

Respiratory Care Bulletin

June 2026

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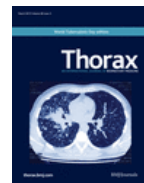


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Asthma >>>[Back to Contents](#)

Digital technologies to support self-management of asthma: early-use assessment

HealthTech guidance, see [here](#).

Source: National Institute for Health and Care Excellence

Effectiveness of rehabilitation interventions in adults with moderate-to-severe asthma: an extended systematic review

Cuscito Rossana; Cricenti, Laura; Ruotolo, Ilaria, et al. (2026) *Expert Rev.Respir.Med.*20.(6)pp. 727–747

Access or request full text: <https://libkey.io/10.1080/17476348.2026.2614812>

Use of inhaled/nebulised ipratropium bromide in addition to standard first-line treatment with inhaled/nebulised short-acting beta 2-agonist and systemic steroid in the management of acute asthma exacerbations: a systematic review and meta-analysis of randomised controlled trials.

Hamud A.A.; Mudawi K.; Powell C., et al. (2026) *Arch.Dis.Child.*111.(3)pp. 211–218

Access or request full text: <https://libkey.io/10.1136/archdischild-2024-327898>

Adverse outcomes in young adults with severe asthma: results from the UK Severe Asthma Registry.

Holmes Leanne-Jo; Redmond, Charlene; Heaney, Liam, et al. (2026) *Erj Open Research.*12.(3)

Access or request full text: <https://libkey.io/10.1183/23120541.00527-2025>

Is it time to focus on expiratory muscle training in children with asthma? A randomized controlled trial.

Kaya Meltem; Ucgun, Hikmet; Gemici Karaaslan, Betul, et al. (2026) *Eur.J.Pediatr.*185.(7)

Access or request full text: <https://libkey.io/10.1007/s00431-026-07114-y>

The Role of Vitamin D in Severity and Control of Asthma in Children and Adolescents: A Systematic Review and Meta-Analysis

Ladeira Joelia M.; Zacas, Olivia; Ferreira, Amanda Miranda, et al. (2026) *Pediatr.Pulmonol.*61.(3)pp. e71541

Access or request full text: <https://libkey.io/10.1002/ppul.71541>

The efficacy of vitamin D supplementation in the management of childhood asthma: a systematic review and meta-analysis.

Li Runze; Liu, Kaiyi; Chen, Ning, et al. (2026) *Front.nutr.*13.pp. 1842895

Access or request full text: <https://libkey.io/10.3389/fnut.2026.1842895>

The minimal clinically important difference of patient-reported outcome measures in adults with asthma: a systematic review

Lin Luoqi; Zhu, Fanggang; Xiao, Jingmin, et al. (2026) *Respir.Med.*254.pp. 108747

Access or request full text: <https://libkey.io/10.1016/j.rmed.2026.108747>



Association of asthma and COPD with pertussis risk: A systematic review and meta-analysis

Liu Xinyuan; Yu, Xiaoli; Yang, Qingming, et al. (2026) *Respir.Med.*108968.

Access or request full text: <https://libkey.io/10.1016/j.rmed.2026.108968>

Efficacy and safety of vitamin D in the treatment of asthma: an overview of systematic reviews and meta-analyses.

Liu Yongxiu; Lu, Jiaheng; Li, Donghao, et al. (2026) *Front.Med.(Lausanne)*.13.pp. 1783005

Access or request full text: <https://libkey.io/10.3389/fmed.2026.1783005>

Effect of depemokimab on asthma control and clinical outcomes: a systematic review and meta-analysis of randomized controlled trials

Nakahara Shun; Hallack Moura, Maria Julia; Cengiz, Sumeyye K., et al. (2026) *Expert Review of Respiratory Medicine*.1-7.

Access or request full text: <https://libkey.io/10.1080/17476348.2026.2688299>

Artificial intelligence-based models in predicting acute exacerbations and diagnosing pediatric asthma: a systematic review and meta-analysis.

Shi Qingxia; Zhu, Lu; Wang, Wenwen, et al. (2026) *BMC Medical Informatics & Decision Making*.

Access or request full text: <https://libkey.io/10.1186/s12911-026-03599-7>

SHR-1703, a novel long-acting anti-interleukin-5 monoclonal antibody, in asthma patients: A randomized, double-blind, placebo-controlled phase 1 study

Yang Ling; He, Lixiu; Zhang, Yajun, et al. (2026) *Br.J.Clin.Pharmacol.*92.(6)pp. 1673–1684

Access or request full text: <https://libkey.io/10.1002/bcp.70439>

Efficacy and safety of allergen-specific immunotherapy for allergic asthma: a meta-analysis comparing sublingual and subcutaneous routes across allergen types and age groups.

