



## ERS literature update January-February 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

#### **Effects of community-based pulmonary rehabilitation in 33 municipalities in Denmark - results from the KOALA project.**

Godtfredsen N, Sørensen TB, Lavesen M, Pors B, Dalsgaard LS, Dollerup J, Grann O.  
Int J Chron Obstruct Pulmon Dis. 2018 Dec 21;14:93-100. doi: 10.2147/COPD.S190423.  
eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30613139>

#### **Multidisciplinary inpatient rehabilitation following heart and/or lung transplantation - examining cohort characteristics and clinical outcomes.**

Shiner CT, Woodbridge G, Skalicky DA, Faux SG.  
PM R. 2019 Jan 4. doi: 10.1002/pmrj.12057. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30609218>

#### **Distinct skeletal muscle molecular responses to pulmonary rehabilitation in chronic obstructive pulmonary disease: a cluster analysis.**

Kneppers AEM, Haast RAM, Langen RCJ, Verdijk LB, Leermakers PA, Gosker HR, van Loon LJC, Lainscak M, Schols AMWJ.  
J Cachexia Sarcopenia Muscle. 2019 Jan 18. doi: 10.1002/jcsm.12370. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30657653>

#### **Developing an intervention to increase REferral and uptake TO pulmonary REhabilitation in primary care in patients with chronic obstructive pulmonary disease (the RESTORE study): mixed methods study protocol.**

Early F, Wilson P, Deaton C, Wellwood I, Dickerson T, Ward J, Jongepier L, Barlow R, Singh SJ, Benson J, Brimicombe J, Kim L, Haque H, Fuld J.

BMJ Open. 2019 Jan 21;9(1):e024806. doi: 10.1136/bmjopen-2018-024806.

<https://www.ncbi.nlm.nih.gov/pubmed/30670521>

#### **The Effect of Pulmonary Rehabilitation on the Physical Activity Level and General Clinical Status of Patients with Bronchiectasis.**

Pehlivan E, Niksarlıoğlu EY, Balcı A, Kılıç L.

Turk Thorac J. 2019 Jan 1;20(1):30-35. doi: 10.5152/TurkThoracJ.2018.18093.

<https://www.ncbi.nlm.nih.gov/pubmed/30664424>

**Low rates of participation and completion of pulmonary rehabilitation in patients with chronic obstructive pulmonary disease in primary health care.**

Méndez A, Labra P, Pizarro R, Baeza N.

Rev Med Chil. 2018 Nov;146(11):1304-1308. doi: 10.4067/S0034-98872018001101304.

<https://www.ncbi.nlm.nih.gov/pubmed/30725044>

**Benefits of pulmonary rehabilitation in patients with chronic obstructive pulmonary disease and interstitial lung disease with the same dyspnea severity.**

Pedro PI, Maia Santos L, Braço Forte C, Dias A, Cruz C, Rodrigues F.

Pulmonology. 2019 Feb 9. pii: S2531-0437(19)30009-1. doi: 10.1016/j.pulmoe.2019.01.002.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30755382>

**Minimal clinically important difference of 3-minute chair rise test and the DIRECT questionnaire after pulmonary rehabilitation in COPD patients.**

Lévesque J, Antoniadis A, Li PZ, Herengt F, Brosson C, Grosbois JM, Bernady A, Bender A, Favre M, Guerder A, Surpas P, Similowski T, Aguilaniu B.

Int J Chron Obstruct Pulmon Dis. 2019 Jan 22;14:261-269. doi: 10.2147/COPD.S187567. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30774324>

**Effectiveness of early rehabilitation on patients with chronic obstructive lung disease and acute respiratory failure in intensive care units: A case-control study.**

Chou W, Lai CC, Cheng KC, Yuan KS, Chen CM, Cheng AC.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118820310. doi: 10.1177/1479973118820310.

<https://www.ncbi.nlm.nih.gov/pubmed/30789023>

**Why do people with chronic obstructive pulmonary disease repeat pulmonary rehabilitation? Perspectives of patients and health professionals.**

Storey S, Erbas B, Holland AE.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118816420. doi: 10.1177/1479973118816420.

<https://www.ncbi.nlm.nih.gov/pubmed/30789015>

## EXERCISE TESTING AND TRAINING

**Mind-Body Exercise (Wuqinxi) for Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis of Randomized Controlled Trials.**

Wang K, Liu S, Kong Z, Zhang Y, Liu J.

Int J Environ Res Public Health. 2018 Dec 28;16(1). pii: E72. doi: 10.3390/ijerph16010072.

<https://www.ncbi.nlm.nih.gov/pubmed/30597878>

**The Role of Cardiopulmonary Exercise Testing (CPET) in Pulmonary Rehabilitation (PR) of Chronic Obstructive Pulmonary Disease (COPD) Patients.**

Stringer W, Marciniuk D.

COPD. 2018 Dec 30;1-11. doi: 10.1080/15412555.2018.1550476. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30595047>

**Upper-extremity function prospectively predicts adverse discharge and all-cause COPD readmissions: a pilot study.**

Ehsani H, Mohler MJ, Golden T, Toosizadeh N.

Int J Chron Obstruct Pulmon Dis. 2018 Dec 18;14:39-49. doi: 10.2147/COPD.S182802.  
eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30587960>

**Comparative Assessment of CPET Versus Typical Work-related Activities in Women With and Without Mild COPD.**

Schneider J, Lee Giesser I, Laux S, Brückner U, Schneider-Lauteren S.

In Vivo. 2019 Jan-Feb;33(1):115-124. doi: 10.21873/invivo.11447.

<https://www.ncbi.nlm.nih.gov/pubmed/30587611>

**Impact of Lower-Limb Endurance Training on Dyspnea and Lung Functions in Patients with COPD.**

Tarigan AP, Pandia P, Mutiara E, Pradana A, Rhinsilva E, Efriyandi E.

Open Access Maced J Med Sci. 2018 Dec 17;6(12):2354-2358. doi:  
10.3889/oamjms.2018.381. eCollection 2018 Dec 20.

<https://www.ncbi.nlm.nih.gov/pubmed/30607190>

**Effect and feasibility of non-linear periodized resistance training in people with COPD: study protocol for a randomized controlled trial.**

Frykholm E, Klijn P, Saey D, van Hees HWH, Stål P, Sandström T, Sörlin A, Maltais F, Nyberg A.

Trials. 2019 Jan 3;20(1):6. doi: 10.1186/s13063-018-3129-y.

<https://www.ncbi.nlm.nih.gov/pubmed/30606240>

**Pulmonary physiotherapy and aerobic exercise programs can improve cognitive functions and functional ability.**

Tekeşin A, Tunç A, Güngen BD, Avcı N, Bakış M, Perk S.

Idegyogy Sz. 2018 Nov 30;71(11-12):423-430. doi: 10.18071/isz.71.0423.

<https://www.ncbi.nlm.nih.gov/pubmed/30604942>

**Effects of home-based prescribed pulmonary exercise by patients with chronic obstructive pulmonary disease: study protocol for a randomized controlled trial.**

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

Trials. 2019 Jan 11;20(1):41. doi: 10.1186/s13063-018-3149-7.

<https://www.ncbi.nlm.nih.gov/pubmed/30635038>

**The relationship between steps of 6MWT and COPD severity: a cross-sectional study.**

Zeng GS, Chen LC, Fan HZ, Wu LL, Wu XP, Fang ZK, He X, Yu HP.

Int J Chron Obstruct Pulmon Dis. 2018 Dec 28;14:141-148. doi: 10.2147/COPD.S188994. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30643400>

**Faster oxygen uptake, heart rate and ventilatory kinetics in Stepping compared to Cycle ergometry in COPD patients during moderate intensity exercise.**

Müller PT, Nogueira JZ, Augusto TR, Chiappa GR.

Appl Physiol Nutr Metab. 2019 Jan 16. doi: 10.1139/apnm-2018-0662. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30649910>

**Intermittent Use of Portable NIV Increases Exercise Tolerance in COPD: A Randomised, Cross-Over Trial.**

Vogiatzis I, Chynkiamis N, Armstrong M, Lane ND, Hartley T, Gray WK, Bourke SC.

J Clin Med. 2019 Jan 15;8(1). pii: E94. doi: 10.3390/jcm8010094.

<https://www.ncbi.nlm.nih.gov/pubmed/30650617>

**The minimal detectable difference for endurance shuttle walk test performance in people with COPD on completion of a program of high-intensity ground-based walking.**

Hill K, Ng C, Wootton SL, McKeough ZJ, Eastwood PR, Hillman DR, Jenkins C, Spencer L, Jenkins SC, Cecins NM, Alison JA.

Respir Med. 2019 Jan;146:18-22. doi: 10.1016/j.rmed.2018.11.013. Epub 2018 Nov 20.

<https://www.ncbi.nlm.nih.gov/pubmed/30665513>

**Quality of resistance training description in COPD trials: study protocol for a systematic review.**

Westra B, de Wolf S, Bij de Vaate E, Legemaat M, Nyberg A, Klijn P.

BMJ Open. 2019 Jan 21;9(1):e025030. doi: 10.1136/bmjopen-2018-025030.

<https://www.ncbi.nlm.nih.gov/pubmed/30670522>

**Desaturation during Six-Minute Walk Testing Predicts Major Morbidity Following Anatomic Lung Resection among Patients with COPD.**

Towe CW, Wu K, Khil A, Perry Y, Worrell SG, Ho VP, Linden PA.

Healthcare (Basel). 2019 Jan 23;7(1). pii: E16. doi: 10.3390/healthcare7010016.

<https://www.ncbi.nlm.nih.gov/pubmed/30678079>

**Reproducibility and Validity of the 6-Minute Stationary Walk Test Associated With Virtual Reality in Subjects With COPD.**

Frade MM, Dos Reis IM, Basso-Vanelli RP, Brandão AF, Jamami M.

