



# Respiratory Care Bulletin

January 2026

**The aim of this current awareness bulletin is to provide a digest of recent guidelines, reports, research and best practice on respiratory care in the NHS.**

Please note: This bulletin does not include Long Covid evidence as there is a separate bulletin on this topic.

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## Artificial Intelligence

### **AI/ML driven prediction of COPD exacerbations and readmissions: a systematic review and meta-analysis.**

Niraula P.;Upreti M.;Poudel B.;Kadariya S. and Kunwar, S. ,(2025), Frontiers in Digital Health, 7(pagination), pp. Article Number: 1641356. Date of Publication: 2025

**Access or request full text:** <https://libkey.io/10.3389/fdgth.2025.1641356>

### **Artificial Intelligence Applications in Chronic Obstructive Pulmonary Disease: A Global Scoping Review of Diagnostic, Symptom-Based, and Outcome Prediction Approaches.**

Pinheira A.;CasalGuisande M.;RepresasRepresas C.;TorresDuran M.;ComesanaCampos A. and FernandezVillar, A. ,(2025), Biomedicines, 13(12) (pagination), pp. Article Number: 3053. Date of Publication: December 2025

**Access or request full text:** <https://libkey.io/10.3390/biomedicines13123053>

### **AI enhancing differential diagnosis of acute chronic obstructive pulmonary disease and acute heart failure**

Lao, Yu;Ren, Hao;Ma, Zhenxin;Sun, Yu;Li, Dan;Tan, Ning;Cheng, Weibin and Jin, Wen ,(Dec 4 2025), iScience, 29(1), pp. 114197

**Access or request full text:** <https://libkey.io/10.1016/j.isci.2025.114197>

## Asthma

### **Efficacy of biologic agents in patients with comorbid asthma and chronic rhinosinusitis with nasal polyps: a systematic review and meta-analysis of randomised controlled trials**

Kyriakopoulos, Christos;Ntritsos, Georgios;Gogali, Athena;Papanikolaou, Anastasia;Angelopoulos, Vasileios;Oikonomou, Emmanouil D. and Kostikas, Konstantinos ,(Jan 14 2026), Eur.Respir.Rev., 35(179), pp. 250186. doi: 10.1183/16000617.0186-2025. Print 2026 Jan

**Access or request full text:** <https://libkey.io/10.1183/16000617.0186-2025>

### **Effectiveness of biologics for reducing occlusive mucus plugs in patients with severe asthma: a systematic review**

Aegerter, Helena;Brightling, Christopher E.;Dunican, Eleanor M.;Lambrecht, Bart N.;Lugogo, Njira L.;Newell, John D. Jr;Porsbjerg, Celeste;Svenningsen, Sarah;Clarke, Deborah;Lindsley, Andrew W.;Nordenmark, Lars;Ambrose, Christopher S. and Castro, Mario ,(Jan 21 2026), Respir.Res.,

**Access or request full text:** <https://libkey.io/10.1186/s12931-026-03501-z>

### **Efficacy and safety of mepolizumab in severe eosinophilic asthma: a systematic review and meta-analysis**

Li Y., Li J., Yang H. and Wu, L. (2025) *Journal of Thoracic Disease*, 17(11), pp. 9425–9438

**Access or request full text:** <https://libkey.io/10.21037/jtd-2025-1596>.



**Observational Analysis of Biological Remission as a Treatment Target for Severe Asthma: UK Severe Asthma Registry**

McDowell P.J., Redmond C., Busby J., Patel P., Jackson D.J., Pfeffer P.E., Mansur A.H., Patel M., Brown T., Burhan H., Chaudhuri R., Rupani H. and Heaney, L.G. (2025) *Journal of Allergy and Clinical Immunology: In Practice*, 13(12), pp. 3264–3273.e10

Access or request full text: <https://libkey.io/10.1016/j.jaip.2025.08.027>

**Oral systemic corticosteroids in children with acute asthma exacerbations: a systematic review and network meta-analysis.**

Amagasa, S., Utsumi, S., Okajima, K. and Uematsu, S. (2025) *Archives of Disease in Childhood*, 110(10), pp. 824–831

Access or request full text: <https://libkey.io/10.1136/archdischild-2024-327523>

**Pregnancy, asthma and exacerbations: a population-based cohort.**

Lee, B., Wong, E., Tan, T., Rupani, H. and Bloom, C.I. (2025), *European Respiratory Journal*, 66(6)