Yin Weimou; Zeng, Weitong; Li, Yutong, et al. (2026) *Ann.Med.*58.(1)pp. 2635778

Access or request full text: <https://libkey.io/10.1080/07853890.2026.2635778>

Bronchiectasis >>>[Back to Contents](#)

Inhaled tobramycin for chronic pseudomonas aeruginosa infection in non-cystic fibrosis bronchiectasis: an updated systematic review and meta-analysis.

Lu Wei; Li, Qiujie; Zheng, Shaochu, et al. (2026) *BMC Pulmonary Medicine*.26.(1)

Access or request full text: <https://libkey.io/10.1186/s12890-026-04257-4>

Hypertonic saline in non-cystic fibrosis bronchiectasis (Hyper-BRONCHI): an updated systematic review and meta-analysis.

Nguyen Nhan; Zawam, Yacin; Tran, Nghi Bao, et al. (2026) *BMC Pulmonary Medicine*.26.(1)

Access or request full text: <https://libkey.io/10.1186/s12890-026-04176-4>

Prevalence of nontuberculous mycobacteria in bronchiectasis: A systematic review and meta-analysis

Rostamian Mosayeb; Bavari, Shirin; Jomehzadeh, Nabi, et al. (2026) *New microbes new infect.*72.pp. 101781



Access or request full text: <https://libkey.io/10.1016/j.nmni.2026.101781>

Bronchiectasis in children: a systematic review of cytokine profile, immune cell phenotypes and microbiota in bronchoalveolar lavage fluid

Thomsen Christian M. K.; Kromann-Thomsen, Simon; Thim, Signe, et al. (2026) *Eur. J. Respir. Crit. Care Med.* 35.(179)

Access or request full text: <https://libkey.io/10.1183/16000617.0071-2025>

Efficacy of Antiinflammatory Therapies for Adults With Non-Cystic Fibrosis Bronchiectasis: A Systematic Review and Network Meta-Analysis.

Yamamoto Shota; Niitsu, Takayuki; Fukushima, Kiyoharu, et al. (2026) *Chest.* 169.(6)pp. 1476–1487

Access or request full text: <https://libkey.io/10.1016/j.chest.2025.12.035>

Carbon Monoxide Poisoning >>>[Back to Contents](#)

Guidance: Carbon monoxide (CO): antenatal checks algorithm for midwives

An algorithm for midwives to help diagnose carbon monoxide poisoning in pregnant women and offer advice for pregnant women in the event of exposure. See [here](#).

Source: UK Health Security Agency

Chronic Obstructive Pulmonary Disease (COPD) >>>[Back to Contents](#)

The characteristics of people with COPD who enrol in home-based pulmonary rehabilitation versus centre-based pulmonary rehabilitation: A nationwide cross-sectional study.

Adamson Alexander; Kwok, Harley; Singh, Sally J., et al. (2026) *Chron. respir. dis.* 23.pp. 14799731261431253

Access or request full text: <https://libkey.io/10.1177/14799731261431253>

Association between mental health and chronic obstructive pulmonary disease (COPD) outcomes: systematic review and meta-analysis.

Alsaab Sulaiman; Newnham, Michael; Turner, Alice M., et al. (2026) *BMJ open respiratory research.* 13.(1)

Access or request full text: <https://libkey.io/10.1136/bmjresp-2025-003977>

Effect of complementary therapies on chronic obstructive pulmonary disease patient outcomes treated with noninvasive ventilation: A systematic review

Celik Dilara U. and Gun, Meral (2026) *Intensive Crit. Care Nurs.* 93.pp. 104340

Access or request full text: <https://libkey.io/10.1016/j.iccn.2026.104340>

Predictors of Acute Exacerbations in COPD: A Systematic Review

Chamaon Dumiana; Lenferink, Anke; Bucsan, Charlotte, et al. (2026) *Int. J. Chron. Obstruct Pulmon Dis.* 21.pp. 540753

Access or request full text: <https://libkey.io/10.2147/COPD.S540753>



Home-based pulmonary rehabilitation, hospital-based pulmonary rehabilitation, and standard care in chronic obstructive pulmonary disease patients-a systematic review and network meta-analysis.