Respir Care. 2019 Jan 29. pii: respcare.06237. doi: 10.4187/respcare.06237. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30696755>

**Effects of Water-Based Aerobic Interval Training in Patients With COPD: A RANDOMIZED CONTROLLED TRIAL.**

Gallo-Silva B, Cerezer-Silva V, Ferreira DG, Sakabe DI, Kel-Souza LD, Bertholo VC, Brasil MTF, Ladeia AOA, Moreno MA.

J Cardiopulm Rehabil Prev. 2019 Jan 31. doi: 10.1097/HCR.0000000000000352. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30720640>

**Cardiac output measurement during exercise in COPD: A comparison of dye dilution and impedance cardiography.**

Louvaris Z, Spetsioti S, Andrianopoulos V, Chynkiamis N, Habazetl H, Wagner H, Zakynthinos S, Wagner PD, Vogiatzis.

Clin Respir J. 2019 Feb 5. doi: 10.1111/crj.13002. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30724023>

**The Effect of Breathing Retraining Using Metronome-Based Acoustic Feedback on Exercise Endurance in COPD: A Randomized Trial.**

Collins EG, Jelinek C, O'Connell S, Butler J, Reda D, Laghi F.

Lung. 2019 Feb 9. doi: 10.1007/s00408-019-00198-4. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30739217>

**Exercise intolerance in comorbid COPD-heart failure: the role of impaired aerobic function.**

Rocha A, Arbex FF, Sperandio PA, Mancuso F, Marillier M, Bernard AC, Alencar MCN, Donnell DEO, Alberto Neder J.

Eur Respir J. 2019 Feb 14. pii: 1802386. doi: 10.1183/13993003.02386-2018. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30765506>

**Functional status measures for the COPD patient: A practical categorization.**

Lareau SC, Blackstock FC.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118816464. doi: 10.1177/1479973118816464.

<https://www.ncbi.nlm.nih.gov/pubmed/30789020>

**Balance assessment in people with COPD: An evidence-based guide.**

Beauchamp MK.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118820311. doi: 10.1177/1479973118820311.

<https://www.ncbi.nlm.nih.gov/pubmed/30789019>

**Inter-day test-retest reliability and feasibility of isokinetic, isometric, and isotonic measurements to assess quadriceps endurance in people with chronic obstructive pulmonary disease: A multicenter study.**

Frykholm E, Géphine S, Saey D, van Hees H, Lemson A, Klijn P, Maltais F, Nyberg A.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118816497. doi: 10.1177/1479973118816497.

<https://www.ncbi.nlm.nih.gov/pubmed/30789016>

## **Active Video Games for Rehabilitation in Respiratory Conditions: Systematic Review and Meta-Analysis.**

Simmich J, Deacon AJ, Russell TG.

JMIR Serious Games. 2019 Feb 25;7(1):e10116. doi: 10.2196/10116.

<https://www.ncbi.nlm.nih.gov/pubmed/30801256>

## **PHYSICAL ACTIVITY**

### **Daily Objective Physical Activity and Sedentary Time in Adults with COPD Using Spirometry Data from Canadian Measures Health Survey.**

Bernard P, Hains-Monfette G, Atoui S, Moullec G.

Can Respir J. 2018 Dec 2;2018:9107435. doi: 10.1155/2018/9107435. eCollection 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/30631383>

### **Is iron deficiency modulating physical activity in COPD?**

Martín-Ontiyuelo C, Rodó-Pin A, Sancho-Muñoz A, Martínez-Llorens JM, Admetlló M, Molina L, Gea J, Barreiro E, Chiaradía DAR.

Int J Chron Obstruct Pulmon Dis. 2019 Jan 11;14:211-214. doi: 10.2147/COPD.S182700. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30666101>

### **Cost-effectiveness of physical activity in the management of COPD patients in the UK.**

Ramos M, Lamotte M, Gerlier L, Svangren P, Miquel-Cases A, Haughney J.

Int J Chron Obstruct Pulmon Dis. 2019 Jan 15;14:227-239. doi: 10.2147/COPD.S181194. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30697043>

### **Participation in Physical Activity During Center and Home-Based Pulmonary Rehabilitation for People With COPD: A SECONDARY ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL.**

Lahham A, McDonald CF, Mahal A, Lee AL, Hill CJ, Burge AT, Cox NS, Moore R, Nicolson C, O'Halloran P, Gillies R, Holland AE.

J Cardiopulm Rehabil Prev. 2019 Jan 25. doi: 10.1097/HCR.0000000000000373. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30688793>

### **The role of physical activity in the context of pulmonary rehabilitation.**

Blondeel A, Demeyer H, Janssens W, Troosters T.

COPD. 2019 Feb 4:1-8. doi: 10.1080/15412555.2018.1563060. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30712395>

### **Physical activity in COPD: Minimal clinically important difference for medical events.**

Teylan M, Kantorowski A, Homsy D, Kadri R, Richardson C, Moy M.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118816424. doi: 10.1177/1479973118816424.

<https://www.ncbi.nlm.nih.gov/pubmed/30789017>

## TELEMEDICINE

### **Mobile health tools for the management of chronic respiratory diseases.**

Sleurs K, Seys S, Bousquet J, Fokkens W, Gorris S, Pugin B, Hellings PW.

Allergy. 2019 Jan 15. doi: 10.1111/all.13720. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30644567>

### **Assessing the Needs and Perspectives of Patients With Asthma and Chronic Obstructive Pulmonary Disease on Patient Web Portals: Focus Group Study.**

Metting E, Schrage AJ, Kocks JW, Sanderman R, van der Molen T.

JMIR Form Res. 2018 Nov 22;2(2):e22. doi: 10.2196/formative.8822.

<https://www.ncbi.nlm.nih.gov/pubmed/30684436>

### **Can the COPD web be used to promote self-management in patients with COPD in swedish primary care: a controlled pragmatic pilot trial with 3 month- and 12 month follow-up.**

Nyberg A, Tistad M, Wadell K.

Scand J Prim Health Care. 2019 Jan 31:1-14. doi: 10.1080/02813432.2019.1569415. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30700230>

### **Effectiveness of tele-monitoring by patient severity and intervention type in chronic obstructive pulmonary disease patients: A systematic review and meta-analysis.**

Hong Y, Lee SH.

Int J Nurs Stud. 2019 Jan 2;92:1-15. doi: 10.1016/j.ijnurstu.2018.12.006. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30690162>

### **Patient expectations and experiences of remote monitoring for chronic diseases: Systematic review and thematic synthesis of qualitative studies.**

Walker RC, Tong A, Howard K, Palmer SC.

Int J Med Inform. 2019 Apr;124:78-85. doi: 10.1016/j.ijmedinf.2019.01.013. Epub 2019 Jan 29.

<https://www.ncbi.nlm.nih.gov/pubmed/30784430>

## PATIENT REPORTED OUTCOME MEASURES

### **An assessment of health-related quality of life among patients with chronic obstructive pulmonary diseases attending a tertiary care hospital in Bhubaneswar City, India.**

Pati S, Swain S, Patel SK, Chauhan AS, Panda N, Mahapatra P, Pati S.

J Family Med Prim Care. 2018 Sep-Oct;7(5):1047-1053. doi: 10.4103/jfmpc.jfmpc\_37\_18.

<https://www.ncbi.nlm.nih.gov/pubmed/30598955>

**Disease awareness in patients with COPD: measurement and extent.**

Baiardini I, Rogliani P, Santus P, Corsico AG, Contoli M, Scichilone N, Di Marco F, Lessi P, Scognamillo C, Molinengo G, Ferri F, Patella V, Fiorentino G, Carone M, Braido F.  
Int J Chron Obstruct Pulmon Dis. 2018 Dec 17;14:1-11. doi: 10.2147/COPD.S179784.  
eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30587957>

**Triangulated perspectives on outcomes of pulmonary rehabilitation in patients with COPD: a qualitative study to inform a core outcome set.**

Souto-Miranda S, Marques A.

Clin Rehabil. 2018 Dec 28:269215518821405. doi: 10.1177/0269215518821405. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30592227>

**The Validity and Responsiveness of the Depression, Anxiety and Stress Scale (DASS-21) in Chronic Obstructive Pulmonary Disease.**

Yohannes AM, Dryden S, Hanania NA.

Chest. 2018 Dec 27. pii: S0012-3692(18)32901-5. doi: 10.1016/j.chest.2018.12.010. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30594559>

**Heterogeneity in the respiratory symptoms of patients with mild-to-moderate COPD.**

Johnson KM, Safari A, Tan WC, Bourbeau J, FitzGerald JM, Sadatsafavi M, Study OBOTCCOOLDC; Canadian Respiratory Research Network.

Int J Chron Obstruct Pulmon Dis. 2018 Dec 13;13:3983-3995. doi: 10.2147/COPD.S184424.  
eCollection 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/30587954>

**Health related quality of life aspects not captured by EQ-5D-5L: Results from an international survey of patients.**

Efthymiadou O, Mossman J, Kanavos P.

Health Policy. 2018 Dec 14. pii: S0168-8510(18)30677-8. doi: 10.1016/j.healthpol.2018.12.003. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30598239>

**Group singing improves depression and life quality in patients with stable COPD: a randomized community-based trial in China.**

Liu H, Song M, Zhai ZH, Shi RJ, Zhou XL.

Qual Life Res. 2019 Jan 5. doi: 10.1007/s11136-018-2063-5. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30612266>



**Two Interventions for Patients With Major Depression and Severe Chronic Obstructive Pulmonary Disease: Impact on Quality of Life.**

Jackson DS, Banerjee S, Sirey JA, Pollari C, Solomonov N, Novitch R, Chalfin A, Wu Y, Alexopoulos GS.

Am J Geriatr Psychiatry. 2018 Dec 7. pii: S1064-7481(18)30588-8. doi:

10.1016/j.jagp.2018.12.004. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30630702>

**Agreement between Breathlessness Severity and Unpleasantness in People with Chronic Breathlessness: A Longitudinal Clinical Study.**

Ekström M, Williams M, Johnson MJ, Huang C, Currow DC.

