7. doi: 10.1080/14737167.2019.1662302. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31512524>

Pulmonary rehabilitation adapted index of self-efficacy (PRAISE) validated to Portuguese respiratory patients.

Santos CD, Santos AJ, Santos M, Rodrigues F, Bárbara C.
Pulmonology. 2019 Sep 18. pii: S2531-0437(19)30131-X. doi: 10.1016/j.pulmoe.2019.06.003.
[Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31540750>

Fatigue is highly prevalent in patients with COPD and correlates poorly with the degree of airflow limitation.

Goërtz YMJ, Spruit MA, Van 't Hul AJ, Peters JB, Van Herck M, Nakken N, Djamin RS, Burtin C, Thong MSY, Coors A, Meertens-Kerris Y, Wouters EFM, Prins JB, Franssen FME, Muris JWM, Vanfleteren LEGW, Sprangers MAG, Janssen DJA, Vercoulen JH.
Ther Adv Respir Dis. 2019 Jan-Dec;13:1753466619878128. doi: 10.1177/1753466619878128.
<https://www.ncbi.nlm.nih.gov/pubmed/31558115>

Effects of the health belief model following acute exacerbation of chronic obstructive pulmonary disease in a hospital in China.

Ji M, Wang AH, Ye J, Shen YH, Chen CM, Yu C, Li LF.
J Thorac Dis. 2019 Aug;11(8):3593-3598. doi: 10.21037/jtd.2019.07.40.
<https://www.ncbi.nlm.nih.gov/pubmed/31559066>

Impact of symptom variability on clinical outcomes in COPD: analysis of a longitudinal cohort.

Kim MA, Suh MK, Park J, Kim JH, Kim TH, Kim EK, Oh YM, Lee SD, Lee JH.
Int J Chron Obstruct Pulmon Dis. 2019 Sep 20;14:2135-2144. doi: 10.2147/COPD.S203715.
eCollection 2019.
<https://www.ncbi.nlm.nih.gov/pubmed/31571850>

Psychometric Testing of the CHAMPS Questionnaire in French Canadians with COPD.

Mak S, Bourbeau J, Mayo NE, Wood-Dauphinee S, Soicher JE.
Can Respir J. 2019 Sep 17;2019:2185207. doi: 10.1155/2019/2185207. eCollection 2019.
<https://www.ncbi.nlm.nih.gov/pubmed/31636770>

The relation between self-efficacy in patients with chronic obstructive pulmonary disease and caregiver burden.

Kar S, Zengin N.
Scand J Caring Sci. 2019 Oct 27. doi: 10.1111/scs.12780. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31657060>

INTERSTITIAL LUNG DISEASE

Validation of the IPF-specific version of St. George's Respiratory Questionnaire.

Prior TS, Hoyer N, Shaker SB, Davidsen JR, Yorke J, Hilberg O, Bendstrup E.
Respir Res. 2019 Aug 28;20(1):199. doi: 10.1186/s12931-019-1169-9.
<https://www.ncbi.nlm.nih.gov/pubmed/31462235>

Assessment of interstitial lung disease among black rheumatoid arthritis patients.

McFarlane IM, Zhaz SY, Bhamra MS, Burza A, Kolla S, Alvarez MR, Koci K, Taklalsingh N, Pathiparampil J, Freeman L, Kaplan I, Kabani N, Ozeri DJ, Watler E, Frefer M, Vaitkus V, Matthew K, Arroyo-Mercado F, Lyo H, Zrodowski T, Feoktistov A, Sanchez R, Sorrento C, Soliman F, Valdez FR, Dronamraju V, Trevisonno M, Grant C, Clerger G, Amin K, Dawkins M, Green J, Moon J, Fahmy S, Waite SA.

Clin Rheumatol. 2019 Aug 30. doi: 10.1007/s10067-019-04760-6. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31471819>

Early referral to palliative care services in patients with IPF: a tool to take a step forward.

Faverio P, De Giacomi F, Messinesi G, Fumagalli A, Luppi F.

BMJ Support Palliat Care. 2019 Aug 29. pii: bmjspcare-2019-001980. doi:

10.1136/bmjspcare-2019-001980. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31467068>

Borderline pulmonary hypertension is associated with exercise intolerance and increased risk for acute exacerbation in patients with interstitial lung disease.

Nemoto K, Oh-Ishi S, Akiyama T, Yabuuchi Y, Goto H, Nonaka M, Sasatani Y, Tachi H, Arai N, Ishikawa H, Hyodo K, Hase I, Miura Y, Takaku T, Hayashihara K, Saito T.

BMC Pulm Med. 2019 Sep 2;19(1):167. doi: 10.1186/s12890-019-0932-5.

<https://www.ncbi.nlm.nih.gov/pubmed/31477076>

Reliability, construct validity and responsiveness to change of the PROMIS-29 in systemic sclerosis-associated interstitial lung disease.

Fisher CJ, Namas R, Seelman D, Jaafar S, Homer K, Wilhalme H, Young A, Nagaraja V, White ES, Schioppa E, Flaherty K, Khanna D.

Clin Exp Rheumatol. 2019 Sep 4. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31498073>

Sleep and interstitial lung disease.

Myall KJ, West A, Kent BD.

Curr Opin Pulm Med. 2019 Sep 9. doi: 10.1097/MCP.0000000000000620. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31503213>

What patients with Idiopathic Pulmonary Fibrosis and caregivers want - Filling the currents gaps with patient reported outcomes and experience measures.

Kalluri M, Luppi F, Ferrara G.

Am J Med. 2019 Sep 11. pii: S0002-9343(19)30755-7. doi: 10.1016/j.amjmed.2019.08.032.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31520625>

The therapy of idiopathic pulmonary fibrosis: what is next?

Somogyi V, Chaudhuri N, Torrisi SE, Kahn N, Müller V, Kreuter M.
Eur Respir Rev. 2019 Sep 4;28(153). pii: 190021. doi: 10.1183/16000617.0021-2019. Print
2019 Sep 30.

<https://www.ncbi.nlm.nih.gov/pubmed/31484664>

Translation and cultural adaptation of the King's Brief Interstitial Lung Disease health status questionnaire for use in Brazil.

Silveira K, Steidle LJM, Matte DL, Tavares PH, Pincelli MP, Pizzichini MMM, Pizzichini E, Birringer SS, Tavares MGS.

J Bras Pneumol. 2019 Sep 16;45(5):e20180194. doi: 10.1590/1806-3713/e20180194.

<https://www.ncbi.nlm.nih.gov/pubmed/31531615>

Idiopathic pulmonary fibrosis: shifting the concept to irreversible pulmonary fibrosis of many entities.

Raghu G.

Lancet Respir Med. 2019 Sep 13. pii: S2213-2600(19)30311-X. doi: 10.1016/S2213-2600(19)30311-X. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31530469>

In-Hospital Mortality in Patients with Idiopathic Pulmonary Fibrosis: A US Cohort Study.

Durheim MT, Judy J, Bender S, Baumer D, Lucas J, Robinson SB, Mohamedaly O, Shah BR, Leonard T, Conoscenti CS, Palmer SM.

Lung. 2019 Sep 20. doi: 10.1007/s00408-019-00270-z. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31541276>

Functional aging in fibrotic interstitial lung disease: The impact of frailty on adverse health outcomes.

Guler SA, Kwan JM, Leung JM, Khalil N, Wilcox PG, Ryerson CJ.

Eur Respir J. 2019 Sep 19. pii: 1900647. doi: 10.1183/13993003.00647-2019. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31537699>

Epidemiology of idiopathic pulmonary fibrosis: a population-based study in primary care.

Harari S, Davì M, Biffi A, Caminati A, Ghirardini A, Lovato V, Cricelli C, Lapi F.

Intern Emerg Med. 2019 Sep 20. doi: 10.1007/s11739-019-02195-0. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31541394>

Associated factors with interstitial lung disease and health-related quality of life in Chinese patients with primary Sjögren's syndrome.