Cheng Y.; Yang H.; Zheng L., et al. (2026) *Journal of Thoracic Disease*.18.(4) (pagination)pp. Article Number: 379. Date of Publication: 30 Ar 2026

Access or request full text: <https://libkey.io/10.21037/jtd-2025-1-2650>

Diagnostic performance of FEV₁/FEV₆ in detecting airway obstruction and chronic obstructive pulmonary disease: A systematic review and meta-analysis

Du Dongru; He, Sike; Qin, Jiangyue, et al. (2026) *Chron.respir.dis*.23.pp. 14799731261431251

Access or request full text: <https://libkey.io/10.1177/14799731261431251>

Measurement properties of the sit-to-stand test in community-dwelling people with chronic obstructive pulmonary disease: a COSMIN systematic review.

Farley Christopher; Newman, Anastasia N. L.; Phillips, Stuart M., et al. (2026) *Thorax*.81.(6)pp. 581–590

Access or request full text: <https://libkey.io/10.1136/thorax-2025-223967>

Comparative effectiveness of triple versus dual inhaled therapy (ICS/LABA or LABA/LAMA) for chronic obstructive pulmonary disease: a systematic review and network meta-analysis.

Hu Weimian and Li, Qinglin (2026) *BMC Pulmonary Medicine*.

Access or request full text: <https://libkey.io/10.1186/s12890-026-04375-z>

Adherence to pulmonary rehabilitation in COPD patients: A systematic review of measurement tools

Jia Fangrong; Promnoi, Chantra; Prompahakul, Chuleeporn, et al. (2026) *Respir.Med*.253.pp. 108696

Access or request full text: <https://libkey.io/10.1016/j.rmed.2026.108696>

Community-based prediction models of cardiovascular events, acute exacerbations and all-cause mortality in individuals with chronic obstructive pulmonary disease: a systematic review and meta-analysis on behalf of the International Cardiovascular and Respiratory Alliance.

Joseph Tobin; Raveendra, Keerthenan; Haris, Mohammad, et al. (2026) *BMJ open respiratory research*.13.(1)

Access or request full text: <https://libkey.io/10.1136/bmjresp-2025-003752>

Unveiling the Healing Potential of Energy Therapies in Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis With Implications for Nursing Practice.

Karacan Yasemin; Parlak, Ayse Gul; Budak, Serkan, et al. (2026) *Holist.Nurs.Pract*.40.(4)pp. 219–233

Access or request full text: <https://libkey.io/10.1097/HNP.0000000000000755>

The effectiveness of non-invasive positive pressure ventilation combined with rehabilitation training in patients with chronic obstructive pulmonary disease: a systematic review and meta-analysis



Li Shuqin; Yang, Xun; Wu, Ying, et al. (2026) *Therap adv.respir.dis.20.pp. 17534666261424364*

Access or request full text: <https://libkey.io/10.1177/17534666261424364>

Integrated Care for COPD in the Elderly: Impact on Healthcare Utilization Across Healthcare Settings.

Lin Pei-Ching; Cheng, Yun-Yue; Chen, Cheng-Hsiung, et al. (2026) *Int.J.Chron.Obstruct Pulmon Dis.21.pp. 578345*

Access or request full text: <https://libkey.io/10.2147/COPD.S578345>

Comparative efficacy of single exercise interventions on pulmonary function and quality of life in patients with chronic obstructive pulmonary disease: a systematic review and network meta-analysis.

Lin Xiang; Fan, Xueqi; Huang, Yanling, et al. (2026) *Front.Med.(Lausanne).13.pp. 1843777*

Access or request full text: <https://libkey.io/10.3389/fmed.2026.1843777>

Telerehabilitation versus face-to-face pulmonary rehabilitation in COPD: A systematic review and meta-analysis of comparative outcomes and delivery characteristics.

Luca Bamber Jenni D.; Cook, Matthew; Cordier, Reinie, et al. (2026) *Journal of Telemedicine & Telecare.1357633X261456143.*

Access or request full text: <https://libkey.io/10.1177/1357633X261456143>

Effectiveness of Mepolizumab and Dupilumab in patients with asthma-COPD overlap (ACO) compared to severe uncontrolled asthma (SUA): A retrospective observational cohort study.

Munoz-Sanchez Belen; Leon-Lloreda, Antonio; Echavarria, David Carlos, et al. (2026) *Pulm.Pharmacol.Ther.92.pp. 102407*

Access or request full text: <https://libkey.io/10.1016/j.pupt.2025.102407>

A mobile health application for controlling symptoms of chronic obstructive pulmonary disease: a randomised controlled trial.

Ozdemir Nese; Enc, Nuray and Gemicioglu, Bilun (2026) *Geriatr.Nurs.70.pp. 104040*

Access or request full text: <https://libkey.io/10.1016/j.gerinurse.2026.104040>

Effect of post-discharge transitional care in patients with COPD: a multicenter single-blind randomised controlled trial.