J Pain Symptom Manage. 2019 Jan 9. pii: S0885-3924(19)30002-8. doi:

10.1016/j.jpainsymman.2019.01.001. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30639756>

**Effects of baseline symptom burden on treatment response in COPD.**

Martinez FJ, Abrahams RA, Ferguson GT, Bjermer L, Grönke L, Voß F, Singh D.

Int J Chron Obstruct Pulmon Dis. 2019 Jan 4;14:181-194. doi: 10.2147/COPD.S179912. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30655665>

**Patient perceived impact of nurse-led self-management interventions for COPD: A systematic review of qualitative research.**

Baker E, Fatoye F.

Int J Nurs Stud. 2018 Dec 31;91:22-34. doi: 10.1016/j.ijnurstu.2018.12.004. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30669076>

**Psychological distress is related to poor health behaviours in COPD and non-COPD patients: Evidence from the CanCOLD study.**

Paine NJ, Bacon SL, Bourbeau J, Tan WC, Lavoie KL; CanCOLD Study Investigators, Aaron SD, Chapman KR, FitzGerald JM, Hernandez P, Marciniuk DD, Maltais F, O'Donnell DE, Sin D, Walker BL; Canadian Respiratory Research Network and the CanCOLD Collaborative Research Group.

Respir Med. 2019 Jan;146:1-9. doi: 10.1016/j.rmed.2018.11.006. Epub 2018 Nov 15.

<https://www.ncbi.nlm.nih.gov/pubmed/30665505>

**The impact of disease-specific fears on outcome measures of pulmonary rehabilitation in patients with COPD.**

Reijnders T, Schuler M, Wittmann M, Jelusic D, Troosters T, Janssens W, Stenzel NM, Schultz K, von Leupoldt A.

Respir Med. 2019 Jan;146:87-95. doi: 10.1016/j.rmed.2018.12.004. Epub 2018 Dec 13.

<https://www.ncbi.nlm.nih.gov/pubmed/30665524>

**The Effect of 20-Minute Mindful Breathing on the Rapid Reduction of Dyspnoea at Rest in Patients with Lung Diseases: A Randomized Controlled Trial.**

Tan SB, Liam CK, Pang YK, Leh-Ching Ng D, Wong TS, Wei-Shen Khoo K, Ooi CY, Chai CS.  
J Pain Symptom Manage. 2019 Jan 23. pii: S0885-3924(19)30042-9. doi:  
10.1016/j.jpainsymman.2019.01.009. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30684635>

**Life quality parameters in patients with combination of stable ischemic heart disease and chronic obstructive pulmonary disease.**

Rasputina LV, Didenko DV, Ovcharuk MV.  
Wiad Lek. 2018;71(8):1560-1565.  
<https://www.ncbi.nlm.nih.gov/pubmed/30684341>

**Symptom clusters in chronic obstructive pulmonary disease: A systematic review.**

Jenkins BA, Athilingam P, Jenkins RA.  
Appl Nurs Res. 2019 Feb;45:23-29. doi: 10.1016/j.apnr.2018.11.003. Epub 2018 Nov 7.  
<https://www.ncbi.nlm.nih.gov/pubmed/30683247>

**Systematic Review of Pain in Clinical Practice Guidelines for Management of COPD: A Case for Including Chronic Pain?**

Lewthwaite H, Williams G, Baldock KL, Williams MT.  
Healthcare (Basel). 2019 Jan 22;7(1). pii: E15. doi: 10.3390/healthcare7010015.  
<https://www.ncbi.nlm.nih.gov/pubmed/30678205>

**Do London Chest Activity of Daily Living Scale and St George's Respiratory Questionnaire Reflect Limitations During Activities of Daily Living in Patients With COPD?**

Barusso-Grüninger MS, Gianjoppe-Santos J, Sentanin AC, Pires Di Lorenzo VA.  
J Cardiopulm Rehabil Prev. 2019 Jan 25. doi: 10.1097/HCR.0000000000000355. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30688792>

**Cognitive screening in chronic obstructive pulmonary disease: patient's perspectives.**

Disler RT, Spiliopoulos N, Inglis SC, Currow DC, Davidson PM.  
Disabil Rehabil. 2019 Jan 26:1-7. doi: 10.1080/09638288.2018.1519046. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30686080>

**Comparison between the EQ-5D-3L and the SF-6D quality of life (QOL) questionnaires in patients with chronic obstructive pulmonary disease (COPD) undergoing lung volume reduction surgery (LVRS).**

Thuppal S, Markwell S, Crabtree T, Hazelrigg S.  
Qual Life Res. 2019 Feb 1. doi: 10.1007/s11136-019-02123-x. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30707368>

**Health-related quality of life varies in different respiratory disorders: a multi-case control population based study.**

Cappa V, Marcon A, Di Gennaro G, Chamitava L, Cazzoletti L, Bombieri C, Nicolis M, Perbellini L, Sembeni S, de Marco R, Spelta F, Ferrari M, Zanolin ME.

BMC Pulm Med. 2019 Feb 7;19(1):32. doi: 10.1186/s12890-019-0796-8.

<https://www.ncbi.nlm.nih.gov/pubmed/30732605>

**Effect of COPD severity and comorbidities on the result of the PHQ-9 tool for the diagnosis of depression: results from the COSYCONET cohort study.**

von Siemens SM, Jörres RA, Behr J, Alter P, Lutter J, Lucke T, Söhler S, Welte T, Watz H, Vogelmeier CF, Trudzinski F, Rief W, Herbig B, Kahnert K; COSYCONET study group.

Respir Res. 2019 Feb 11;20(1):30. doi: 10.1186/s12931-019-0997-y.

<https://www.ncbi.nlm.nih.gov/pubmed/30744630>

**Accommodating to a troubled life - chronic obstructive pulmonary disease patients' experiences and perceptions of self-image during the course of rehabilitation.**

Simonj C, Andersen IC, Bodtger U, Birkelund R.

Disabil Rehabil. 2019 Feb 14;1-9. doi: 10.1080/09638288.2018.1563641. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30763522>

## INTERSTITIAL LUNG DISEASE

**A randomized cross-over trial on the direct effects of oxygen supplementation therapy using different devices on cycle endurance in hypoxemic patients with Interstitial Lung Disease.**

Edvardsen A, Jarosch I, Grongstad A, Wiegand L, Gloeckl R, Kenn K, Spruit MA.

PLoS One. 2018 Dec 28;13(12):e0209069. doi: 10.1371/journal.pone.0209069. eCollection 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/30592724>

**YouTube Videos as a Source of Misinformation on Idiopathic Pulmonary Fibrosis.**

Goobie GC, Guler SA, Johannson KA, Fisher JH, Ryerson CJ.

Ann Am Thorac Soc. 2019 Jan 4. doi: 10.1513/AnnalsATS.201809-644OC. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30608877>

**8-Foot-Up-and-Go Test is Associated with Hospitalizations and Mortality in Idiopathic Pulmonary Fibrosis: A Prospective Pilot Study.**

Vainshelboim B, Kramer MR, Myers J, Unterman A, Izhakian S, Oliveira J.

Lung. 2019 Jan 2. doi: 10.1007/s00408-018-0189-4. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30600393>

**Assessing Patterns of Palliative Care Referral and Location of Death in Patients with Idiopathic Pulmonary Fibrosis: A Sixteen-Year Single-Center Retrospective Cohort Study.**

Zou RH, Nouraie M, Chen X, Saul MI, Kaminski N, Gibson KF, Kass DJ, Lindell KO.  
J Palliat Med. 2019 Jan 7. doi: 10.1089/jpm.2018.0400. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30615545>

**Effects of Pursed Lip Breathing on Exercise Capacity and Dyspnea in Patients With Interstitial Lung Disease: A RANDOMIZED, CROSSOVER STUDY.**

Parisien-La Salle S, Abel Rivest E, Gosselin Boucher V, Lalande-Gauthier M, Morisset J, Manganas H, Poirier C, Comtois AS, Dubé BP.

J Cardiopulm Rehabil Prev. 2019 Jan 7. doi: 10.1097/HCR.0000000000000387. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30624373>

**Specialist palliative care, psychology, interstitial lung disease (ILD) multidisciplinary team meeting: a novel model to address palliative care needs.**

Barratt SL, Morales M, Spiers T, Al Jboor K, Lamb H, Mulholland S, Edwards A, Gunary R, Meek P, Jordan N, Sharp C, Kendall C, Adamali HI.

BMJ Open Respir Res. 2018 Dec 19;5(1):e000360. doi: 10.1136/bmjresp-2018-000360. eCollection 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/30622718>

**Characterizing idiopathic pulmonary fibrosis patients using US Medicare-advantage health plan claims data.**

Mortimer K, Hartmann N, Chan C, Norman H, Wallace L, Enger C.

BMC Pulm Med. 2019 Jan 10;19(1):11. doi: 10.1186/s12890-018-0759-5.

<https://www.ncbi.nlm.nih.gov/pubmed/30630460>

**Vitamin D prevents experimental lung fibrosis and predicts survival in patients with idiopathic pulmonary fibrosis.**

Tzilas V, Bouros E, Barbayianni I, Karampitsakos T, Kourtidou S, Ntassiou M, Ninou I, Aidinis V, Bouros D, Tzouvelekis A.

Pulm Pharmacol Ther. 2019 Jan 16. pii: S1094-5539(18)30233-5. doi: 10.1016/j.pupt.2019.01.003. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30659895>

**Spousal bereavement after fibrotic interstitial lung disease: A qualitative study.**

Egerod I, Kaldan G, Shaker SB, Guldin MB, Browatski A, Marsaa K, Overgaard D.

Respir Med. 2019 Jan;146:129-136. doi: 10.1016/j.rmed.2018.12.008. Epub 2018 Dec 21.

<https://www.ncbi.nlm.nih.gov/pubmed/30665511>

**Pulmonary Rehabilitation in patients with Interstitial Lung Disease: The effects of a 12-week programme.**

Sciriha A, Lungaro-Mifsud S, Fsadni P, Scerri J, Montefort S.