Zhao R, Wang Y, Zhou W, Guo J, He M, Li P, Gao J, Gu Z, Dong C.

Clin Rheumatol. 2019 Oct 2. doi: 10.1007/s10067-019-04753-5. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31578648>

Comorbidities in idiopathic pulmonary fibrosis: an underestimated issue.

Caminati A, Lonati C, Cassandro R, Elia D, Pelosi G, Torre O, Zompatori M, Uslenghi E, Harari S.

Eur Respir Rev. 2019 Oct 1;28(153). pii: 190044. doi: 10.1183/16000617.0044-2019. Print 2019 Sep 30.

<https://www.ncbi.nlm.nih.gov/pubmed/31578211>

Decrements of body mass index are associated with poor outcomes of idiopathic pulmonary fibrosis patients.

Kulkarni T, Yuan K, Tran-Nguyen TK, Kim YI, de Andrade JA, Luckhardt T, Valentine VG, Kass DJ, Duncan SR.

PLoS One. 2019 Oct 4;14(10):e0221905. doi: 10.1371/journal.pone.0221905. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31584949>

Clinical Characteristics and Natural History of Autoimmune Forms of Interstitial Lung Disease: A Single-Center Experience.

Chartrand S, Lee JS, Swigris JJ, Stanchev L, Fischer A.

Lung. 2019 Oct 3. doi: 10.1007/s00408-019-00276-7. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31583453>

Rheumatoid Arthritis-Associated Interstitial Lung Disease: Clinical Characteristics and Predictors of Mortality.

Hyltdgaard C, Ellingsen T, Hilberg O, Bendstrup E.

Respiration. 2019 Oct 9:1-6. doi: 10.1159/000502551. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31597131>

Cardiorespiratory Responses between One-Legged and Two-Legged Cycling in Patients with Idiopathic Pulmonary Fibrosis.

Dolmage TE, Reilly T, Greening NJ, Majd S, Popat B, Agarwal S, Woodhead FA, Evans RA.

Ann Am Thorac Soc. 2019 Oct 8. doi: 10.1513/AnnalsATS.201907-500RL. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31593494>

Risk factors for disease progression in idiopathic pulmonary fibrosis.

Raghu G, Ley B, Brown KK, Cottin V, Gibson KF, Kaner RJ, Lederer DJ, Noble PW, Song JW, Wells AU, Whelan TP, Lynch DA, Humphries SM, Moreau E, Goodman K, Patterson SD, Smith V, Gong Q, Sundry JS, O'Riordan TG, Martinez FJ.

Thorax. 2019 Oct 14. pii: thoraxjnl-2019-213620. doi: 10.1136/thoraxjnl-2019-213620. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31611341>

Interval aerobic exercise in individuals with advanced interstitial lung disease: a feasibility study.

Wickerson L, Brooks D, Granton J, Reid WD, Rozenberg D, Singer LG, Mathur S.

Physiother Theory Pract. 2019 Oct 18:1-9. doi: 10.1080/09593985.2019.1678207. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31625781>

Diaphragmatic ultrasound findings correlate with dyspnea, exercise tolerance, health-related quality of life and lung function in patients with fibrotic interstitial lung disease.

Santana PV, Cardenas LZ, de Albuquerque ALP, de Carvalho CRR, Caruso P.

BMC Pulm Med. 2019 Oct 21;19(1):183. doi: 10.1186/s12890-019-0936-1.

<https://www.ncbi.nlm.nih.gov/pubmed/31638951>

Gaps in care of patients living with pulmonary fibrosis: a joint patient and expert statement on the results of a Europe-wide survey.

Moor CC, Wijsenbeek MS, Balestro E, Biondini D, Bondue B, Cottin V, Flewett R, Galvin L, Jones S, Molina-Molina M, Planas-Cerezales L, Prasse A, Prosch H, Russell AM, Viegas M, Wanke G, Wuyts W, Kreuter M, Bonella F.

ERJ Open Res. 2019 Oct 21;5(4). pii: 00124-2019. doi: 10.1183/23120541.00124-2019.

eCollection 2019 Oct.

<https://www.ncbi.nlm.nih.gov/pubmed/31649949>

Longitudinal clinical outcomes in a real-world population of patients with idiopathic pulmonary fibrosis: the PROOF registry.

Wuyts WA, Dahlqvist C, Slabbynck H, Schlessner M, Gusbin N, Compere C, Maddens S, Lee YC, Kirchgassler KU, Bartley K, Bondue B.

Respir Res. 2019 Oct 24;20(1):231. doi: 10.1186/s12931-019-1182-z.

<https://www.ncbi.nlm.nih.gov/pubmed/31651324>

A feasibility, randomised controlled trial of a complex breathlessness intervention in idiopathic pulmonary fibrosis (BREEZE-IPF): study protocol.

Wright C, Hart SP, Allgar V, English A, Swan F, Dyson J, Richardson G, Twiddy M, Cohen J, Hussain J, Johnson M, Hargreaves I, Crooks MG.

ERJ Open Res. 2019 Oct 21;5(4). pii: 00186-2019. doi: 10.1183/23120541.00186-2019.

eCollection 2019 Oct.

<https://www.ncbi.nlm.nih.gov/pubmed/31649946>

ASTHMA

The effects of obesity on pulmonary function in adults with asthma.

Özbey Ü, Ucar U, Calis AG.

Lung India. 2019 Sep-Oct;36(5):404-410. doi: 10.4103/lungindia.lungindia_16_19.

<https://www.ncbi.nlm.nih.gov/pubmed/31464212>

Influence of Obesity on Work Ability, Respiratory Symptoms, and Lung Function in Adults with Asthma.

Klepaker G, Svendsen MV, Hertel JK, Holla ØL, Henneberger PK, Kongerud J, Fell AKM. Respiration. 2019 Aug 28;1-9. doi: 10.1159/000502154. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/31461714>

Barriers to belonging: the need for relatedness amongst people living with severe asthma.

Eassey D, Reddel HK, Ryan K, Smith L.

J Asthma. 2019 Aug 26;1-9. doi: 10.1080/02770903.2019.1656230. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/31448976>

Evaluation of a shared decision-making communication skills training for physicians treating patients with asthma: a mixed methods study using simulated patients.

Müller E, Diesing A, Rosahl A, Scholl I, Härter M, Buchholz A.

BMC Health Serv Res. 2019 Aug 30;19(1):612. doi: 10.1186/s12913-019-4445-y. <https://www.ncbi.nlm.nih.gov/pubmed/31470856>

ERS/EAACI Statement on severe exacerbations in asthma in adult: facts, priorities and key research questions.

Bourdin A, Bjermer L, Brightling C, Brusselle G, Chanez P, Chung F, Custovic A, Diamant Z, Diver S, Djukanovic R, Hamerlijnck D, Johnston S, Kannies F, Papadopoulos N, Papi A, Russell R, Ryan D, Samitas K, Thomy T, Zervas E, Gaga M.

Eur Respir J. 2019 Aug 29. pii: 1900900. doi: 10.1183/13993003.00900-2019. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/31467120>

Long-term effect of home-based pulmonary rehabilitation in severe asthma.

Grosbois JM, Coquart J, Fry S, Le Rouzic O, Grosbois T, Wallaert B, Chenivresse C.

Respir Med. 2019 Aug 29;157:36-41. doi: 10.1016/j.rmed.2019.08.015. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/31479806>

Distinct asthma phenotypes with low maximal attainment of lung function on cluster analysis.

Bhargava S, Holla AD, Jayaraj BS, Praveena AS, Ravi S, Khurana S, Mahesh PA.

J Asthma. 2019 Sep 3:1-12. doi: 10.1080/02770903.2019.1658205. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/31479309>

Novel Insights on Sex-Related Differences in Asthma.

Zhang P, Zein J.