Park Yukyung; Kim, Deog Kyeom; Kim, Woo Jin, et al. (2026) *BMC Pulmonary Medicine.*

Access or request full text: <https://libkey.io/10.1186/s12890-026-04407-8>

Chair-based versus standard home exercise programs in people with COPD: A randomized controlled trial.

Pehlivan E.; Ozcan Z.B.; Karaahmetoglu F.S., et al. (2026) *Heart and Lung.79.(pagination)pp. Article Number: 102844. Date of Publication: 01 Se 2026*

Access or request full text: <https://libkey.io/10.1016/j.hrtlng.2026.102844>

Comparative Effectiveness and Safety of LAMA-LABA Inhalers in Chronic Obstructive Pulmonary Disease.

Portela Gerard T.; Wang, Shirley V.; Suissa, Samy, et al. (2026) *JAMA Intern.Med.186.(4)pp.*



456–468

Access or request full text: <https://libkey.io/10.1001/jamainternmed.2025.8087>

Multidisciplinary, non-pharmacological breathlessness intervention service for patients with moderately severe to severe COPD: a randomised controlled trial.

Smith Tracy A.; Roberts, Mary M.; Lockett, Tim, et al. (2026) *Thorax*.81.(5)pp. 420–429

Access or request full text: <https://libkey.io/10.1136/thorax-2025-223457>

Cardiopulmonary Exercise Testing for Prognostic Assessment of Clinical Outcomes in COPD: A Systematic Review and Meta-Analysis

Staes Michael; Dong, Jonas; Gyselinck, Iwein, et al. (2026) *Int.J.Chron.Obstruct Pulmon Dis*.21.pp. 560342

Access or request full text: <https://libkey.io/10.2147/COPD.S560342>

Nurse-Led/Involved Home-Based Interventions for Older Adults With Chronic Obstructive Pulmonary Disease (COPD): A Mixed-Methods Systematic Review

Sturm Lucillie S.; Jeong, Sarah Yeun-Sim and Giles, Michelle (2026) *J.Clin.Nurs*.35.(5)pp. 2028–2054

Access or request full text: <https://libkey.io/10.1111/jocn.17661>

Fentanyl or Morphine for Persistent Dyspnea in COPD: a multicenter randomised cross-over trial.

van Dijk Marlies; Mooren, Kris J. M.; van Beurden-Moeskops, Wendy, et al. (2026) *European Respiratory Journal*.

Access or request full text: <https://libkey.io/10.1183/13993003.01431-2025>

Prevalence and associated factors of dysphagia in chronic obstructive pulmonary disease patients: A systematic review and meta-analysis.

Yang Y.; Yan H.; Zhao L., et al. (2026) *Heart and Lung*.79.(pagination)pp. Article Number: 102827. Date of Publication: 01 Se 2026

Access or request full text: <https://libkey.io/10.1016/j.hrtlng.2026.102827>

The Effectiveness of Respiratory Muscle Training on the Duration and Severity of Respiratory Symptoms in Patients With Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis.

Yu Zhenghao; Huang, Hui; Fang, Si, et al. (2026) *Can.Respir.J*.2026.pp. 6434649

Access or request full text: <https://libkey.io/10.1155/carj/6434649>

Efficacy and safety of mucolytic agents in patients with chronic obstructive pulmonary disease: a systematic review and network meta-analysis.

Zhao Yilin; Jing, Mi and Wang, Fei (2026) *BMC Pulmonary Medicine*.26.(1)

Access or request full text: <https://libkey.io/10.1186/s12890-026-04166-6>



Cystic fibrosis (CF) >>>[Back to Contents](#)

Tobramycin pharmacokinetic and pharmacodynamic targets in people with cystic fibrosis
Harwood Kiera H.; Bannister, Sarah; Duffull, Stephen, et al. (2026) *Br.J.Clin.Pharmacol.*

Access or request full text: <https://libkey.io/10.1002/bcp.70637>

Prioritising cardiopulmonary exercise testing for adults with cystic fibrosis: a service evaluation.