Access or request full text: <https://libkey.io/10.1183/13993003.01327-2025>

**Protocols and Pathways in Pediatric Critical Asthma: A Systematic Review and Meta-Analysis.**

Maue, D.K., Willis, L.D., Lenox, J., Glogowski, J., Goodfellow, L., White, B., Abu-Sultaneh, S. and Miller, A. (2025) *Respiratory care*, 70(10), pp. 1323–1332

Access or request full text: <https://libkey.io/10.1089/respcare.12885>

**Can assessment of small airway dysfunction support the diagnosis or management of asthma exacerbations in children? A systematic review.**

Alshehri, Abdulrahman;Alshahrani, Mohammed Ibrahim;Sapey, Elizabeth;Stockley, Robert and Almeshari, Mohammed (2025), *BMC Pulmonary Medicine*,

Access or request full text: <https://libkey.io/10.1186/s12890-025-04045-6>

**Efficacy of non-pharmacological interventions for childhood asthma: a systematic review and network meta-analysis.**

Zhang, Jia;Ye, Zhen;Guo, Fangyang;Ye, Yumeng;Yu, Xinyu;Song, Zhijian;Zhang, Fenfen;Gu, Nan;Ao, Meiying and Liu, Qian (Nov 12 2025), *BMC Pediatr.*, 25(1), pp. 927

Access or request full text: <https://libkey.io/10.1186/s12887-025-06115-4>

**Use of intravenous short-acting beta-2 agonist in addition to standard first-line treatment versus placebo in children and adolescents with acute severe asthma exacerbation: a systematic review and meta-analysis.**

Abdelgadir, Ibtihal Siddiq;Hamud, Ali;Mudawi, Khalid;Alhaji, Adham;Zou Zou, Aiman;Tonbari, Amjad;Alnasif, Naim;Salem, Ramadan;Alsaleh, Salah;Pullattayil, Abdul Kareem and Powell, Colin (Nov 19 2025), *Arch.Dis.Child.*, 110(12), pp. 962–968

Access or request full text: <https://libkey.io/10.1136/archdischild-2024-327452>

**Use of intravenous magnesium sulfate in addition to standard first-line treatment with inhaled/nebulised short-acting beta 2 agonist and systemic steroids in the management of acute asthma exacerbations in children: a systematic review and meta-analyses of**



**randomised controlled trials.**

Hamud, Ali Abdalla;Mudawi, Khalid;Powell, Colin;Alsaleh, Salah;Salem, Ramadan;Alnasif, Naim;Tonbari, Amjad;Zou Zou, Aiman;Alhaji, Adham;Pullattayil, Abdul Kareem and Abdelgadir, Ibtihal Siddiq ,(Nov 19 2025), Arch.Dis.Child., 110(12), pp. 955–961

**Access or request full text:** <https://libkey.io/10.1136/archdischild-2024-327486>

**Use of intravenous aminophylline in addition to the standard first-line treatment in children and adolescents with an acute asthma exacerbation: a systematic review and meta-analysis of randomised controlled trials.**

Mudawi, Khalid;Hamud, Ali;Powell, Colin;Alnasif, Naim;Tonbari, Amjad;Zou Zou, Aiman;Alhaji, Adham;Salem, Ramadan;Alsaleh, Salah;Pullattayil, Abdul Kareem and Abdelgadir, Ibtihal Siddiq ,(Nov 19 2025), Arch.Dis.Child., 110(12), pp. 969–976

**Access or request full text:** <https://libkey.io/10.1136/archdischild-2024-327492>

**Effect of yoga in children and adolescents with asthma: a systematic review and meta-analysis**

Yadav, Rashmi;Kabra, Sushil Kumar;Jat, Kana Ram;Upadhyay, Ashish Datt and Lodha, Rakesh ,(Dec 23 2025), Journal of Asthma, 1-11

**Access or request full text:** <https://libkey.io/10.1080/02770903.2025.2603315>

**The Dose-Response of Inhaled Corticosteroids in Combination Inhaled Corticosteroid/Long Acting Beta2-Agonist Maintenance Therapy for Asthma: A Systematic Review and Meta-Analysis.**

Noble J.H., Warhurst S., Cullen R., Sayers R., Lynch F., Kulathinal J., Weatherall M. and Beasley, R.W. (2025), *Chest*, 168(6), pp. 1304–1316

**Access or request full text:** <https://libkey.io/10.1016/j.chest.2025.08.014>

**A qualitative interview study to investigate opportunities for improvement in routine asthma care using a clinical decision support system.**