Respir Med. 2019 Jan;146:49-56. doi: 10.1016/j.rmed.2018.11.007. Epub 2018 Nov 23.  
<https://www.ncbi.nlm.nih.gov/pubmed/30665518>

**Comprehensive pulmonary rehabilitation for interstitial lung disease: A consensus approach to identify core education topics.**

Holland AE, Watson A, Glaspole I.

Patient Educ Couns. 2019 Jan 16. pii: S0738-3991(19)30004-7. doi:  
10.1016/j.pec.2019.01.010. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30683609>

**Impact of moderate to severe obstructive sleep apnea on the cognition in idiopathic pulmonary fibrosis.**

Tudorache V, Traila D, Marc M, Oancea C, Manolescu D, Tudorache E, Timar B, Albai A, Fira-Mladinescu O.

PLoS One. 2019 Feb 1;14(2):e0211455. doi: 10.1371/journal.pone.0211455. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30707735>

**Quality of life in idiopathic pulmonary fibrosis: The impact of sleep disordered breathing.**

Bosi M, Milioli G, Parrino L, Fanfulla F, Tomassetti S, Melpignano A, Trippi I, Vaudano AE, Ravaglia C, Mascetti S, Poletti V.

Respir Med. 2019 Feb;147:51-57. doi: 10.1016/j.rmed.2018.12.018. Epub 2019 Jan 10.  
<https://www.ncbi.nlm.nih.gov/pubmed/30704699>

**Research highlights from the 2018 ERS International Congress: interstitial lung diseases.**

Alfaro TM, Moor CC, Alfieri V, Jeny F, Kreuter M, Wijsenbeek MS, Renzoni EA, Bargagli E, Nunes H, Spagnolo P, Bonella F, Molina-Molina M, Antoniou K, Poletti V.

ERJ Open Res. 2019 Feb 18;5(1). pii: 00215-2018. doi: 10.1183/23120541.00215-2018. eCollection 2019 Feb.

<https://www.ncbi.nlm.nih.gov/pubmed/30792985>

## ASTHMA

**The impact of exercise on asthma.**

Lang JE.

Curr Opin Allergy Clin Immunol. 2018 Dec 27. doi: 10.1097/ACI.0000000000000510. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30601152>

**Still Fighting for Breath: a patient survey of the challenges and impact of severe asthma.**

Katsaounou P, Odemyr M, Spranger O, Hyland ME, Kroegel C, Conde LG, Gore R, Menzella F, Domingo Ribas C, Morais-Almeida M, Gasser M, Kasujee I.

ERJ Open Res. 2018 Dec 21;4(4). pii: 00076-2018. doi: 10.1183/23120541.00076-2018. eCollection 2018 Oct.

<https://www.ncbi.nlm.nih.gov/pubmed/30588481>

**Asia-Pacific Survey of Physicians on Asthma and Allergic Rhinitis (ASPAIR): physician beliefs and practices about diagnosis, assessment, and treatment of coexistent disease.**

Aggarwal B, Shantakumar S, Hinds D, Mulgirigama A.

J Asthma Allergy. 2018 Dec 11;11:293-307. doi: 10.2147/JAA.S180657. eCollection 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/30588037>

**Weight Loss for Children and Adults with Obesity and Asthma: A Systematic Review of Randomized Controlled Trials.**

Okoniewski W, Lu KD, Forno E.

Ann Am Thorac Soc. 2019 Jan 3. doi: 10.1513/AnnalsATS.201810-651SR. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30605347>

**Obesity and asthma: risk, control and treatment.**

Marko M, Pawliczak R.

Postepy Dermatol Alergol. 2018 Dec;35(6):563-571. doi: 10.5114/ada.2018.77607. Epub 2018 Nov 8.

<https://www.ncbi.nlm.nih.gov/pubmed/30618522>

**Prevalence of nocturnal cough in asthma and its potential as a marker for asthma control (MAC) in combination with sleep quality: protocol of a smartphone-based, multicentre, longitudinal observational study with two stages.**

Tinschert P, Rassouli F, Barata F, Steurer-Stey C, Fleisch E, Puhan MA, Brutsche M, Kowatsch T.

BMJ Open. 2019 Jan 7;9(1):e026323. doi: 10.1136/bmjopen-2018-026323.

<https://www.ncbi.nlm.nih.gov/pubmed/30617104>

**The role of self-efficacy and locus of control in asthma-related needs and outcomes: a cross-sectional study.**

Schreitmüller J, Loerbroks A.

J Asthma. 2019 Jan 11:1-9. doi: 10.1080/02770903.2018.1556687. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30634885>

**A Pilot Study of the Effect of an Educational Web Application on Asthma Control and Medication Adherence.**

Weinstein AG, Singh A, Laurenceau JP, Skoner DP, Maiolo J, Sharara R, Ma K, Cheema T, Butler E, Kong A, Thakkar P, Gentile DA.

J Allergy Clin Immunol Pract. 2019 Jan 11. pii: S2213-2198(19)30049-2. doi: 10.1016/j.jaip.2018.12.024. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30641146>

**Health literacy among asthma patients and treatment expectations: results of a Belgian survey.**

Dupont L, Pilette C, Schleich F, Joos G.

Acta Clin Belg. 2019 Jan 14;1-8. doi: 10.1080/17843286.2018.1564543. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30638161>

**Management of acute loss of asthma control: yellow zone strategies.**

Polk BI, Dinakar C.

Curr Opin Allergy Clin Immunol. 2019 Jan 14. doi: 10.1097/ACI.0000000000000512. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30649012>

**Adherence stages measured by patient-reported outcome instruments in adults with asthma: a scoping review.**

Gagné M, Boulet LP, Pérez N, Moisan J.

J Asthma. 2019 Jan 21;1-9. doi: 10.1080/02770903.2019.1565823. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30663908>

**EuroQol (EQ-5D-5L) Validity in Assessing the Quality of Life in Adults With Asthma: Cross-Sectional Study.**

Hernandez G, Garin O, Dima AL, Pont A, Martí Pastor M, Alonso J, Van Ganse E, Laforest L, de Bruin M, Mayoral K, Serra-Sutton V, Ferrer M; ASTRO-LAB Group.

J Med Internet Res. 2019 Jan 23;21(1):e10178. doi: 10.2196/10178.

<https://www.ncbi.nlm.nih.gov/pubmed/30672744>

**A mixed method observational study of strategies to promote adoption and usage of an application to support asthma self-management.**

Hui CY, McKinstry B, Walton R, Pinnock H.

J Innov Health Inform. 2019 Jan 9;25(4):243-253. doi: 10.14236/jhi.v25i4.1056.

<https://www.ncbi.nlm.nih.gov/pubmed/30672405>

**Factors associated with exacerbations among adults with asthma according to electronic health record data.**

Greenblatt RE, Zhao EJ, Henrickson SE, Apter AJ, Hubbard RA, Himes BE.

Asthma Res Pract. 2019 Jan 18;5:1. doi: 10.1186/s40733-019-0048-y. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30680222>

**Dynamic hyperinflation impairs daily life activity in asthma.**

van der Meer AN, de Jong K, Hoekstra-Kuik A, Bel EH, Ten Brinke A.

Eur Respir J. 2019 Jan 24. pii: 1801500. doi: 10.1183/13993003.01500-2018. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30679190>

**Outpatient pulmonary rehabilitation for severe asthma with fixed airway obstruction: Comparison with COPD.**

Bellocq A, Gaspard W, Couffignal C, Vigan M, Guerder A, Ambard J, Caruana S, Similowski T, Garcia G, Taillé C.

J Asthma. 2019 Jan 29;1-9. doi: 10.1080/02770903.2018.1541351. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30693816>

**Large care gaps in primary care management of asthma: a longitudinal practice audit.**

Price C, Agarwal G, Chan D, Goel S, Kaplan AG, Boulet LP, Mamdani MM, Straus SE, Lebovic G, Gupta S.

BMJ Open. 2019 Jan 29;9(1):e022506. doi: 10.1136/bmjopen-2018-022506.

<https://www.ncbi.nlm.nih.gov/pubmed/30696669>

**A Patient-Centered Mobile Health System That Supports Asthma Self-Management (breathe): Design, Development, and Utilization.**

Morita PP, Yeung MS, Ferrone M, Taite AK, Madeley C, Stevens Lavigne A, To T, Loughheed MD, Gupta S, Day AG, Cafazzo JA, Liciskai C.

JMIR Mhealth Uhealth. 2019 Jan 28;7(1):e10956. doi: 10.2196/10956.

<https://www.ncbi.nlm.nih.gov/pubmed/30688654>

**Asthma and Allergy Mobile Apps in 2018.**

Kagen S, Garland A.

Curr Allergy Asthma Rep. 2019 Feb 2;19(1):6. doi: 10.1007/s11882-019-0840-z.

<https://www.ncbi.nlm.nih.gov/pubmed/30712150>

**The Portuguese version of Rhinitis and Asthma Patient's Perspective (RAPP): Validation and assessment.**

Todo-Bom A, Braido F, Molinengo G, Loureiro C, Canonica GW, Baiardini I.

Pulmonology. 2019 Feb 5. pii: S2531-0437(19)30005-4. doi: 10.1016/j.pulmoe.2018.10.009.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30737172>

**Non-invasive ventilation of patients with acute asthma.**

Sheikh M, Tiruvoipati R, Hurley JC.

Intern Med J. 2019 Feb;49(2):262-264. doi: 10.1111/imj.14208.

<https://www.ncbi.nlm.nih.gov/pubmed/30754082>

**Is a low level of education a limiting factor for asthma control in a population with access to pulmonologists and to treatment?**

Emilio CC, Mingotti CFB, Fiorin PR, Lima LA, Muniz RL, Bigotto LH, Marchi E, Ponte EV.

J Bras Pneumol. 2019 Feb 11;45(1):e20180052. doi: 10.1590/1806-3713/e20180052.