McDowell Rachel; Ogonnaya, Chibueze; Shannon, Harriet, et al. (2026) *BMC Pulmonary Medicine*.26.(1)

Access or request full text: <https://libkey.io/10.1186/s12890-026-04164-8>

Long-term impact of Elexacaftor/Tezacaftor/ivacaftor on pulmonary, nutritional and metabolic outcomes in homozygous F508del cystic fibrosis patients: A real-world cohort study

Perrotta Nicola; Fiorito, Luigi Angelo; Vescovo, Roberta, et al. (2026) *Br.J.Clin.Pharmacol*.92.(6)pp. 1822–1832

Access or request full text: <https://libkey.io/10.1002/bcp.70460>

Family caregivers of children with cystic fibrosis: supportive care needs - scoping review.
Shadi D.; Jabraeili M.; Hassankhani H., et al. (2026) *BMJ Supportive and Palliative Care*.16.(3)pp. 530–539

Access or request full text: <https://libkey.io/10.1136/spcare-2024-005015>

The effect of harmonica-based breathing and airway clearance exercises on pulmonary function in children with cystic fibrosis: A randomized controlled trial.

Tavasoli H.; Rajabi M.M. and Sadat Hoseini, A. S. (2026) *J.Pediatr.Nurs*.89.pp. 455–461

Access or request full text: <https://libkey.io/10.1016/j.pedn.2026.05.012>

MukoHelp: A self-help manual for patients with cystic fibrosis-Results from a randomized controlled trial.

von Stackelberg Carina; Moritz, Steffen; Gabbert, Tana, et al. (2026) *Acta Psychol.(Amst)*.263.pp. 106320

Access or request full text: <https://libkey.io/10.1016/j.actpsy.2026.106320>

Dysphagia >>>[Back to Contents](#)

SSRI suggestions for adults with swallowing difficulties

A range of selective serotonin reuptake inhibitor (SSRI) formulations are suitable for adults with swallowing difficulties. See [here](#).

Source: NHS Specialist Pharmacy Service

Clozapine use in adults with swallowing difficulties

Guidance on clozapine administration including crushing tablets, importance of not missing doses and practical considerations regarding switching formulations. See [here](#).

Source: NHS Specialist Pharmacy Service



Does What I Say Matter? The Influence of Verbal Instruction and Delivery Method on Bolus Size

Brady Susan; Pietrantonio, Michael; Bjerga, Sophia, et al. (2026) *Dysphagia*.41.(2)pp. 466–472

Access or request full text: <https://libkey.io/10.1007/s00455-025-10897-1>

Interstitial Lung Disease >>>[Back to Contents](#)

Low muscle mass in interstitial lung disease: a systematic review and meta-analysis of prevalence and clinical associations.

Alsuhibi Osamah; Alharbi, Abdullah; Alnefaie, Wahaj, et al. (2026) *BMC Pulmonary Medicine*.26.(1)

Access or request full text: <https://libkey.io/10.1186/s12890-026-04255-6>

The Italian Society for Rheumatology guidelines for the treatment of patients with rheumatoid arthritis and interstitial lung disease.

Crotti C.; Ughi N.; Scire C.A., et al. (2026) *Reumatismo*.78.(1) (pagination)pp. Article Number: 1865. Date of Publication: 16 Mar 2026

Access or request full text: <https://libkey.io/10.4081/reumatismo.2025.1865>

Characterising Patient Pathways Prior to the Diagnosis of Interstitial Lung Disease.

Fermoyle C.C.; Townend J.; Navaratnam V., et al. (2026) *Respirology*.31.(6)pp. 599–609

Access or request full text: <https://libkey.io/10.1002/resp.70230>

Influencing factors for rapidly progressive interstitial lung disease in patients with anti-MDA5 antibody-positive dermatomyositis: a systematic review and meta-analysis.

Li H.; Yi M.; Da G., et al. (2026) *Frontiers in Immunology*.17.(pagination)pp. Article Number: 1796496. Date of Publication: 2026

Access or request full text: <https://libkey.io/10.3389/fimmu.2026.1796496>

Prevalence of Gastroesophageal reflux disease in patients with Idiopathic pulmonary fibrosis: a systematic review and meta-analysis.

Li M.; Yang J.; Li H., et al. (2026) *BMC pulmonary medicine*.(pagination)pp. Date of Publication: 08 Jun 2026

Access or request full text: <https://libkey.io/10.1186/s12890-026-04401-0>

Patient-reported experience measure (PREM) for patients with interstitial lung disease (ILD): modification of a pre-existing measure.

Mandizha Jessica; Crook, Charlie; Lanario, Joseph, et al. (2026) *BMJ open respiratory research*.13.(1)

Access or request full text: <https://libkey.io/10.1136/bmjresp-2025-003330>

Idiopathic Pulmonary Fibrosis: An Overview

May James and Jenkins, Gisli (2026) *Br.J.Hosp.Med.(Lond)*.87.(2)pp. 50844

Access or request full text: <https://libkey.io/10.31083/BJHM50844>



Outcomes of patients with acute exacerbations of idiopathic pulmonary fibrosis treated with corticosteroids: a systematic review and meta-analysis.