Curr Allergy Asthma Rep. 2019 Sep 5;19(10):44. doi: 10.1007/s11882-019-0878-y. <https://www.ncbi.nlm.nih.gov/pubmed/31486898>

Clinical effect on uncontrolled asthma using a novel digital automated self-management solution: a physician-blinded randomised controlled crossover trial.

Ljungberg H, Carleborg A, Gerber H, Öfverström C, Wolodarski J, Menshi F, Engdahl M, Edwards M, Nordlund B.

Eur Respir J. 2019 Sep 3. pii: 1900983. doi: 10.1183/13993003.00983-2019. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31481605>

Attack, Flare-up or Exacerbation? The terminology preferences of patients with severe asthma.

Jones KA, Gibson PG, Yorke J, Niven R, Smith A, McDonald VM.

J Asthma. 2019 Sep 6:1-15. doi: 10.1080/02770903.2019.1665064. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31490698>

Asthma phenotypes in a multi-ethnic Asian cohort.

Tay TR, Choo XN, Yii A, Chung KF, Chan YH, Wong HS, Chan A, Tee A, Koh MS.

Respir Med. 2019 Aug 31;157:42-48. doi: 10.1016/j.rmed.2019.08.016. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31499296>

Use of narrative medicine to identify key factors for effective doctor-patient relationships in severe asthma.

Cappuccio A, Napolitano S, Menzella F, Pellegrini G, Policreti A, Pelaia G, Porpiglia PA, Marini MG; SOUND GROUP.

Multidiscip Respir Med. 2019 Sep 2;14:26. doi: 10.1186/s40248-019-0190-7. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31497295>

Asthma, asthma control and risk of acute myocardial infarction: HUNT study.

Cepelis A, Brumpton BM, Laugsand LE, Dalen H, Langhammer A, Janszky I, Strand LB.

Eur J Epidemiol. 2019 Sep 11. doi: 10.1007/s10654-019-00562-x. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31512117>

The Effects of Obesity in Asthma.

Mohan A, Grace J, Wang BR, Lugogo N.

Curr Allergy Asthma Rep. 2019 Sep 10;19(10):49. doi: 10.1007/s11882-019-0877-z.

<https://www.ncbi.nlm.nih.gov/pubmed/31506820>

Treatment of Hypertension in Patients with Asthma.

Christiansen SC, Zuraw BL.

N Engl J Med. 2019 Sep 12;381(11):1046-1057. doi: 10.1056/NEJMra1800345.

<https://www.ncbi.nlm.nih.gov/pubmed/31509675>

Changes in asthma mortality in England and Wales since 2001.

Shaw DE, Gaynor CM, Fogarty AW.

Thorax. 2019 Sep 13. pii: thoraxjnl-2019-213350. doi: 10.1136/thoraxjnl-2019-213350. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31519814>

"Not Thinking that This Means the End When You Are Seriously Ill but Doing Something Positive about It"-A Qualitative Study of Living with a Life-Changing Disease.

Benkel I, Ljungqvist E, Arnby M, Molander U.

Diseases. 2019 Sep 11;7(3). pii: E53. doi: 10.3390/diseases7030053.

<https://www.ncbi.nlm.nih.gov/pubmed/31514413>

Estimated Ventricular Size, Asthma Severity and Exacerbations: The SARP III Cohort.

Ash SY, Vegas Sanchez-Ferrero G, Schiebler ML, Rahaghi FN, Rai A, Come CE, Ross JC, Colon AG, Cardet JC, Bleecker ER, Castro M, Fahy JV, Fain SB, Gaston BM, Hoffman EA, Jarjour NN, Lempel JK, Mager DT, Tattersall MC, Wenzel SE, Levy BD, Washko GR, Israel E, San Jose Estepar R; SARP Investigators.

Chest. 2019 Sep 12. pii: S0012-3692(19)33744-4. doi: 10.1016/j.chest.2019.08.2185. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31521672>

Behavioral interventions for asthma self-management in South Asian populations: a systematic review.

Lee C, Alexander E, Lee R, Okorochoa N, Manikam L, Lakhanpaul M.

J Asthma. 2019 Sep 18:1-9. doi: 10.1080/02770903.2019.1658209. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31532264>

The Co-Existence of Obstructive Sleep Apnea and Bronchial Asthma: Revelation of a New Asthma Phenotype?

Damianaki A, Vagiakis E, Sigala I, Pataka A, Rovina N, Vlachou A, Krietsepi V, Zakyntinos S, Katsaounou P.

J Clin Med. 2019 Sep 16;8(9). pii: E1476. doi: 10.3390/jcm8091476.

<https://www.ncbi.nlm.nih.gov/pubmed/31527545>

The impact of weight loss beyond lung function: benefit with respect to asthma outcomes.

Santos LM, Ramos B, Almeida J, Loureiro CC, Cordeiro CR.

Pulmonology. 2019 Sep 13. pii: S2531-0437(19)30138-2. doi: 10.1016/j.pulmoe.2019.07.007. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31526706>

Behavioral interventions for asthma self-management in South Asian populations: a systematic review.

Lee C, Alexander E, Lee R, Okorochoa N, Manikam L, Lakhanpaul M.

J Asthma. 2019 Sep 18:1-9. doi: 10.1080/02770903.2019.1658209. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31532264>

Quality of life impairment due to chronic rhinosinusitis in asthmatics is mediated by asthma control.

Phillips KM, Talat R, Caradonna DS, Gray ST, Sedaghat AR.

Rhinology. 2019 Sep 23. doi: 10.4193/Rhin19.207. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31545327>

Future Risks in Patients With Severe Asthma.

Song WJ, Lee JH, Kang Y, Joung WJ, Chung KF.

Allergy Asthma Immunol Res. 2019 Nov;11(6):763-778. doi: 10.4168/aaair.2019.11.6.763.

<https://www.ncbi.nlm.nih.gov/pubmed/31552713>

Mental health, long-term medication adherence, and the control of asthma symptoms among persons exposed to the WTC 9/11 disaster.

Brite J, Friedman S, de la Hoz RE, Reibman J, Cone J.

J Asthma. 2019 Sep 24:1-16. doi: 10.1080/02770903.2019.1672722. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31550944>

Prevalence and impact of risk factors for poor asthma outcomes in a large, specialist-managed patient cohort: a real-life study.

Tomisa G, Horváth A, Szalai Z, Müller V, Tamási L.

J Asthma Allergy. 2019 Sep 23;12:297-307. doi: 10.2147/JAA.S211246. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31576150>

Role of food insecurity in prescription delay among adults with asthma: Results from the California Health Interview Survey.

Becerra MB, Avina RM, Jackson M, Becerra BJ.

J Asthma. 2019 Oct 2:1-9. doi: 10.1080/02770903.2019.1676435. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31578120>

The dilemma of reducing treatment for patients with moderate-severe controlled asthma.

Marín Romero S, Jara Palomares L.

Rev Clin Esp. 2019 Oct 1. pii: S0014-2565(19)30218-8. doi: 10.1016/j.rce.2019.07.011. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31585668>

Meta-analysis of vitamin D and lung function in patients with asthma.

Liu J, Dong YQ, Yin J, Yao J, Shen J, Sheng GJ, Li K, Lv HF, Fang X, Wu WF.

Respir Res. 2019 Oct 8;20(1):161. doi: 10.1186/s12931-019-1072-4.

<https://www.ncbi.nlm.nih.gov/pubmed/31590675>

Asthma apps use and interest among patients with asthma: a multicentre study.