<https://www.ncbi.nlm.nih.gov/pubmed/30758430>

**New evidence-based tool to guide the creation of asthma action plans for adults.**



Kouri A, Kaplan A, Boulet LP, Gupta S.  
Can Fam Physician. 2019 Feb;65(2):103-106.  
<https://www.ncbi.nlm.nih.gov/pubmed/30765356>

**Impact of eHealth on medication adherence among patients with asthma: A systematic review and meta-analysis.**

Jeminiwa R, Hohmann L, Qian J, Garza K, Hansen R, Fox BI.  
Respir Med. 2019 Feb 15. pii: S0954-6111(19)30047-2. doi: 10.1016/j.rmed.2019.02.011.  
[Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30803887>

**Effect of a mHealth intervention on adherence in adolescents with asthma: A randomized controlled trial.**

Kosse RC, Bouvy ML, de Vries TW, Koster ES.  
Respir Med. 2019 Feb 16. pii: S0954-6111(19)30045-9. doi: 10.1016/j.rmed.2019.02.009.  
[Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30803885>

**ADVANCED DISEASE / END OF LIFE / PALLIATIVE CARE**

**Promoting Primary Palliative Care in Severe Chronic Obstructive Pulmonary Disease: Symptom Management and Preparedness Planning.**

Ansari AA, Pomerantz DH, Jayes RL, Aguirre EA, Havyer RD.  
J Palliat Care. 2018 Dec 26;825859718819437. doi: 10.1177/0825859718819437. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30587083>

**Can Early Introduction of Palliative Care Limit Intensive Care, Emergency and Hospital Admissions in Patients with Severe Chronic Obstructive Pulmonary Disease? A Pilot Randomized Study.**

Janssens JP, Weber C, Herrmann FR, Cantero C, Pessina A, Matis C, Merlet Viollet R, Boiche-Brouillard L, Stirnemann J, Pautex S.  
Respiration. 2019 Jan 16;1-10. doi: 10.1159/000495312. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30650418>

**Cluster-randomised trial of a nurse-led advance care planning session in patients with COPD and their loved ones.**

Houben CHM, Spruit MA, Luyten H, Pennings HJ, van den Boogaart VEM, Creemers JPHM, Wesseling G, Wouters EFM, Janssen DJA.  
Thorax. 2019 Jan 19. pii: thoraxjnl-2018-211943. doi: 10.1136/thoraxjnl-2018-211943. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30661022>

**Integrated respiratory and palliative care leads to high levels of satisfaction: a survey of patients and carers.**

Smallwood N, Moran T, Thompson M, Eastman P, Le B, Philip J.

BMC Palliat Care. 2019 Jan 19;18(1):7. doi: 10.1186/s12904-019-0390-0.

<https://www.ncbi.nlm.nih.gov/pubmed/30660204>

**Prevalence of atrial fibrillation in hospital encounters with end-stage chronic obstructive pulmonary disease on home oxygen: National trends in the United States.**

Xiao X, Han H, Wu C, He Q, Ruan Y, Zhai Y, Gao Y, Zhao X, He J.

Chest. 2019 Jan 23. pii: S0012-3692(19)30029-7. doi: 10.1016/j.chest.2018.12.021. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30684473>

**End-of-Life Health Care Utilization Between Chronic Obstructive Pulmonary Disease and Lung Cancer Patients.**

Kuo LC, Chen JH, Lee CH, Tsai CW, Lin CC.

J Pain Symptom Manage. 2019 Jan 29. pii: S0885-3924(19)30044-2. doi:

10.1016/j.jpainsymman.2019.01.011. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30708124>

**The Development of Pathways in Palliative Medicine: Definition, Models, Cost and Quality Impact.**

Finn L, Malhotra S.

Healthcare (Basel). 2019 Feb 1;7(1). pii: E22. doi: 10.3390/healthcare7010022.

<https://www.ncbi.nlm.nih.gov/pubmed/30717281>

**Palliative Care Provision for Patients with Advanced Chronic Obstructive Pulmonary Disease: A Systematic Integrative Literature Review.**

Fusi-Schmidhauser T, Riglietti A, Froggatt K, Preston N.

COPD. 2019 Feb 4;1-12. doi: 10.1080/15412555.2019.1566893. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30714417>

**Approaches to palliative oxygen therapy in chronic obstructive pulmonary disease: a multi-national survey of specialists.**

Smallwood N, Currow D, Booth S, Spathis A, Irving L, Philip J.

Intern Med J. 2019 Feb;49(2):252-256. doi: 10.1111/imj.14195.\

<https://www.ncbi.nlm.nih.gov/pubmed/30754086>

**Predicting outcomes following holistic breathlessness services: A pooled analysis of individual patient data.**

Brighton LJ, Gao W, Farquhar M, Booth S, Bajwah S, Man WD, Reilly CC, Yi D, Higginson IJ, Maddocks M.

Palliat Med. 2019 Feb 15:269216319830299. doi: 10.1177/0269216319830299. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30764714>

**Perspectives on End-of-Life Treatment among Patients with COPD: A Multicenter, Cross-sectional Study in Japan.**

Fuseya Y, Muro S, Sato S, Sato A, Tanimura K, Hasegawa K, Uemasu K, Hamakawa Y, Takahashi Y, Nakayama T, Sakai N, Fukui M, Kita H, Mio T, Mishima M, Hirai T.  
COPD. 2019 Feb 21:1-7. doi: 10.1080/15412555.2019.1573888. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30788987>

## COMORBID CONDITIONS

**COPD patients hospitalized with exacerbations have greater cognitive impairment than patients hospitalized with decompensated heart failure.**

Bajaj MK, Burrage DR, Tappouni A, Dodd JW, Jones PW, Baker EH.  
Clin Interv Aging. 2018 Dec 18;14:1-8. doi: 10.2147/CIA.S185981. eCollection 2019.  
<https://www.ncbi.nlm.nih.gov/pubmed/30587948>

**COPD is associated with an increased risk of peripheral artery disease and mortality.**

Terzikhan N, Lahousse L, Verhamme KMC, Franco OH, Ikram AM, Stricker BH, Brusselle GG.  
ERJ Open Res. 2018 Dec 21;4(4). pii: 00086-2018. doi: 10.1183/23120541.00086-2018.  
eCollection 2018 Oct.  
<https://www.ncbi.nlm.nih.gov/pubmed/30588480>

**Obstructive Sleep Apnea with Chronic Obstructive Pulmonary Disease among Medicare Beneficiaries.**

Starr P, Agarwal A, Singh G, Hsu E, Zhang W, Kuo YF, Boethel C, Sharma G.  
Ann Am Thorac Soc. 2019 Jan;16(1):153-156. doi: 10.1513/AnnalsATS.201712-932OC.  
<https://www.ncbi.nlm.nih.gov/pubmed/30592457>

**Poor Outcomes Among Patients With Chronic Obstructive Pulmonary Disease With Higher Risk for Undiagnosed Obstructive Sleep Apnea in the LOTT Cohort.**

Donovan LM, Feemster LC, Udris EM, Griffith MF, Spece LJ, Palen BN, He K, Parthasarathy S, Strohl KP, Kapur VK, Au DH.  
J Clin Sleep Med. 2019 Jan 3. pii: jc-18-00147. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30621828>

**Cardiovascular Comorbidities in Chronic Obstructive Pulmonary Disease (COPD)-Current Considerations for Clinical Practice.**

Trinkmann F, Saur J, Borggreffe M, Akin I.  
J Clin Med. 2019 Jan 10;8(1). pii: E69. doi: 10.3390/jcm8010069.  
<https://www.ncbi.nlm.nih.gov/pubmed/30634565>

**Is COPD associated with alterations in hearing? A systematic review and meta-analysis.**

Bayat A, Saki N, Nikakhlagh S, Mirmomeni G, Raji H, Soleimani H, Rahim F.  
Int J Chron Obstruct Pulmon Dis. 2018 Dec 28;14:149-162. doi: 10.2147/COPD.S182730.  
eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30643401>

**Heart failure and chronic obstructive pulmonary disease: a review.**

Horodinschi RN, Bratu OG, Dediu GN, Pantea Stoian A, Motofei I, Diaconu CC.  
Acta Cardiol. 2019 Jan 16:1-8. doi: 10.1080/00015385.2018.1559485. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30650022>

**GOLD stage predicts thoracic aortic calcifications in patients with COPD.**

Jobst BJ, Owsijewitsch M, Kauczor HU, Biederer J, Ley S, Becker N, Kopp-Schneider A,  
Delorme S, Heussel CP, Puderbach M, Wielpütz MO, Ley-Zaporozhan J.  
Exp Ther Med. 2019 Jan;17(1):967-973. doi: 10.3892/etm.2018.7039. Epub 2018 Nov 30.

**High Prevalence of Diabetes Mellitus in a Cohort of Patients with Chronic Obstructive Pulmonary Disease in Trinidad, West Indies.**

Rambaran K, Bhagan B, Ali A, Ali F, Toolsie S, Lobin R, Beharry S, Ghany S, Mohammed S,  
Davis G, Sakhamuri S, Teelucksingh S, Seemungal T.

Turk Thorac J. 2019 Jan 1;20(1):12-17. doi: 10.5152/TurkThoracJ.2018.18036.

<https://www.ncbi.nlm.nih.gov/pubmed/30664421>

**The burden and impact of arrhythmia in chronic obstructive pulmonary disease: Insights from the National Inpatient Sample.**

Desai R, Patel U, Singh S, Bhuva R, Fong HK, Nunna P, Zalavadia D, Dave H, Savani S, Doshi R.  
Int J Cardiol. 2019 Jan 25. pii: S0167-5273(18)35516-5. doi: 10.1016/j.ijcard.2019.01.074.  
[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30711267>

**Chronic Obstructive Pulmonary Disease and Risk of Dementia and Mortality in Lower to Middle Income Countries.**

Cherbuin N, Walsh EI, Prina AM.