Tibble H., Garcia Iglesias J. and Chung, A. (2025), *Scientific Reports*, 15(1) (pagination), pp. Article Number: 41538. Date of Publication: December 2025

**Access or request full text:** <https://libkey.io/10.1038/s41598-025-25438-x>

**Efficacy and safety of Depemokimab in asthma with eosinophilic phenotype: a systematic review and meta-analysis of randomized controlled trials.**

Gill, Basir Afzaal;Ijaz, Anum;Fatima, Noor;Ahmed, Arsalan;Noor, Ayesha;Sharif, Samia;Fatima, Ishrat;Saeeda, Amna;Devi, Hansa and Saddique, Muhammad Nabeel ,(Dec 03 2025), BMC Immunol., 27(1), pp. 2

**Access or request full text:** <https://libkey.io/10.1186/s12865-025-00777-6>

**Association between mental health disorders and asthma exacerbations in adults: a retrospective cohort study in UK primary care.**

Pickard-Michels, Tris;Adderley, Nicola J.;Nagakumar, Prasad;Simms-Williams, Nikita;Sitch, Alice;Thayakaran, Rasiah;Punyadasa, Dhanusha;Nirantharakumar, Krishnarajah and Haroon, Shamil ,(Nov 17 2025), BMJ open respiratory research, 12(1)

**Access or request full text:** <https://libkey.io/10.1136/bmjresp-2025-003244>


**Efficacy and safety of probiotics in the treatment of pediatric asthma: a systematic review and meta-analysis.**

Hu, Gang;Liao, Ke;Yu, Yunfeng;Yang, Xinyu;Li, Fan and Wang, Mengqing , (2025), *Front.Med.(Lausanne)*, 12, pp. 1730100

Access or request full text: <https://libkey.io/10.3389/fmed.2025.1730100>

**Impact of Structured Aerobic Exercise on Symptom Burden and Lung Function in Adults with Asthma: A Prospective Cohort Study.**

Kristo, Branko;Maglica, Mirko;Petro, Marijana;Vidovic, Ivana;Vukoja, Ana;Hrkac, Antonija and Perkovic, Roberta ,(Jul 2025), *J.Clin.Pract.Res.*, 47(4), pp. 355–363

Access or request full text: <https://libkey.io/10.14744/cpr.2025.19951>

**Values and Preferences of Patients and Caregivers Regarding the Management of Moderate-to-Severe Asthma: A Systematic Review and Qualitative Evidence Synthesis.**

Rayner, Daniel G.;Li, Shelly-Anne;Ferri, Dario M.;Silang, Isabella;Fernandes, Athena;Chu, Alexandro W. L.;Tse, Solomon;Sumino, Kaharu;Nyenhuis, Sharmilee M.;Oppenheimer, John;Perry, Tamara T.;Hoyte, Flavia;Chippis, Bradley;Rivera-Spoljaric, Katherine;Israel, Elliot;Shade, Lindsay E.;Rangel, Susana;McCabe, Ellen;O'Byrne, Paul M.;Press, Valerie G., et al ,(2025), *The Journal of Allergy & Clinical Immunology in Practice*,

Access or request full text: <https://libkey.io/10.1016/j.jaip.2025.10.041>

**Bronchoscopy**
**The Role of High-Flow Nasal Cannula (HFNC) During Flexible Bronchoscopy in Adult Patients with Moderate Respiratory Dysfunctions: An Observational Study**

Coppolino, Francesco;Sansone, Pasquale;Cosenza, Gianluigi;Brunetti, Simona;Piccialli, Francesca;Fiore, Marco;Esposito, Clelia;Pace, Maria Caterina and Pota, Vincenzo ,(Jan 7 2026), *J.Clin.Med.*, 15(2), pp. 459. doi: 10.3390/jcm15020459

Access or request full text: <https://libkey.io/10.3390/jcm15020459>

**Ventilator settings for fiberoptic bronchoscopy during mechanical ventilation: a randomized adjudicator-blinded controlled trial VentSetFib**

Lemyze, Malcolm;Marshall, Dominic C.;Granier, Maxime;Laouki, Chems-Eddine;Marzouk, Mehdi and Mallat, Jihad ,(Jan 27 2026), *Crit.Care*,

Access or request full text: <https://libkey.io/10.1186/s13054-026-05847-8>

**Chronic Obstructive Pulmonary Disease (COPD)**
**Effect of triple inhaled therapy on MACE and cardiovascular events in COPD: a systematic review and meta-analysis.**