Jácome C, Almeida R, Pereira AM, Araújo L, Correia M, Pereira M, Couto M, Lopes C, Chaves Loureiro C, Catarata MJ, Santos LM, Ramos B, Mendes A, Pedro E, Cidrais Rodrigues JC, Oliveira G, Aguiar AP, Arrobas AM, Costa J, Dias J, Todo Bom A, Azevedo J, Ribeiro C, Alves M, Leiria Pinto P, Neuparth N, Palhinha A, Gaspar Marques J, Martins P, Trincão D, Neves A, Todo Bom F, Alvarenga Santos M, Branco J, Lozoya C, Costa A, Silva Neto A, Silva D, Vasconcelos MJ, Teixeira MF, Ferreira-Magalhães M, Taborda Barata L, Carvalhal C, Santos N, Pinto CS, Rodrigues Alves R, Moreira AS, Morais Silva P, Fernandes R, Ferreira R, Alves C,

Câmara R, Ferraz de Oliveira J, Bordalo D, Calix MJ, Marques A, Nunes C, Menezes F, Gomes R, Almeida Fonseca J; INSPIRERS group.

J Investig Allergol Clin Immunol. 2019 Oct 10:0. doi: 10.18176/jiaci.0456. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31599725>

Asthma, comorbidities, and aggravating circumstances. The GEMA-FORUM II task force.

Trigueros JA, Plaza V, Domínguez Ortega J, Serrano J, Cisneros C, Padilla A, Antón Gironés M, Mosteiro M, Martínez Moragón E, Olaguíbel Rivera JM, Delgado J, García Rivero JL, Martínez Rivera C, Garrido JJ, Quirce S; GEMAFORUM task force.

J Investig Allergol Clin Immunol. 2019 Oct 10:0. doi: 10.18176/jiaci.0460. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31599723>

Development and Initial Validation of the Asthma Severity Scoring System (ASSESS).

Fitzpatrick AM, Szeffler SJ, Mauger DT, Phillips BR, Denlinger LC, Moore WC, Sorkness RL, Wenzel SE, Gergen PJ, Bleecker ER, Castro M, Erzurum SC, Fahy JV, Gaston BM, Israel E, Levy BD, Meyers DA, Teague WG, Bacharier LB, Ly NP, Phipatanakul W, Ross KR, Zein J, Jarjour NN.

J Allergy Clin Immunol. 2019 Oct 8. pii: S0091-6749(19)31254-0. doi: 10.1016/j.jaci.2019.09.018. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31604088>

Adiposity and asthma in adults: a bidirectional Mendelian randomisation analysis of The HUNT Study.

Sun YQ, Brumpton BM, Langhammer A, Chen Y, Kvaløy K, Mai XM.

Thorax. 2019 Oct 14. pii: thoraxjnl-2019-213678. doi: 10.1136/thoraxjnl-2019-213678. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31611343>

Low socioeconomic position and neighborhood deprivation are associated with uncontrolled asthma in elderly.

Temam S, Chanoine S, Bédard A, Dumas O, Sanchez M, Boutron-Ruault MC, Siroux V, Rican S, Varraso R, Le Moual N.

Respir Med. 2019 Oct 1;158:70-77. doi: 10.1016/j.rmed.2019.09.010. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31610380>

Hypertension and diabetes mellitus as risk factors for asthma in Korean adults: the Sixth Korea National Health and Nutrition Examination Survey.

Lee KH, Lee HS.

Int Health. 2019 Oct 11. pii: ihz067. doi: 10.1093/inthealth/ihz067. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31608936>

Modern Innovative Solutions to Improve Outcomes in Severe Asthma: Protocol for a Mixed Methods Observational Comparison of Clinical Outcomes in MISSION Versus Current Care Delivery.

Roberts C, Lanning E, Fogg C, Bassett P, Hughes A, Chauhan AJ.
JMIR Res Protoc. 2019 Oct 10;8(10):e9585. doi: 10.2196/resprot.9585.
<https://www.ncbi.nlm.nih.gov/pubmed/31603434>

Characteristics and treatment regimens across ERS SHARP severe asthma registries.

van Bragt JJMH, Adcock IM, Bel EHD, Braunstahl GJ, Ten Brinke A, Busby J, Canonica GW, Cao H, Chung KF, Csoma Z, Dahlen B, Davin E, Hansen S, Heffler E, Horvath I, Korn S, Kots M, Kuna P, Kwon N, Louis R, Plaza V, Porsbjerg C, Ramos-Barbon D, Richards LB, Skrgat S, Sont JK, Vijverberg SJH, Weersink EJ, Yasinska V, Wagers SS, Djukanovic R, Maitland-van der Zee AH; SHARP CRC.
Eur Respir J. 2019 Oct 10. pii: 1901163. doi: 10.1183/13993003.01163-2019. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31601713>

A Clinically Integrated mHealth App and Practice Model for Collecting Patient-Reported Outcomes between Visits for Asthma Patients: Implementation and Feasibility.

Rudin RS, Fanta CH, Qureshi N, Duffy E, Edelen MO, Dalal AK, Bates DW.
Appl Clin Inform. 2019 Oct;10(5):783-793. doi: 10.1055/s-0039-1697597. Epub 2019 Oct 16.
<https://www.ncbi.nlm.nih.gov/pubmed/31618782>

Constructing an assessment framework for the quality of asthma smartphone applications.

Guan Z, Sun L, Xiao Q, Wang Y.
BMC Med Inform Decis Mak. 2019 Oct 15;19(1):192. doi: 10.1186/s12911-019-0923-8.
<https://www.ncbi.nlm.nih.gov/pubmed/31615493>

Incremental shuttle walking test in patients with asthma: Shedding light on its measurement properties.

Boutou AK, Stanopoulos I, Papakosta D.
Respirology. 2019 Oct 17. doi: 10.1111/resp.13719. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31625214>

Health literacy and eHealth among adult asthma patients - results of a cross sectional survey.

Atmann O, Werner C, Linde K, Schneider A.
J Asthma. 2019 Oct 17:1-9. doi: 10.1080/02770903.2019.1672720. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31621438>

Pulmonary rehabilitation: promising nonpharmacological approach for treating asthma?

Zampogna E, Spanevello A, Visca D.
Curr Opin Allergy Clin Immunol. 2019 Oct 16. doi: 10.1097/ACI.0000000000000597. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31633568>

A systematic review of psychological, physical health factors, and quality of life in adult asthma.

Stanescu S, Kirby SE, Thomas M, Yardley L, Ainsworth B.

NPJ Prim Care Respir Med. 2019 Oct 21;29(1):37. doi: 10.1038/s41533-019-0149-3.

<https://www.ncbi.nlm.nih.gov/pubmed/31636268>

The impact of comorbidities on severe asthma.

Rogliani P, Sforza M, Calzetta L.

Curr Opin Pulm Med. 2019 Oct 21. doi: 10.1097/MCP.0000000000000640. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31644439>

Living with severe asthma: the role of perceived competence and goal achievement.

Eassey D, Reddel HK, Ryan K, Smith L.

Chronic Illn. 2019 Oct 25;1742395319884104. doi: 10.1177/1742395319884104. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31653174>

ADVANCED DISEASE / END OF LIFE / PALLIATIVE CARE

Expanding Access to Home-Based Palliative Care: A Randomized Controlled Trial Protocol.

Enguidanos S, Rahman A, Fields T, Mack W, Brumley R, Rabow M, Mert M.

J Palliat Med. 2019 Sep;22(S1):58-65. doi: 10.1089/jpm.2019.0147.

<https://www.ncbi.nlm.nih.gov/pubmed/31486727>

End-of-life care in individuals with respiratory diseases: a population study comparing the dying experience between those with chronic obstructive pulmonary disease and lung cancer.

Kendzierska T, Nickerson JW, Hsu AT, Gershon AS, Talarico R, Mulpuru S, Pakhale S, Tanuseputro P.

Int J Chron Obstruct Pulmon Dis. 2019 Jul 31;14:1691-1701. doi: 10.2147/COPD.S210916. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31534323>

Palliative care as an emerging role for respiratory health professionals: Findings from a cross-sectional, exploratory Canadian survey.

Goodridge D, Peters J.

Can J Respir Ther. 2019 Sep 16;55:73-80. doi: 10.29390/cjrt-2019-010. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31595226>

Early-Integrated Palliative home care and standard care for end-stage COPD (EPIC): A Phase II pilot RCT testing feasibility, acceptability and effectiveness.