Mondoni Michele; Albrici, Cristina; Puci, Mariangela Valentina, et al. (2026) *Respiratory Research*.27.(1)

Access or request full text: <https://libkey.io/10.1186/s12931-026-03648-9>

Novel HLA class I and II insights into the pathogenesis of systemic sclerosis-associated interstitial lung disease.

Rosa-Baez Carlos; Rangel-Pelaez, Carlos; Rodriguez-Martin, Inmaculada, et al. (2026) *Ann.Rheum.Dis*.

Access or request full text: <https://libkey.io/10.1016/j.ard.2026.05.004>

Prevalence of anxiety and depression in idiopathic pulmonary fibrosis: a systematic review and meta-analysis.

Xu Lili; Zang, Danyang; Yan, Ruonan, et al. (2026) *BMC Pulmonary Medicine*.

Access or request full text: <https://libkey.io/10.1186/s12890-026-04400-1>

A systematic review of artificial intelligence-based diagnosis models for idiopathic pulmonary fibrosis.

Yan R.N.; Hu H.Y.; Ma Z.R., et al. (2026) *Journal of Thoracic Disease*.18.(5) (pagination)pp. Article Number: 546. Date of Publication: 31 May 2026

Access or request full text: <https://libkey.io/10.21037/jtd-2026-1-0307>

Incidence and influencing factors of progressive pulmonary fibrosis in connective tissue disease-associated interstitial lung disease: a systematic review and meta-analysis.

Yi M.; Li M.; Zhang Z., et al. (2026) *Frontiers in Immunology*.17.(pagination)pp. Article Number: 1758437. Date of Publication: 2026

Access or request full text: <https://libkey.io/10.3389/fimmu.2026.1758437>

Lung Cancer >>>[Back to Contents](#)

Amivantamab with carboplatin and pemetrexed for untreated EGFR exon 20 insertion mutation-positive advanced non-small-cell lung cancer

Technology appraisal guidance, see [here](#).

Source: National Institute for Health and Care Excellence (NICE)

Encorafenib with binimetinib for treating BRAF V600E mutation-positive advanced non-small-cell lung cancer

Technology appraisal guidance, see [here](#).

Source: National Institute for Health and Care Excellence (NICE)

Osimertinib for treating EGFR mutation-positive unresectable locally advanced non-small-cell lung cancer after platinum-based chemoradiotherapy

Technology appraisal guidance, see [here](#).

Source: National Institute for Health and Care Excellence (NICE)



Effect of patient education in improving quality of life, fatigue and anxiety in people diagnosed with lung cancer: systematic review

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Pertussis>>>[Back to Contents](#)

National outbreak of pertussis in England (2023-2024) in the context of international resurgence.

Ismail S.A.; Campbell H.J.; D'Aeth J.C., et al. (2026) *Arch.Dis.Child*.111.(5)pp. 411–417

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Whooping cough

[Whooping cough | Health topics A to Z | CKS | NICE](#) (May 2026)

Source: NICE Clinical Knowledge Summaries (CKS)

Pneumonia >>>[Back to Contents](#)

Pneumonia: diagnosis, monitoring and management in nursing practice.

Brown Eleanor; Hill, Barry and Mitchell, Aby (2026) *Br.J.Nurs*.35.(2)pp. 87–91

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Effectiveness of oral care for the prevention of non-ventilator hospital-acquired pneumonia (HAPPEN): a multicentre, stepped-wedge, cluster-randomised trial in Australia.

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Pulmonary Hypertension >>>[Back to Contents](#)

Sotatercept for treating pulmonary arterial hypertension

Technology appraisal guidance, see [here](#).

Source: National Institute for Health and Care Excellence (NICE)



Respiratory Support and Recovery >>>[Back to Contents](#)

Outcomes of children and young people with cerebral palsy receiving long-term respiratory support: A systematic review. (2026) *Developmental Medicine & Child Neurology*.

Access or request full text: <https://libkey.io/10.1111/dmncn.70351>

Awake prone positioning reduces mortality, intubation, and hospital stay in acute hypoxemic respiratory failure: a systematic review and meta-analysis of 6,164 patients. Alsarayreh Miqdad; Moawad, Mostafa Hossam El Din; Barham, Husam, et al. (2026) *BMC Anesthesiology*.

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Sleep Disorders >>>[Back to Contents](#)

Are Physical Activity Recommendations Suitable for Patients with Obstructive Sleep Apnea? A Systematic Review with Meta-Analysis.