J Alzheimers Dis. 2019 Jan 28. doi: 10.3233/JAD-180562. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30714954>

**Prevalence of Comorbid Chronic Obstructive Pulmonary Disease in Individuals Suffering from Schizophrenia and Bipolar Disorder: A Systematic Review.**

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

COPD. 2019 Feb 4:1-9. doi: 10.1080/15412555.2019.1572730. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30714418>

**Anemia and Adverse Outcomes in a Chronic Obstructive Pulmonary Disease Population with a High Burden of Comorbidities. An Analysis from SPIROMICS.**

Putcha N, Fawzy A, Paul GG, Lambert AA, Psoter KJ, Sidhaye VK, Woo J, Wells JM, Labaki WW, Doerschuk CM, Kanner RE, Han MK, Martinez C, Paulin LM, Martinez FJ, Wise RA, O'Neal WK, Barr RG, Hansel NN; SPIROMICS investigators.  
Ann Am Thorac Soc. 2018 Jun;15(6):710-717. doi: 10.1513/AnnalsATS.201708-687OC.  
<https://www.ncbi.nlm.nih.gov/pubmed/30726108>

**Arterial Vascular Pruning, Right Ventricular Size and Clinical Outcomes in COPD.**

Washko GR, Nardelli P, Ash SY, Vegas Sanchez-Ferrero G, Rahaghi FN, Come CE, Dransfield MT, Kalhan R, Han MK, Bhatt S, Wells JM, Aaron CP, Diaz AA, Ross JC, Cuttica MJ, Labaki WW, Querejeta Roca G, Shah AM, Young K, Kinney GL, Hokanson JE, Agusti A, San José Estépar R; COPDGene Investigators.  
Am J Respir Crit Care Med. 2019 Feb 13. doi: 10.1164/rccm.201811-2063OC. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30758975>

**Symptoms of anxiety and depression and use of anxiolytic-hypnotics and antidepressants in current and former smokers with and without COPD - A cross sectional analysis of the COPDGene cohort.**

Iyer AS, Holm KE, Bhatt SP, Kim V, Kinney GL, Wamboldt FS, Jacobs MR, Regan EA, Armstrong HF, Lowe KE, Martinez CH, Dransfield MT, Foreman MG, Shinozaki G, Hanania NA, Wise RA, Make BJ, Hoth KF; COPDGene Investigators.  
J Psychosom Res. 2019 Mar;118:18-26. doi: 10.1016/j.jpsychores.2019.01.002. Epub 2019 Jan 7.  
<https://www.ncbi.nlm.nih.gov/pubmed/30782350>

**EXACERBATIONS / HOSPITALISATIONS / MORTALITY**

**Post-discharge extended care contributes to the disease control of patients with COPD: a Chinese study.**

Li M, Hu R, Liu X, Tao S, Rong B.  
Int J Chron Obstruct Pulmon Dis. 2018 Dec 14;13:4005-4013. doi: 10.2147/COPD.S177038. eCollection 2018.  
<https://www.ncbi.nlm.nih.gov/pubmed/30587956>

**Aspirin Use and Respiratory Morbidity in COPD: a Propensity Score Matched Analysis in SPIROMICS.**

Fawzy A, Putcha N, Aaron CP, Bowler RP, Comellas AP, Cooper CB, Dransfield MT, Han MK, Hoffman EA, Kanner RE, Krishnan JA, Labaki WW, Paine R 3rd, Paulin LM, Peters SP, Wise R, Barr RG, Hansel NN; SPIROMICS Investigators.  
Chest. 2018 Dec 26. pii: S0012-3692(18)32887-3. doi: 10.1016/j.chest.2018.11.028. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30593776>

**Clinical variables predicting the risk of a hospital stay for longer than 7 days in patients with severe acute exacerbations of chronic obstructive pulmonary disease: a prospective study.**

Crisafulli E, Ielpo A, Barbeta E, Ceccato A, Huerta A, Gabarrús A, Soler N, Chetta A, Torres A. *Respir Res.* 2018 Dec 27;19(1):261. doi: 10.1186/s12931-018-0951-4.

<https://www.ncbi.nlm.nih.gov/pubmed/30591055>

**External Validation of a COPD Risk Measure in a Commercial and Medicare Population: The COPD Treatment Ratio.**

Stanford RH, Lau MS, Li Y, Stemkowski S.

*J Manag Care Spec Pharm.* 2019 Jan;25(1):58-69. doi: 10.18553/jmcp.2019.25.1.058.

<https://www.ncbi.nlm.nih.gov/pubmed/30589629>

**Effort Oxygen Saturation and Effort Heart Rate to Detect Exacerbations of Chronic Obstructive Pulmonary Disease or Congestive Heart Failure.**

Gálvez-Barrón C, Villar-Álvarez F, Ribas J, Formiga F, Chivite D, Boixeda R, Iborra C, Rodríguez-Molinero A.

*J Clin Med.* 2019 Jan 4;8(1). pii: E42. doi: 10.3390/jcm8010042.

<https://www.ncbi.nlm.nih.gov/pubmed/30621152>

**Vitamin D to prevent exacerbations of COPD: systematic review and meta-analysis of individual participant data from randomised controlled trials.**

Jolliffe DA, Greenberg L, Hooper RL, Mathysen C, Rafiq R, de Jongh RT, Camargo CA, Griffiths CJ, Janssens W, Martineau AR.

*Thorax.* 2019 Jan 10. pii: thoraxjnl-2018-212092. doi: 10.1136/thoraxjnl-2018-212092. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30630893>

**Association of Medication Intensity and Stages of Airflow Limitation With the Risk of Hospitalization or Death in Patients With Heart Failure and Chronic Obstructive Pulmonary Disease.**

Lawson CA, Mamas MA, Jones PW, Teece L, McCann G, Khunti K, Kadam UT.

*JAMA Netw Open.* 2018 Dec 7;1(8):e185489. doi: 10.1001/jamanetworkopen.2018.5489.

<https://www.ncbi.nlm.nih.gov/pubmed/30646293>

**Raw Bioelectrical Impedance Analysis Variables are Independent predictors of Early All-Cause Mortality in Patients With COPD.**

de Blasio F, Scalfi L, Di Gregorio A, Alicante P, Bianco A, Tantucci C, Bellofiore B, de Blasio F. *Chest.* 2019 Jan 16. pii: S0012-3692(19)30008-X. doi: 10.1016/j.chest.2019.01.001. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30659818>

**Chronic obstructive pulmonary disease assessment test: usefulness for monitoring recovery and predicting poor course of disease after exacerbations.**

Pulido Herrero E, García Gutiérrez S, Antón Ladislao A, Piñera Salmerón P, Martín Corral MJ, Gorordo Unzueta MI, Lopetegui Eraso P, García Lamberechts EJ, Quintana López JM. *Emergencias*. 2019 Ene;31(1):21-26.

<https://www.ncbi.nlm.nih.gov/pubmed/30656869>

**Prognostic Accuracy of Three COPD Classification Systems in Relation to Long-Term Mortality of COPD Patients: A Prospective Multicenter Study.**

Plutinsky M, Brat K, Svoboda M, Zatloukal J, Popelkova P, Koblizek V.

*Lung*. 2019 Jan 29. doi: 10.1007/s00408-019-00196-6. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30694380>

**Changing causes of death for patients with chronic respiratory disease in England, 2005-2015.**

Gayle AV, Axson EL, Bloom CI, Navaratnam V, Quint JK.

*Thorax*. 2019 Jan 29. pii: thoraxjnl-2018-212514. doi: 10.1136/thoraxjnl-2018-212514. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30696745>

**Reducing Chronic Obstructive Pulmonary Disease Hospital Readmissions. An Official American Thoracic Society Workshop Report.**

Press VG, Au DH, Bourbeau J, Dransfield MT, Gershon AS, Krishnan JA, Mularski RA, Sciruba FC, Sullivan J, Feemster LC.

*Ann Am Thorac Soc*. 2019 Feb;16(2):161-170. doi: 10.1513/AnnalsATS.201811-755WS.

<https://www.ncbi.nlm.nih.gov/pubmed/30707066>

**Acute exacerbations of chronic obstructive pulmonary disease experiences among chronic obstructive pulmonary disease patients with comorbid gastroesophageal reflux disease.**

Lin YH, Tsai CL, Tsao LI, Jeng C.

*J Clin Nurs*. 2019 Jan 30. doi: 10.1111/jocn.14814. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30698890>

**The European COPD audit : Adherence to guidelines, readmission risk and hospital care for acute exacerbations in Austria.**

Breyer-Kohansal R, Hartl S, Breyer MK, Schrott A, Studnicka M, Neunhäuserer D, Fülöp G, Burghuber OC.

*Wien Klin Wochenschr*. 2019 Jan 28. doi: 10.1007/s00508-019-1441-5. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30689047>

**Predictive factors for exacerbation and re-exacerbation in chronic obstructive pulmonary disease: an extension of the Cox model to analyze data from the Swiss COPD cohort.**

Urwyler P, Abu Hussein N, Bridevaux PO, Chhajed PN, Geiser T, Grendelmeier P, Joos Zellweger L, Kohler M, Maier S, Miedinger D, Tamm M, Thurnheer R, Dieterle T, Leuppi JD.