Scheerens C, Pype P, Van Cauwenberg J, Vanbutsele G, Eecloo K, Derom E, Van Belle S, Joos G, Deliens L, Chambaere K.

Pain Symptom Manage. 2019 Oct 9. pii: S0885-3924(19)30532-9. doi: 10.1016/j.jpainsymman.2019.09.012. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31605735>

Characteristics and outcome of patients set up on high-flow oxygen therapy at home.

Dolidon S, Dupuis J, Molano Valencia LC, Salaün M, Thiberville L, Muir JF, Cuvelier A, Patout M.

Ther Adv Respir Dis. 2019 Jan-Dec;13:1753466619879794. doi: 10.1177/1753466619879794.

<https://www.ncbi.nlm.nih.gov/pubmed/31610722>

COMORBID CONDITIONS

Carotid Artery Disease and Lower Extremities Artery Disease in Patients with Chronic Obstructive Pulmonary Disease.

Buklioska-Ilievska D, Minov J, Kochovska-Kamchevska N, Gigovska I, Doneva A, Baloski M.

Open Access Maced J Med Sci. 2019 Jul 10;7(13):2102-2107. doi: 10.3889/oamjms.2019.576. eCollection 2019 Jul 15.

<https://www.ncbi.nlm.nih.gov/pubmed/31456833>

An audit of the reporting of depression & anxiety in COPD patients.

Murphy J, Lau G, Agius M.

Psychiatr Danub. 2019 Sep;31(Suppl 3):276-281.

<https://www.ncbi.nlm.nih.gov/pubmed/31488740>

Prevalence and determinants of co-morbidities in patients with obstructive apnea and chronic obstructive pulmonary disease.

Spicuzza L, Campisi R, Crimi C, Frasca E, Crimi N.

Eur J Intern Med. 2019 Sep 5. pii: S0953-6205(19)30307-3. doi: 10.1016/j.ejim.2019.08.020.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31494020>

Prevalence of self-reported sleep problems amongst adults with obstructive airway disease in the NHANES cohort in the United States.

Lal C, Kumbhare S, Strange C.

Sleep Breath. 2019 Sep 13. doi: 10.1007/s11325-019-01941-0. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31520299>

Diagnostic and Therapeutic Gaps in Patients With Heart Failure and Chronic Obstructive Pulmonary Disease.

Canepa M, Franssen FME, Olschewski H, Lainscak M, Böhm M, Tavazzi L, Rosenkranz S.

JACC Heart Fail. 2019 Sep 7. pii: S2213-1779(19)30401-9. doi: 10.1016/j.jchf.2019.05.009.
[Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31521680>

Anaemia and iron dysregulation: untapped therapeutic targets in chronic lung disease?

Patel MS, McKie E, Steiner MC, Pascoe SJ, Polkey MI.

BMJ Open Respir Res. 2019 Aug 30;6(1):e000454. doi: 10.1136/bmjresp-2019-000454.
eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31548896>

Prevalence of cardiac comorbidities, and their underdetection and contribution to exertional symptoms in COPD: results from the COSYCONET cohort.

Alter P, Mayerhofer BA, Kahnert K, Watz H, Waschki B, Andreas S, Biertz F, Bals R, Vogelmeier CF, Jörres RA.

Int J Chron Obstruct Pulmon Dis. 2019 Sep 20;14:2163-2172. doi: 10.2147/COPD.S209343.
eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31571852>

Disruption of white matter connectivity in chronic obstructive pulmonary disease.

Spilling CA, Jones PW, Dodd JW, Barrick TR.

PLoS One. 2019 Oct 3;14(10):e0223297. doi: 10.1371/journal.pone.0223297. eCollection
2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31581226>

The Comorbidity of Chronic Obstructive Pulmonary Disease and Peripheral Artery Disease - A Systematic Review.

Kaszuba M, Śliwka A, Piliński R, Kościelniak J, Maga P, Bochenek G, Nowobilski R.

COPD. 2019 Aug;16(3-4):292-302. doi: 10.1080/15412555.2019.1653271. Epub 2019 Sep 5.

<https://www.ncbi.nlm.nih.gov/pubmed/31581921>

Comorbidity and thirty-day hospital readmission odds in chronic obstructive pulmonary disease: a comparison of the Charlson and Elixhauser comorbidity indices.

Buhr RG, Jackson NJ, Kominski GF, Dubinett SM, Ong MK, Mangione CM.

BMC Health Serv Res. 2019 Oct 15;19(1):701. doi: 10.1186/s12913-019-4549-4.

<https://www.ncbi.nlm.nih.gov/pubmed/31615508>

Osteoporosis among Patients with Chronic Obstructive Pulmonary Disease: Systematic Review and Meta-analysis of Prevalence, Severity, and Therapeutic Outcomes.

Bitar AN, Syed Sulaiman SA, Ali IAH, Khan I, Khan AH.

J Pharm Bioallied Sci. 2019 Oct-Dec;11(4):310-320. doi: 10.4103/jpbs.JPBS_126_19.

<https://www.ncbi.nlm.nih.gov/pubmed/31619912>

The Difficulty Of Improving Quality Of Life In COPD Patients With Depression And Associated Factors.

Lim JU, Park CK, Kim TH, Jang AS, Park YB, Rhee CK, Jung KS, Yoo KH, Lee WY, Yoon HK.

Int J Chron Obstruct Pulmon Dis. 2019 Oct 9;14:2331-2341. doi: 10.2147/COPD.S216746. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31632002>

Prevalence, Contribution to Disease Burden and Management of Comorbid Depression and Anxiety in Chronic Obstructive Pulmonary Disease: A Narrative Review.

Zareifopoulos N, Bellou A, Spiropoulou A, Spiropoulos K.

COPD. 2019 Oct 22:1-12. doi: 10.1080/15412555.2019.1679102. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31638445>

Obstructive Sleep Apnea in Patients With Fibrotic Interstitial Lung Disease and COPD.

Zhang XL, Dai HP, Zhang H, Gao B, Zhang L, Han T, Wang C.

J Clin Sleep Med. 2019 Oct 26. pii: jc-19-00146. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31653284>

Diastolic Dysfunction in Patients with Chronic Obstructive Pulmonary Disease: A Meta-Analysis of Case Controlled Studies.

Zhyvotovska A, Yusupov D, Kamran H, Al-Bermani T, Abdul R, Kumar S, Mogar N, Hartt A, Saliccioli L, McFarlane SI.

Int J Clin Res Trials. 2019;4(2). pii: 137. doi: 10.15344/2456-8007/2019/137. Epub 2019 Sep 19.

<https://www.ncbi.nlm.nih.gov/pubmed/31650092>

EXACERBATIONS / HOSPITALISATIONS / MORTALITY

Effects of Transitional Care on Hospital Readmission and Mortality Rate in Subjects With COPD: A Systematic Review and Meta-Analysis.

Ridwan ES, Hadi H, Wu YL, Tsai PS.

Respir Care. 2019 Sep;64(9):1146-1156. doi: 10.4187/respcare.06959.

<https://www.ncbi.nlm.nih.gov/pubmed/31467155>

β_2 -Adrenergic genotypes and risk of severe exacerbations in COPD: a prospective cohort study.

Ingebrigtsen TS, Vestbo J, Rode L, Marott JL, Lange P, Nordestgaard BG.

Thorax. 2019 Sep 3. pii: thoraxjnl-2018-212340. doi: 10.1136/thoraxjnl-2018-212340. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31481635>

Ergometer Performance: A New Tool for Predicting COPD Exacerbations.

Alqahtani JS, Aldhahir AM, Aldabayan YS.

COPD. 2019 Sep 11:1-2. doi: 10.1080/15412555.2019.1660313. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31505953>

The de Morton mobility index is a feasible and valid mobility assessment tool in hospitalized patients with an acute exacerbation of chronic obstructive pulmonary disease.