Aguiar J.L.P.; de Almeida J.R.V.; Farah B.Q., et al. (2026) *Sleep Science*.19.(1) (pagination)pp.



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Comparative effectiveness of Mandibular advancement devices and Continuous positive airway pressure in adults with obstructive sleep Apnea: A systematic review and meta-analysis

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Diagnostic accuracy of the neck circumference, obesity, snoring, age, and sex score in screening obstructive sleep apnea: A systematic review and meta-analysis

Mukminin Muhammad A.; Chuang, Li-Pang; Chen, Pin-Yuan, et al. (2026) *Sleep Med.Rev*.86.pp. 102254

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Efficacy of therapies based on muscle strength training among individual with obstructive sleep apnea - a systematic review and meta-analysis

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The effect of rapid maxillary expansion on children with obstructive sleep apnea: a systematic review and meta-analysis

Yu Keer; Li, Yaqi; Ngan, Peter, et al. (2026) *Sleep & Breathing*.30.(1)pp. 03 05

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Effects of inspiratory muscle training on obstructive sleep apnea: a systematic review and meta-analysis.

Zuo Chengcheng; Qin, Jie; Wang, Zhe, et al. (2026) *Ann.Am.Thorac.Soc*.23.(5)pp. 800–810

Access or request full text: <https://libkey.io/10.1093/annalsats/aa0ag041>

Smoking Cessation / Vaping >>>[Back to Contents](#)

Health effects of vape device components

Vapes are more popular than cigarettes in the UK. What do vape devices and e-liquids contain and how do they affect health? See [here](#).

Source: UK Parliament

Cost of Smoking Technical Report (CBPF Model)



The Cost Benefit and Public Finance Model of Smoking report is commissioned from Landman Economics by ASH and is written by Howard Reed. The latest version, 4.2, was updated in June 2026. See [here](#).

Source: Action on Smoking and Health (ASH)

Statistics on Women's Smoking Status at Time of Delivery: England, Q4 2025/26

This report presents statistics on women's smoking status at time of delivery, at Sub Integrated Care Board (Sub-ICB), Integrated Care Board (ICB), Local Authority, regional and national levels. See [here](#).

Source: NHS Digital

Official Statistics: Stop smoking service data explorer

This data explorer presents latest published analysis on stop smoking service data, alongside indicators relating to the prevalence of smoking. See [here](#).

Source: Office for Health Improvements and Disparities

Interventions to change vaping harm perceptions and associations between harm perceptions and vaping and smoking behaviours: A systematic review

East Katherine; Simonavičius, Erikas; Taylor, Eve V., et al. (2026) *Addiction*.121.(1)pp. 8–43

Access or request full text: <https://libkey.io/10.1111/add.70129>

Efficacy and safety of varenicline for vaping cessation: A systematic review and meta-analysis of randomized controlled trials

Varyvoda Tamila; Zolotarova, Tetiana; Moiz, Areesha, et al. (2026) *Am.J.Med*.139.(4)pp. 475–483

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Racial Disparities in Tobacco Smoking-Related Risks for Lung Cancer: A Systematic Review & Meta-analysis

Williams Randi M.; Singh, Shriya; Luo, Yutong, et al. (2026) *Journal of Racial & Ethnic Health Disparities*.

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Understanding the role of cessation fatigue in smoking relapse: Findings from the International Tobacco Control Four Country Smoking and Vaping Survey

Yong Hua-Hie; Borland, Ron; Le Grande, Michael, et al. (2026) *Addiction*.121.(2)pp. 340–348

Access or request full text: <https://libkey.io/10.1111/add.70196>

Tuberculosis >>>[Back to Contents](#)

Effect of pulmonary rehabilitation on lung function and quality of life in pulmonary tuberculosis survivors with post-tuberculosis lung disease: a systematic review and meta-analysis.

Gebremedhn Abraham T.; Bobosha, Kidist; Adane, Hawult Taye, et al. (2026) *BMC Pulmonary Medicine*.26.(1)

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Social and health factors associated with postmortem diagnosis of tuberculosis in England: a national, retrospective cohort study

Morgan Eleanor; Cleary, Paul and Wingfield, Tom (2026) *Thorax*.pp. thorax–224505

Access or request full text: <https://libkey.io/10.1136/thorax-2025-224505>

Viral Respiratory Tract Infections: including Covid-19 >>>[Back to Contents](#)

[Please note: does not include Long Covid evidence – this can be found on a separate bulletin, sign up here: <https://www.nhslinclslibrary.uk/bulletin-request-form/>]

Will a sweet treat make cough retreat? In children presenting with acute cough due to upper respiratory tract infection, does honey treatment reduce cough severity?