*Multidiscip Respir Med*. 2019 Feb 5;14:7. doi: 10.1186/s40248-019-0168-5. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30774953>

**People with chronic obstructive pulmonary disease exacerbations prefer early discharge, then treatment at home.**

Cook R, Thomas V, Martin R; NIHR Dissemination Centre.  
BMJ. 2019 Feb 19;364:k5339. doi: 10.1136/bmj.k5339.  
<https://www.ncbi.nlm.nih.gov/pubmed/30782586>

**Cognitive function during exacerbations of Chronic Obstructive Pulmonary Disease.**

Poot B, Travers J, Weatherall M, McGinty M.  
Intern Med J. 2019 Feb 18. doi: 10.1111/imj.14259. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30779280>

**PERSPECTIVES / STATEMENTS / EDITORIALS**

**Does Associated Chronic Obstructive Pulmonary Disease Increase Morbidity and Mortality in Obstructive Sleep Apnea?**

McNicholas WT.  
Ann Am Thorac Soc. 2019 Jan;16(1):50-53. doi: 10.1513/AnnalsATS.201809-628ED.  
<https://www.ncbi.nlm.nih.gov/pubmed/30592452>

**Healing Pulmonary Rehabilitation in the United States: A Call to Action for ATS Members.**

Garvey C, Novitch RS, Casaburi R.  
Am J Respir Crit Care Med. 2019 Jan 22. doi: 10.1164/rccm.201809-1711ED. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30667274>

**The ABCD of COPD... For Patients.**

Cysneiros A, Antunes C, Santos FP, Froes F.  
Acta Med Port. 2018 Dec 28;31(12):703-705. doi: 10.20344/amp.11010. Epub 2018 Dec 28.  
<https://www.ncbi.nlm.nih.gov/pubmed/30684366>

**The Trifecta of Benefits in Depression Care for Patients With Advanced Chronic Obstructive Pulmonary Disease.**

Kennedy GJ.  
Am J Geriatr Psychiatry. 2018 Dec 21. pii: S1064-7481(18)30613-4. doi: 10.1016/j.jagp.2018.12.022. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30709615>

**The patients have spoken; now it is time for us to listen and move the needle forward.**

Lindell KO.  
Respirology. 2019 Jan 25. doi: 10.1111/resp.13476. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30681224>



**Introduction to Precision Medicine in COPD.**

Leung JM, Obeidat M, Sadatsafavi M, Sin DD.

Eur Respir J. 2019 Jan 24. pii: 1802460. doi: 10.1183/13993003.02460-2018. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30679189>

**Unmet Needs in Severe Asthma Subtyping and Precision Medicine Trials: Bridging Clinical and Patient Perspectives.**

Siddiqui S, Denlinger LC, Fowler SJ, Akuthota P, Shaw DE, Heaney LG, Brown L, Castro M, Winders TA, Kraft M, Wagers S, Peters MC, Pavord ID, Walker S, Jarjour NN.

Am J Respir Crit Care Med. 2019 Feb 6. doi: 10.1164/rccm.201809-1817PP. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30726120>

**Advancing the Care of Severe Asthma: Differential Diagnosis, Multidisciplinary Management, and Patient Engagement.**

Corren J, Yawn BP.

Am J Med. 2019 Feb 19. pii: S0002-9343(19)30146-9. doi: 10.1016/j.amjmed.2019.02.002. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30794771>

**OTHER**

**Automated oxygen control with O2matic® during admission with exacerbation of COPD.**

Hansen EF, Hove JD, Bech CS, Jensen JS, Kallemose T, Vestbo J.

Int J Chron Obstruct Pulmon Dis. 2018 Dec 14;13:3997-4003. doi: 10.2147/COPD.S183762. eCollection 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/30587955>

**Correlation analysis between depression and family fitness in chronic obstructive pulmonary disease inpatients: A cross-sectional study.**

Deng X, Song J.

Medicine (Baltimore). 2018 Dec;97(52):e13946. doi: 10.1097/MD.00000000000013946.

<https://www.ncbi.nlm.nih.gov/pubmed/30593215>

**What Constitutes Good Health Care for Patients with Breathlessness? Perspectives of Patients, Caregivers, and Health Care Professionals.**

Schunk M, Schulze F, Bausewein C.

J Palliat Med. 2018 Dec 27. doi: 10.1089/jpm.2018.0319. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30589622>

**Burden of obstructive lung disease study in Iran: First report of the prevalence and risk factors of copd in five provinces.**

Sharifi H, Ghanei M, Jamaati H, Masjedi MR, Aarabi M, Sharifpour A, Radmand G, Buist AS. Lung India. 2019 Jan-Feb;36(1):14-19. doi: 10.4103/lungindia.lungindia\_129\_18. <https://www.ncbi.nlm.nih.gov/pubmed/30604700>

**10 Years After EPISCAN: A New Study on the Prevalence of COPD in Spain -A Summary of the EPISCAN II Protocol.**

Alfageme I, de Lucas P, Ancochea J, Miravittles M, Soler-Cataluña JJ, García-Río F, Casanova C, Rodríguez González-Moro JM, Cosío BG, Sánchez G, Soriano JB. Arch Bronconeumol. 2019 Jan;55(1):38-47. doi: 10.1016/j.arbres.2018.05.011. Epub 2018 Jul 7. <https://www.ncbi.nlm.nih.gov/pubmed/30612602>

**Association between asthma-COPD overlap syndrome and healthcare utilizations among US adult population.**

Kim M, Tillis W, Patel P, Davis RM, Asche CV. Curr Med Res Opin. 2019 Jan 5:1. doi: 10.1080/03007995.2019.1565531. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30612470>

**Association between contextual and clinical factors and disability in people with chronic obstructive pulmonary disease.**

Athayde FTS, Mancuzo EV, Ferreira LCV, Vinhas LB, Corrêa RA. Physiother Theory Pract. 2019 Jan 10:1-8. doi: 10.1080/09593985.2018.1563930. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30628491>

**Inspiratory muscle strength, diaphragmatic mobility, and body composition in chronic obstructive pulmonary disease.**

Souza RMP, Cardim AB, Maia TO, Rocha LG, Bezerra SD, Marinho PÉM. Physiother Res Int. 2019 Jan 9:e1766. doi: 10.1002/pri.1766. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30628141>

**Clinical impact of body composition phenotypes in patients with COPD: a retrospective analysis.**

Machado FVC, Schneider LP, Fonseca J, Belo LF, Bonomo C, Morita AA, Furlanetto KC, Felcar JM, Rodrigues A, Franssen FME, Spruit MA, Pitta F, Hernandez NA. Eur J Clin Nutr. 2019 Jan 14. doi: 10.1038/s41430-019-0390-4. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/30643222>

**Increased pain sensitivity, postural abnormalities, and functional balance impairment in obstructive lung disease compared to healthy subjects.**

Vardar-Yagli N, Saglam M, Calik-Kutukcu E, Inal-Ince D, Arikan H, Coplu L. Heart Lung. 2019 Jan 14. pii: S0147-9563(18)30311-X. doi: 10.1016/j.hrtlng.2018.12.009. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30655003>

**Contribution of chronic diseases to educational disparity in disability in France: results from the cross-sectional "disability-health" survey.**

Palazzo C, Yokota RTC, Tafforeau J, Ravaud JF, Cambois E, Poiraudreau S, Van Oyen H, Nusselder WJ.

Arch Public Health. 2019 Jan 11;77:2. doi: 10.1186/s13690-018-0326-9. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30651987>

**Which physicians are taking care of people with COPD?**

Cho EE, Mecredy GC, Wong HH, Stanbrook MB, Gershon AS.

Chest. 2019 Jan 18. pii: S0012-3692(19)30025-X. doi: 10.1016/j.chest.2018.12.018. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30664858>

**Nutritional status, dietary intake, and health-related quality of life in outpatients with COPD.**

Nguyen HT, Collins PF, Pavey TG, Nguyen NV, Pham TD, Gallegos DL.

Int J Chron Obstruct Pulmon Dis. 2019 Jan 14;14:215-226. doi: 10.2147/COPD.S181322. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30666102>

**Healthcare utilization, medical costs and mortality associated with malnutrition in patients with chronic obstructive pulmonary disease: a matched cohort study.**

Jerng JS, Tang CH, Cheng RW, Wang MY, Hung KY.

Curr Med Res Opin. 2019 Jan 24;1. doi: 10.1080/03007995.2019.1574460. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30676096>

**Cross-sectional research conducted in the Netherlands to identify relationships among the actual level of patient-centred care, the care gap (ideal vs actual care delivery) and satisfaction with care.**

Mirzad F, Cramm JM, Nieboer AP.

BMJ Open. 2019 Jan 21;9(1):e025147. doi: 10.1136/bmjopen-2018-025147.

<https://www.ncbi.nlm.nih.gov/pubmed/30670523>

**Why patients decline participation in an intervention to reduce re-hospitalization through patient activation: whom are we missing?**

Flink M, Brandberg C, Ekstedt M.

Trials. 2019 Jan 25;20(1):82. doi: 10.1186/s13063-019-3187-9.

<https://www.ncbi.nlm.nih.gov/pubmed/30683140>

**ACO: Time to move from the description of different phenotypes to the treatable traits.**

Toledo-Pons N, van Boven JFM, Román-Rodríguez M, Pérez N, Valera Felices JL, Soriano JB, Cosío BG.

PLoS One. 2019 Jan 24;14(1):e0210915. doi: 10.1371/journal.pone.0210915. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30677059>

**Oral nutrition supplements and between-meal snacks for nutrition therapy in patients with COPD identified as at nutritional risk: a randomised feasibility trial.**

Ingadottir AR, Beck AM, Baldwin C, Weekes CE, Geirsdottir OG, Ramel A, Gislason T, Gunnarsdottir I.

BMJ Open Respir Res. 2019 Jan 3;6(1):e000349. doi: 10.1136/bmjresp-2018-000349. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30687503>

**Is positive airway pressure therapy underutilized in chronic obstructive pulmonary disease patients?**

Kulkarni H, Parthasarathy S.

Expert Rev Respir Med. 2019 Feb 1. doi: 10.1080/17476348.2019.1577732. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30704303>

**Overdiagnosis of COPD in subjects with unobstructed spirometry - a BOLD analysis.**

Sator L, Horner A, Studnicka M, Lamprecht B, Kaiser B, McBurnie MA, Buist AS, Gnatiuc L, Mannino DM, Janson C, Bateman ED, Burney P; BOLD Collaborative Research Group.