Camp PG, Sima CA, Kirkham A, Inskip JA, Parappilly B.
Chron Respir Dis. 2019 Jan-Dec;16:1479973119872979. doi: 10.1177/1479973119872979.
<https://www.ncbi.nlm.nih.gov/pubmed/31526037>

Identification of relevant variables and construction of a multidimensional index for predicting mortality in COPD patients.

Xu L, Ye T, Li J, Hu Y, Xu W, Wang K, Ou C, Chen X.
Int J Chron Obstruct Pulmon Dis. 2019 Aug 1;14:1703-1711. doi: 10.2147/COPD.S215219.
eCollection 2019.
<https://www.ncbi.nlm.nih.gov/pubmed/31534324>

Does one year change in quality of life predict the mortality in patients with chronic obstructive pulmonary disease?-Prospective cohort study.

Havlucu Y, Yorgancioglu A, Sakar Coskun A, Celik P.
J Thorac Dis. 2019 Aug;11(8):3626-3632. doi: 10.21037/jtd.2019.07.89.
<https://www.ncbi.nlm.nih.gov/pubmed/31559070>

Respiratory acute discharge service: a hospital in the home programme for chronic obstructive pulmonary disease exacerbations (RADS Study).

Samaranayake CB, Neill J, Bint M.
Intern Med J. 2019 Oct 7. doi: 10.1111/imj.14646. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31589356>

Mortality of patients with chronic obstructive pulmonary disease: a nationwide populationbased cohort study.

Park SC, Kim DW, Park EC, Shin CS, Rhee CK, Kang YA, Kim YS.
Korean J Intern Med. 2019 Oct 16. doi: 10.3904/kjim.2017.428. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31610634>

Fast Prediction of Deterioration and Death Risk in Patients With Acute Exacerbation of Chronic Obstructive Pulmonary Disease Using Vital Signs and Admission History: Retrospective Cohort Study.

Zhou M, Chen C, Peng J, Luo CH, Feng DY, Yang H, Xie X, Zhou Y.
JMIR Med Inform. 2019 Oct 21;7(4):e13085. doi: 10.2196/13085.
<https://www.ncbi.nlm.nih.gov/pubmed/31638595>

PERSPECTIVES / STATEMENTS / EDITORIALS

Improving Uptake of Pulmonary Rehabilitation after a Chronic Obstructive Pulmonary Disease Exacerbation.

Nici L.

Ann Am Thorac Soc. 2019 Sep;16(9):1119-1121. doi: 10.1513/AnnalsATS.201906-429ED.
<https://www.ncbi.nlm.nih.gov/pubmed/31469307>

COPD exacerbation phenotypes: The next frontier.

Moran A, Pavord ID.

Respirology. 2019 Aug 29. doi: 10.1111/resp.13693. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31468623>

Critically appraised paper: Supplemental oxygen during exercise training provides no benefit over medical air for people with chronic obstructive pulmonary disease who are normoxaemic at rest but who desaturate during exercise [commentary].

Spruit MA.

J Physiother. 2019 Aug 30. pii: S1836-9553(19)30086-4. doi: 10.1016/j.jphys.2019.07.010.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31477502>

COPD and Work - Is It Time to Stop ?

Halpin D.

Am J Respir Crit Care Med. 2019 Sep 12. doi: 10.1164/rccm.201908-1627ED. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31513746>

Development of Limb Muscle Dysfunction in COPD - Smoking, Inflammation or Simply Disuse?

Iepsen UW, Pedersen BK.

Am J Respir Cell Mol Biol. 2019 Sep 18. doi: 10.1165/rcmb.2019-0319ED. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31532223>

Update on Clinical Aspects of Chronic Obstructive Pulmonary Disease.

Celli BR, Wedzicha JA.

N Engl J Med. 2019 Sep 26;381(13):1257-1266. doi: 10.1056/NEJMra1900500.

<https://www.ncbi.nlm.nih.gov/pubmed/31553837>

Update on the Pathogenesis of Chronic Obstructive Pulmonary Disease.

Agustí A, Hogg JC.

N Engl J Med. 2019 Sep 26;381(13):1248-1256. doi: 10.1056/NEJMra1900475.

<https://www.ncbi.nlm.nih.gov/pubmed/31553836>

Ten Research Questions for Improving COPD Care in the Next Decade.

López-Campos JL, Rodríguez DA, Quintana-Gallego E, Martínez-Llorens J, Carrasco Hernández L, Barreiro E.

COPD. 2019 Oct 2:1-10. doi: 10.1080/15412555.2019.1668919. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31576763>

Reviewing and applying qualitative research to inform management of chronic obstructive pulmonary disease.

Harrison SL.

Chron Respir Dis. 2019 Jan-Dec;16:1479973119872506. doi: 10.1177/1479973119872506.
<https://www.ncbi.nlm.nih.gov/pubmed/31581807>

Unexpected Harm From an Intensive COPD Intervention.

Rinne ST, Lindenauer PK, Au DH.

JAMA. 2019 Oct 8;322(14):1357-1359. doi: 10.1001/jama.2019.12976.
<https://www.ncbi.nlm.nih.gov/pubmed/31593255>

Reducing COPD Readmissions: Strategies for the Pulmonologist to Improve Outcomes.

Freedman N.

Chest. 2019 Oct;156(4):802-807. doi: 10.1016/j.chest.2019.06.005.
<https://www.ncbi.nlm.nih.gov/pubmed/31590710>

Do Cough and Sputum Production Predict COPD Exacerbations?: The Evidence Is Growing.

Martin C, Burgel PR.

Chest. 2019 Oct;156(4):641-642. doi: 10.1016/j.chest.2019.06.023.
<https://www.ncbi.nlm.nih.gov/pubmed/31590704>

Update on management of stable chronic obstructive pulmonary disease.

Agrawal R, Moghtader S, Ayyala U, Bandi V, Sharafkhaneh A.

J Thorac Dis. 2019 Sep;11(Suppl 14):S1800-S1809. doi: 10.21037/jtd.2019.06.12.
<https://www.ncbi.nlm.nih.gov/pubmed/31632757>

OTHER

Serum inflammatory markers and nutritional status in patients with stable chronic obstructive pulmonary disease.

Arora S, Madan K, Mohan A, Kalaivani M, Guleria R.

Lung India. 2019 Sep-Oct;36(5):393-398. doi: 10.4103/lungindia.lungindia_494_18.
<https://www.ncbi.nlm.nih.gov/pubmed/31464210>

"A breath of fresh air" for tackling chronic disease in Ireland? An evaluation of a self-management support service for people with chronic respiratory diseases.

Sheridan A, Jennings A, Keane S, Power A, Kavanagh P.

Ir J Med Sci. 2019 Aug 28. doi: 10.1007/s11845-019-02081-w. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31463893>

Correlation of severity of chronic obstructive pulmonary disease with serum vitamin-D level.

Baneen U, Naseem S.

J Family Med Prim Care. 2019 Jul;8(7):2268-2277. doi: 10.4103/jfmprc.jfmprc_404_19.
<https://www.ncbi.nlm.nih.gov/pubmed/31463241>

Helping people live with chronic obstructive pulmonary disease.

Scullion J.

Nurs Older People. 2019 Aug 14. doi: 10.7748/nop.2019.e11113. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31468908>

Assessment of microvascular function in vivo using flow mediated skin fluorescence (FMSF) in patients with obstructive lung diseases: A preliminary study.

Majewski S, Szewczyk K, Białas AJ, Miłkowska-Dymanowska J, Kurmanowska Z, Górski P.
Microvasc Res. 2019 Aug 28:103914. doi: 10.1016/j.mvr.2019.103914. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31472204>

Comparison of the association between circulating vitamin D₃ levels and clinical outcomes in patients with asthma and chronic obstructive pulmonary disease: a prospective observational study.