See [evidence](#).

Source: Best Evidence Topics (BETs)

Guidance: Respiratory syncytial virus (RSV): vaccination for older adults

Information on respiratory syncytial virus (RSV) and the benefits of vaccination for adults and resources to promote the vaccination to older adults. See [here](#).

Source: UK Health Security Agency

Intravenous lanadelumab for the treatment of moderately ill COVID-19 patients

Engel Job J.; van Linge, Christine; Wiersinga, W. Joost, et al.
(2026) *Br.J.Clin.Pharmacol.*92.(6)pp. 1685–1695

Access or request full text: <https://libkey.io/10.1002/bcp.70438>

Ensitrelvir for Covid-19 Postexposure Prophylaxis in Household Contacts

Hayden Frederick G.; Shinkai, Masaharu; Clark, Tristan W., et al.
(2026) *N.Engl.J.Med.*394.(19)pp. 1905–1915

Access or request full text: <https://libkey.io/10.1056/NEJMoa2509306>

Effectiveness of telerehabilitation in patients with post-COVID-19: an updated systematic review and meta-analysis of randomized controlled trials.

Javed Muhammad N.; Khan, Saim Mahmood; Hussain, Jawairyra Muhammad, et al. (2026) *BMC Pulmonary Medicine*.

Access or request full text: <https://libkey.io/10.1186/s12890-026-04377-x>

Clinical benefits of prolonged versus standard prone positioning in mechanically ventilated COVID-19 patients with acute respiratory distress syndrome: A systematic review, meta-analysis, and trial-sequential analysis

Keenan Chong Woon H.; Dan Ong, Wei Jun; Khan, Faheem Ahmed, et al.
(2026) *Aust.Crit.Care.*39.(2)pp. 101531

Access or request full text: <https://libkey.io/10.1016/j.aucc.2026.101531>

Raising the patient's voice in influenza research and care: a systematic review of patient-reported outcomes.

Meda-Monzon Elizabeth; Munoz-Aguirre, Paloma; Flores-Aldana, Barbara Aida, et al. (2026) *BMC Infectious Diseases.*26.(1)



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Non-pharmacological rehabilitation strategies for pulmonary and physical recovery in ICU survivors after COVID-19: A systematic review.

Medina Yimy F.; Rodriguez Grande, Eliana Isabel; Galindo, Javier Leonardo, et al. (2026) *Chron.respir.dis.*23.pp. 14799731261439941

Access or request full text: <https://libkey.io/10.1177/14799731261439941>

Efficacy and safety of remdesivir for patients with severe acute respiratory syndrome coronavirus 2 infection: A systematic review of randomized controlled trials.

Meena Jitendra; Agarwal, Amit; Sandhu, Amit, et al. (2026) *Indian.J.Pharmacol.*58.(2)pp. 137–141

Access or request full text: https://libkey.io/10.4103/ijp.ijp_1111_20

Comparison of Azvudine and Nirmatrelvir-Ritonavir in Hospitalised Patients With COVID-19: A Systematic Review and Meta-Analysis

Mousavi Tahoori; Moosazadeh, Mahmood and Jalali, Hossein (2026) *Rev.Med.Virol.*36.(2)pp. e70114

Access or request full text: <https://libkey.io/10.1002/rmv.70114>

Prompt and Intensive Antiviral Chemoprophylaxis in Nursing Home Influenza Outbreaks.

Silva J.B.B.; Hsieh H.C.T.; Howe C.J., et al. (2026) *JAMA Internal Medicine.*186.(6)pp. 714–722

Access or request full text: <https://libkey.io/10.1001/jamainternmed.2026.0401>

Metformin for COVID-19: An Updated Systematic Review and Meta-Analysis of Randomized Controlled Trials

Tahir Taimoor; Siddique, Muhammad Abubakr; Ijaz, Khadija, et al. (2026) *Rev.Med.Virol.*36.(4)pp. e70172

Access or request full text: <https://libkey.io/10.1002/rmv.70172>

Antifungal prophylaxis among critically ill COVID-19 patients: a meta-analysis and systematic review.

Xie Huaiya; Pan, Siqi; Zhang, Ze, et al. (2026) *BMC Infectious Diseases.*26.(1)

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Effects of antibiotic treatment on clinical outcomes in patients with COVID-19: a systematic review and meta-analysis

Dona Daniele; Brigadoi, Giulia; Silva, Ronaldo, et al. *The Lancet Microbe.*

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