Chest. 2019 Jan 31. pii: S0012-3692(19)30066-2. doi: 10.1016/j.chest.2019.01.015. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30711480>

**Effects of Mediterranean Diet and Physical Activity on Pulmonary Function: A Cross-Sectional Analysis in the ILERVAS Project.**

Gutiérrez-Carrasquilla L, Sánchez E, Hernández M, Polanco D, Salas-Salvadó J, Betriu À, Gaeta AM, Carmona P, Purroy F, Pamplona R, Farràs C, López-Cano C, Fernández E, Lecube A.

Nutrients. 2019 Feb 3;11(2). pii: E329. doi: 10.3390/nu11020329.

<https://www.ncbi.nlm.nih.gov/pubmed/30717453>

**Saturated Fat Intake Is Associated with Lung Function in Individuals with Airflow Obstruction: Results from NHANES 2007-2012.**

Cornell K, Alam M, Lyden E, Wood L, LeVan TD, Nordgren TM, Bailey K, Hanson C.

Nutrients. 2019 Feb 1;11(2). pii: E317. doi: 10.3390/nu11020317.

<https://www.ncbi.nlm.nih.gov/pubmed/30717299>

**The Role of Manual Therapy in Patients with COPD.**

Clarke S, Munro PE, Lee AL.

Healthcare (Basel). 2019 Feb 1;7(1). pii: E21. doi: 10.3390/healthcare7010021.

<https://www.ncbi.nlm.nih.gov/pubmed/30717269>

**ICU Utilization for Patients With Acute Exacerbation of Chronic Obstructive Pulmonary Disease Receiving Noninvasive Ventilation.**

Myers LC, Faridi MK, Currier P, Camargo CA Jr.

Crit Care Med. 2019 Feb 1. doi: 10.1097/CCM.0000000000003660. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30720540>

**Beyond inspiratory muscle strength: Clinical utility of single-breath work capacity assessment in veterans with COPD.**

Formiga MF, Vital I, Urdaneta G, Campos MA, Cahalin LP.

Respir Med. 2019 Feb;147:13-18. doi: 10.1016/j.rmed.2018.12.012. Epub 2019 Jan 3.

<https://www.ncbi.nlm.nih.gov/pubmed/30704693>

**Assessing the clinical practice in specialized outpatient clinics for chronic obstructive pulmonary disease: Analysis of the EPOCONSUL clinical audit.**

Calle Rubio M, Soler-Cataluña JJ, López-Campos JL, Alcázar Navarrete B, Rodríguez González-Moro JM, Soriano JB, Fuentes Ferrer ME, Rodríguez Hermosa JL.

PLoS One. 2019 Feb 6;14(2):e0211732. doi: 10.1371/journal.pone.0211732. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30726278>

**European Respiratory Society International Congress 2018: Allied Respiratory Professionals' report of highlighted sessions.**

Rutter M, Camillo CA, Coss P, Sajnic A, McGowan A, Langer D, De Brandt J, Osadnik C.

ERJ Open Res. 2019 Feb 1;5(1). pii: 00182-2018. doi: 10.1183/23120541.00182-2018.

eCollection 2019 Feb.

<https://www.ncbi.nlm.nih.gov/pubmed/30723728>

**Prospective observational study in patients with obstructive lung disease: NOVELTY design.**

Reddel HK, Gerhardsson de Verdier M, Agustí A, Anderson G, Beasley R, Bel EH, Janson C, Make B, Martin RJ, Pavord I, Price D, Keen C, Gardev A, Rennard S, Sveréus A, Bansal AT, Brannman L, Karlsson N, Nuevo J, Nyberg F, Young SS, Vestbo J.

ERJ Open Res. 2019 Feb 1;5(1). pii: 00036-2018. doi: 10.1183/23120541.00036-2018.

eCollection 2019 Feb.

<https://www.ncbi.nlm.nih.gov/pubmed/30723727>

**Effectiveness of manual therapy in COPD: A systematic review of randomised controlled trials.**

Simonelli C, Vitacca M, Vignoni M, Ambrosino N, Paneroni M.

Pulmonology. 2019 Feb 6. pii: S2531-0437(19)30007-8. doi: 10.1016/j.pulmoe.2018.12.008.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30738792>

**Investigation of the effect of kinesiotaping on the respiratory function and depression in male patients with chronic obstructive pulmonary disease: a prospective, randomized, controlled, and single-blind study.**

Metin Ökmen B, Şengören Dikiş Ö, Ökmen K, Altan L, Yildiz T.

Aging Male. 2019 Feb 10:1-7. doi: 10.1080/13685538.2019.1567703. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30739540>

**Coping Versus Mastery Modeling Intervention to Enhance Self-efficacy for Exercise in Patients with COPD.**

Selzler AM, Rodgers WM, Berry TR, Stickland MK.

Behav Med. 2019 Feb 13:1-12. doi: 10.1080/08964289.2018.1561411. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30758267>

**Occupational exposure and airflow obstruction and self-reported COPD among ever-employed US adults using a COPD-job exposure matrix.**

Doney B, Kurth L, Halldin C, Hale J, Frenk SM.

Am J Ind Med. 2019 Feb 18. doi: 10.1002/ajim.22958. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30775792>

**Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGene® Cohort.**

Criner RN, Labaki WW, Regan EA, Bon JM, Soler X, Bhatt SP, Murray S, Hokanson JE, Silverman EK, Crapo JD, Curtis JL, Martinez FJ, Make BJ, Han MK, Martinez CH; COPDGene® Investigators.

Chronic Obstr Pulm Dis. 2019 Jan 10;6(1):64-73. doi: 10.15326/jcopdf.6.1.2018.0130.

<https://www.ncbi.nlm.nih.gov/pubmed/30775425>

**Patients' perspectives on COPD: findings from a social media listening study.**

Cook NS, Kostikas K, Gruenberger JB, Shah B, Pathak P, Kaur VP, Mudumby A, Sharma R, Gutzwiller FS.

ERJ Open Res. 2019 Feb 11;5(1). pii: 00128-2018. doi: 10.1183/23120541.00128-2018.

eCollection 2019 Feb.

<https://www.ncbi.nlm.nih.gov/pubmed/30775374>

**European Respiratory Society International Congress, Paris, 2018: highlights from the Clinical Assembly.**

Vanfleteren LEGW, Ojanguren I, Nolan CM, Franssen FME, Andrianopoulos V, Grgic A, van Dijk M, Slebos DJ, Daines L, Kocks JWH, Kahn N.

ERJ Open Res. 2019 Feb 11;5(1). pii: 00176-2018. doi: 10.1183/23120541.00176-2018.

eCollection 2019 Feb.

<https://www.ncbi.nlm.nih.gov/pubmed/30775373>

**Relationships Between Social/Emotional Support and Quality of Life, Depression and Disability in Patients With Chronic Obstructive Pulmonary Disease: An Analysis Based on Propensity Score Matching.**

Arabyat RM, Raisch DW.

Ann Behav Med. 2019 Feb 19. pii: kaz002. doi: 10.1093/abm/kaz002. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/30773583>

**Interdisciplinary COPD intervention in primary care: a cluster randomised controlled trial.**

Liang J, Abramson MJ, Russell G, Holland AE, Zwar NA, Bonevski B, Mahal A, Eustace P, Paul E, Phillips K, Cox NS, Wilson S, George J.

Eur Respir J. 2019 Feb 20. pii: 1801530. doi: 10.1183/13993003.01530-2018. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30792342>

**Assessment of Self-Management Treatment Needs Among COPD Helpline Callers.**

Mathew AR, Guzman M, Bridges C, Yount S, Kalhan R, Hitsman B.

COPD. 2019 Feb 21:1-7. doi: 10.1080/15412555.2019.1575350. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30789041>

**How health literacy and patient activation play their own unique role in self-management of chronic obstructive pulmonary disease (COPD)?**

Yadav UN, Hosseinzadeh H, Lloyd J, Harris MF.

Chron Respir Dis. 2019 Jan-Dec;16:1479973118816418. doi: 10.1177/1479973118816418.

<https://www.ncbi.nlm.nih.gov/pubmed/30789021>

**Early management of COPD: where are we now and where do we go from here? A Delphi consensus project.**

Di Marco F, Balbo P, de Blasio F, Cardaci V, Crimi N, Girbino G, Pelaia G, Pirina P, Roversi P, Santus P, Scichilone N, Vatrella A, Pasqualetti P, Carone M.

Int J Chron Obstruct Pulmon Dis. 2019 Feb 4;14:353-360. doi: 10.2147/COPD.S176662. eCollection 2019.

<https://www.ncbi.nlm.nih.gov/pubmed/30787604>

**Dose-response associations of cardiorespiratory fitness with all-cause mortality and incidence and mortality of cancer and cardiovascular and respiratory diseases: the UK Biobank cohort study.**

Steell L, Ho FK, Sillars A, Petermann-Rocha F, Li H, Lyall DM, Iliodromiti S, Welsh P, Anderson J, MacKay DF, Pell JP, Sattar N, Gill JM, Gray SR, Celis-Morales CA.

Br J Sports Med. 2019 Feb 22. pii: bjsports-2018-099093. doi: 10.1136/bjsports-2018-099093. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30796106>

**Diagnosis and Outpatient Management of Chronic Obstructive Pulmonary Disease: A Review.**

Riley CM, Sciruba FC.

JAMA. 2019 Feb 26;321(8):786-797. doi: 10.1001/jama.2019.0131.

<https://www.ncbi.nlm.nih.gov/pubmed/30806700>

**Characteristics at the time of oxygen initiation associated with its adherence: Findings from the COPD Long-term Oxygen Treatment Trial.**

Moy ML, Harrington KF, Sternberg AL, Krishnan JA, Albert RK, Au DH, Casaburi R, Criner GJ, Diaz P, Kanner RE, Panos RJ, Stibolt T, Stoller JK, Tonascia J, Yussen RD, Tan AM, Fuhlbrigge AL; LOTT Research Group.

Respir Med. 2019 Feb 13. pii: S0954-6111(19)30040-X. doi: 10.1016/j.rmed.2019.02.004.

[Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/30803886>