Hirai K, Shirai T, Suzuki Y, Shimomura T, Itoh K.

Biol Pharm Bull. 2019 Sep 3. doi: 10.1248/bpb.b19-00385. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31484846>

Home initiation of chronic non-invasive ventilation in COPD patients with chronic hypercapnic respiratory failure: a randomised controlled trial.

Duiverman ML, Vonk JM, Bladder G, van Melle JP, Nieuwenhuis J, Hazenberg A, Kerstjens HAM, van Boven JFM, Wijkstra PJ.

Thorax. 2019 Sep 4. pii: thoraxjnl-2019-213303. doi: 10.1136/thoraxjnl-2019-213303. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31484786>

The Obesity Paradox in COPD is Absent in US Never-Smokers.

Wu TD, Ejike C, Wise RA, McCormack MC, Brigham EP.

Am J Epidemiol. 2019 Sep 5. pii: kwz185. doi: 10.1093/aje/kwz185. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31504124>

COPD-Specific Self-Management Support Provided by Trained Educators in Everyday Practice is Associated with Improved Quality of Life, Health-Directed Behaviors, and Skill and Technique Acquisition: A Convergent Embedded Mixed-Methods Study.

Gagné M, Lauzier S, Babineau-Therrien J, Hamel C, Penney SE, Bourbeau J, Moisan J, Boulet LP.

Patient. 2019 Sep 10. doi: 10.1007/s40271-019-00386-7. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31502238>

Clinical and Functional Characteristics of COPD Patients Across GOLD Classifications: Results of a Multicenter Observational Study.

Radovanovic D, Contoli M, Marco FD, Sotgiu G, Pelaia G, Braido F, Corsico AG, Micheletto C, Rogliani P, Scichilone N, Sadleri L, Santus P, Solidoro P.
COPD. 2019 Sep 9;1-12. doi: 10.1080/15412555.2019.1659760. [Epub ahead of print]
<https://www.ncbi.nlm.nih.gov/pubmed/31500459>

Chewing ability and desaturation during chewing in patients with COPD.

Terashima T, Nakajima T, Matsuzaki T, Iwami E, Shibui T, Nomura T, Katakura A.
Monaldi Arch Chest Dis. 2019 Sep 10;89(3). doi: 10.4081/monaldi.2019.1090.
<https://www.ncbi.nlm.nih.gov/pubmed/31505917>

Thoughts on medical oxygen, COPD and enjoying life.

Mogensen K.
Breathe (Sheff). 2019 Sep;15(3):171-172. doi: 10.1183/20734735.0208-2019.
<https://www.ncbi.nlm.nih.gov/pubmed/31508154>

Improving the quality of life of people with advanced respiratory disease and severe breathlessness.

Booth S, Johnson MJ.
Breathe (Sheff). 2019 Sep;15(3):198-215. doi: 10.1183/20734735.0200-2019.
<https://www.ncbi.nlm.nih.gov/pubmed/31508158>

Safety and efficacy of acupuncture for the treatment of chronic obstructive pulmonary disease: A systematic review protocol.

Yu M, Gao L, Kong Y, Yan Y, Shi Q, Si D, Bao H, Sun H, Li L, Li Y.
Medicine (Baltimore). 2019 Sep;98(37):e171112. doi: 10.1097/MD.00000000000017112.
<https://www.ncbi.nlm.nih.gov/pubmed/31517846>

The COPD multi-dimensional phenotype: A new classification from the STORICO Italian observational study.

Antonelli Incalzi R, Canonica GW, Scichilone N, Rizzoli S, Simoni L, Blasi F; STORICO study group.
PLoS One. 2019 Sep 13;14(9):e0221889. doi: 10.1371/journal.pone.0221889. eCollection 2019.
<https://www.ncbi.nlm.nih.gov/pubmed/31518364>

The Concavity of the Maximal Expiratory Flow-Volume Curve Reflects the Extent of Emphysema in Obstructive Lung Diseases.

Mochizuki F, Iijima H, Watanabe A, Tanabe N, Sato S, Shiigai M, Fujiwara K, Shimada T, Ishikawa H, Kanazawa J, Yatagai Y, Masuko H, Sakamoto T, Muro S, Hizawa N.
Sci Rep. 2019 Sep 11;9(1):13159. doi: 10.1038/s41598-019-49591-2.
<https://www.ncbi.nlm.nih.gov/pubmed/31511572>

Psychosocial Interventions for Patients with Severe COPD-An Up-to-Date Literature Review.

Rzadkiewicz M, Nasiłowski J.

Medicina (Kaunas). 2019 Sep 16;55(9). pii: E597. doi: 10.3390/medicina55090597.

<https://www.ncbi.nlm.nih.gov/pubmed/31527553>

Effects of Osteopathic Manual Therapy on Hyperinflation in Patients with Chronic Obstructive Pulmonary Disease: A Randomized Cross-Over Study.

Maskey-Warzechowska M, Mierzejewski M, Gorska K, Golowicz R, Jesien L, Krenke R.

Adv Exp Med Biol. 2019 Sep 21. doi: 10.1007/5584_2019_418. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31541364>

Acupuncture for breathlessness in advanced diseases: A systematic review and meta-analysis.

von Trott P, Oei SL, Ramsenthaler C.

J Pain Symptom Manage. 2019 Sep 17. pii: S0885-3924(19)30527-5. doi:

10.1016/j.jpainsymman.2019.09.007. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31539602>

Assessing health-seeking behavior among Asthma and COPD patients in urban South India.

Arjun P, Nair S, Jilisha G, Anand J, Babu V, Moosan H, Kumari AK.

J Family Med Prim Care. 2019 Aug 28;8(8):2714-2719. doi: 10.4103/jfmprc.jfmprc_485_19.

eCollection 2019 Aug.

<https://www.ncbi.nlm.nih.gov/pubmed/31548962>

An individualized prediction model for long-term lung function trajectory and risk of COPD in the general population.

Chen W, Sin DD, FitzGerald JM, Safari A, Adibi A, Sadatsafavi M.

Chest. 2019 Sep 19. pii: S0012-3692(19)33868-1. doi: 10.1016/j.chest.2019.09.003. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31542453>

Family members' experiences and expectations of self-management counseling while caring for a person with chronic obstructive pulmonary disease: a systematic review of qualitative evidence.

Siltanen H, Jylhä V, Holopainen A, Paavilainen E.

JBISIRIR-D-19-00056. JBI Database System Rev Implement Rep. 2019 Sep 24. doi: 10.11124/JBISIRIR-D-19-00056.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31567526>

Effect of physical therapy for chronic obstructive pulmonary disease: A protocol for an updated systematic review of randomized controlled trial.

Gao H, Gao Y, Sun P, Shen J, Yao HJ, Fu SD, Meng C.

Medicine (Baltimore). 2019 Sep;98(38):e17241. doi: 10.1097/MD.00000000000017241.

<https://www.ncbi.nlm.nih.gov/pubmed/31567989>

Modern Innovative Solutions in Improving Outcomes in Chronic Obstructive Pulmonary Disease (MISSION COPD): Mixed Methods Evaluation of a Novel Integrated Care Clinic.

Lanning E, Longstaff J, Jones T, Roberts C, Neville D, DeVos R, Storrar W, Green B, Brown T, Leung A, Fogg C, Dominey R, Bassett P, Meredith P, Chauhan AJ.

Interact J Med Res. 2019 Oct 1;8(4):e9637. doi: 10.2196/ijmr.9637.

<https://www.ncbi.nlm.nih.gov/pubmed/31573894>

Factors associated with appendicular skeletal muscle mass among male Chinese patients with stable chronic obstructive pulmonary disease: A hospital-based cross-sectional study.

Han Y, Wu Z, Chen Y, Kan Y, Geng M, Xu N, Qian H, Wang HF, Niu M.

Medicine (Baltimore). 2019 Oct;98(40):e17361. doi: 10.1097/MD.00000000000017361.

<https://www.ncbi.nlm.nih.gov/pubmed/31577733>

Short-term variations of optic coherence tomography findings in mild and severe chronic obstructive pulmonary disease.

Ogan N, Ozer PA, Kocamaz MF, Akpinar EE, Baha A, Gulensoy ES.

Eye (Lond). 2019 Oct 4. doi: 10.1038/s41433-019-0613-x. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31586168>

Prognostic models for outcome prediction in patients with chronic obstructive pulmonary disease: systematic review and critical appraisal.

Bellou V, Belbasis L, Konstantinidis AK, Tzoulaki I, Evangelou E.

BMJ. 2019 Oct 4;367:l5358. doi: 10.1136/bmj.l5358.

<https://www.ncbi.nlm.nih.gov/pubmed/31585960>

ERS Presidential Summit 2018: multimorbidities and the ageing population.

Gaga M, Powell P, Almagro M, Tsiligianni I, Loukides S, Roca J, Cullen M, Simonds AK, Ward B, Saraiva I, Troosters T, Robalo Cordeiro C.

ERJ Open Res. 2019 Sep 25;5(3). pii: 00126-2019. doi: 10.1183/23120541.00126-2019. eCollection 2019 Jul.

<https://www.ncbi.nlm.nih.gov/pubmed/31579675>

Benefits of the 'village': a qualitative exploration of the patient experience of COPD in rural Australia.

Glenister K, Haines H, Disler R.

BMJ Open. 2019 Oct 7;9(10):e030953. doi: 10.1136/bmjopen-2019-030953.

<https://www.ncbi.nlm.nih.gov/pubmed/31594890>

Effect of a Hospital-Initiated Program Combining Transitional Care and Long-term Self-management Support on Outcomes of Patients Hospitalized With Chronic Obstructive Pulmonary Disease: A Randomized Clinical Trial.

Aboumatar H, Naqibuddin M, Chung S, Chaudhry H, Kim SW, Saunders J, Bone L, Gurses AP, Knowlton A, Pronovost P, Putcha N, Rand C, Roter D, Sylvester C, Thompson C, Wolff JL, Hibbard J, Wise RA.

JAMA. 2019 Oct 8;322(14):1371-1380. doi: 10.1001/jama.2019.11982.

<https://www.ncbi.nlm.nih.gov/pubmed/31593271>

High Deductible Health Plans and Healthcare Access, Use, and Financial Strain in Those with COPD.

Gaffney A, White A, Hawks L, Himmelstein D, Woolhandler S, Christiani DC, McCormick D. Ann Am Thorac Soc. 2019 Oct 10. doi: 10.1513/AnnalsATS.201905-400OC. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31599647>

Direct and indirect costs of COPD progression and its comorbidities in a structured disease management program: results from the LQ-DMP study.

Kirsch F, Schramm A, Schwarzkopf L, Lutter JI, Szentes B, Huber M, Leidl R.

Respir Res. 2019 Oct 10;20(1):215. doi: 10.1186/s12931-019-1179-7.

<https://www.ncbi.nlm.nih.gov/pubmed/31601216>

Facebook Groups on Chronic Obstructive Pulmonary Disease: Social Media Content Analysis.

Apperson A, Stellefson M, Paige SR, Chaney BH, Chaney JD, Wang MQ, Mohan A.

Int J Environ Res Public Health. 2019 Oct 9;16(20). pii: E3789. doi: 10.3390/ijerph16203789.

<https://www.ncbi.nlm.nih.gov/pubmed/31600907>

Trajectory and mortality of Preserved Ratio Impaired Spirometry: the Rotterdam Study.

Wijnant SRA De Roos E, Kavousi M, Stricker BH, Terzikhan N, Lahousse L, Brusselle GG.

Eur Respir J. 2019 Oct 10. pii: 1901217. doi: 10.1183/13993003.01217-2019. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31601717>

Telomere length in COPD: Relationships with physical activity, exercise capacity, and acute exacerbations.

Wan ES, Goldstein RL, Fan VS, Nguyen HQ, Hart JE, Garshick E, Orr EH, DeVivo I, Moy ML.

PLoS One. 2019 Oct 17;14(10):e0223891. doi: 10.1371/journal.pone.0223891. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31622416>

COPD: Does Inpatient Education Impact Hospital Costs and Length of Stay?

Hosseini HM, Pai DR, Ofak DR.

Hosp Top. 2019 Oct 17;1-11. doi: 10.1080/00185868.2019.1677540. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31621519>

Abnormal Activity of Neck Inspiratory Muscle During Sleep as a Prognostic Indicator in COPD.

Redolfi S, Grassion L, Rivals I, Chavez M, Wattiez N, Arnulf I, Gonzalez-Bermejo J, Similowski T.

Am J Respir Crit Care Med. 2019 Oct 23. doi: 10.1164/rccm.201907-1312OC. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31644879>

Pulmonary function and functional capacity cut-off point to establish sarcopenia and dynapenia in patients with COPD.

Mansour KMK, Goulart CDL, Carvalho-Junior LCS, Trimer R, Borghi-Silva A, Silva ALGD. J Bras Pneumol. 2019 Oct 17;45(6):e20180252. doi: 10.1590/1806-3713/e20180252. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31644702>

Assessment of religious coping in patients with COPD.

Nascimento FABD, Silva GPF, Prudente GFG, Mesquita R, Pereira EDB. J Bras Pneumol. 2019 Oct 17;46(1):e20180150. doi: 10.1590/1806-3713/e20180150. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/31644700>

Precision medicine and treatable traits in chronic airway diseases - where do we stand?

Suppli Ulrik C, Vijverberg S, Hanania NA, Diamant Z. Curr Opin Pulm Med. 2019 Oct 21. doi: 10.1097/MCP.0000000000000639. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31644440>

Fifty Years of Progress in the Epidemiology of Chronic Obstructive Pulmonary Disease: A Review of National Heart, Lung, and Blood Institute-Sponsored Studies.

Mannino DM. Chronic Obstr Pulm Dis. 2019 Oct 23;6(4). doi: 10.15326/jcopdf.6.4.2019.0145.

Global prevalence of asthma-COPD overlap (ACO) in the general population: a systematic review and meta-analysis.

Hosseini M, Almasi-Hashiani A, Sepidarkish M, Maroufizadeh S. Respir Res. 2019 Oct 23;20(1):229. doi: 10.1186/s12931-019-1198-4.

<https://www.ncbi.nlm.nih.gov/pubmed/31647021>

Vitamin D does not improve lung function decline in COPD: a meta-analysis.

Chen FY, Xiao M, Ling B, Liu L, Chen L. Eur Rev Med Pharmacol Sci. 2019 Oct;23(19):8637-8644. doi: 10.26355/eurrev_201910_19181.

<https://www.ncbi.nlm.nih.gov/pubmed/31646598>

The Burden of Rural COPD: Analyses from the National Health and Nutrition Examination Survey (NHANES).

Raju S, Brigham EP, Paulin LM, Putcha N, Balasubramanian A, Hansel NN, McCormack MC.

Am J Respir Crit Care Med. 2019 Oct 23. doi: 10.1164/rccm.201906-1128LE. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31644882>

Acute effects of photobiomodulation therapy applied to respiratory muscles of chronic obstructive pulmonary disease patients: a double-blind, randomized, placebo-controlled crossover trial.

de Souza GHM, Ferraresi C, Moreno MA, Pessoa BV, Damiani APM, Filho VG, Dos Santos GV, Zamunér AR.

Lasers Med Sci. 2019 Oct 26. doi: 10.1007/s10103-019-02885-3. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31654154>

Nasal High Flow for Stable Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.

Bonnevie T, Elkins M, Paumier C, Medrinal C, Combret Y, Patout M, Muir JF, Cuvelier A, Gravier FE, Prieur G.

COPD. 2019 Oct 27:1-10. doi: 10.1080/15412555.2019.1672637. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/31656111>