Calderon-Montero, A., de Miguel Diez, J., Barrios, V., Calderon-Ferrer, C. and Joshi, M. (2025), *Frontiers in Cardiovascular Medicine*, 12, pp. 1680080

Access or request full text: <https://libkey.io/10.3389/fcvm.2025.1680080>

**Effects on Exercise Tolerance and Functional Outcomes of Eccentric versus Concentric Aerobic Exercise in People with COPD: A Systematic Review and Meta-Analysis**

Magunagoikoetxea-Comins, G., Jimenez-Garcia, M.E., Perez-Ferreiro, M. and Fernandez-Pardo, T.E. (2025) *International Journal of Copd*, 20, pp. 4061–4078



**Access or request full text:** <https://libkey.io/10.2147/COPD.S558167>

**The Impact of Different Mobile Health Technologies on Physical Activity of COPD Patients: A Systematic Review and Network Meta-Analysis**

An, Wenzhuo;Ning, Shuting;Wang, Jie;Guo, Dongqing;Li, Nana and Chu, Xin ,(Oct 28 2025), J.Med.Syst., 49(1), pp. 147

**Access or request full text:** <https://libkey.io/10.1007/s10916-025-02285-x>

**Comparison of the efficacy of high-flow nasal cannula with different initial flow settings in patients with acute exacerbations of chronic obstructive pulmonary disease: A systematic review and network meta-analysis.**

Ding, Longfei;Wu, Tong;Liu, Hao;He, Yuewen;Zhang, Zhengze;Ma, Wuhua and Wu, Caineng ,(Dec 31 2025), Pulmonology, 31(1), pp. 2598913

**Access or request full text:** <https://libkey.io/10.1080/25310429.2025.2598913>

**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.;Smith-Turchyn, Jenna and Brooks, Dina ,(2025), Thorax,

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

**High-intensity versus low-intensity non-invasive ventilation in acute exacerbations of chronic obstructive pulmonary disease: A systematic review and meta-analysis.**

Shahid, Haniya;Ahmed, Muhammad;Sami, Syeda Zuha;Kumar, Sanjeet;Farooq, Javeria;Asif, Ilsa;Hanif, Zainab Muhammad and Nazir, Ariba ,(Oct 2025), Respir.Med., 247, pp. 108277

**Access or request full text:** <https://libkey.io/10.1016/j.rmed.2025.108277>

**Which Remote Exercise Interventions are Most Effective in Improving Physical Activity and Quality of Life in Patients with Chronic Obstructive Pulmonary Disease? A Systematic Review and Network Meta-Analysis.**

Tang, Huan;Shen, Huapeng;Chen, Guihua;Luo, Xiaoqing;Wu, Qian and Liu, Yiqun ,(2025), Int.J.Chron.Obstruct Pulmon Dis., 20, pp. 3607–3629

**Access or request full text:** <https://libkey.io/10.2147/COPD.S552283>

**Effects of a mind-body exercise intervention on anxiety, depression and quality of life in elderly patients with chronic obstructive pulmonary disease: A systematic evaluation and META analysis.**

Yan, Zhaoying;Zhang, Tao;Ding, Zifan;Tao, Baole;Shu, Junwen;Yu, Minlei;Liang, Qingyu and Yan, Jun ,(Oct 2025), Complement.Ther.Med., 93, pp. 103237

**Access or request full text:** <https://libkey.io/10.1016/j.ctim.2025.103237>

**The clinical effective of sodium/glucose co-transporter-2 inhibitors on admission frequency, duration and use of acute non-invasive ventilation in patients with chronic obstructive pulmonary disease: A single-centre 24-month retrospective observational study in a UK tertiary care centre.**

Kan, Alan;De Soya, Joshua;Kafi, Opeyemi;Rao, Ranganatha;Murthy, Narasimha and Bhat, Jayanth ,(Dec 03 2025), Clin.Med., 26(1), pp. 100541



**Access or request full text:** <https://libkey.io/10.1016/j.clinme.2025.100541>

**Risk factors of ventilator-associated pneumonia in patients with acute exacerbation of chronic obstructive pulmonary disease: a meta-analysis and systematic review.**

Hongwei, Yang;Juan, Wang;Hui, Ji;Zhongjian, Li;Xueying, Li;Rui, Liu;Min, Li and Xiu, Wang ,(Dec 19 2025), BMC pulm med., 25(1), pp. 558

**Access or request full text:** <https://libkey.io/10.1186/s12890-025-04003-2>

**Effect of exercise training on modulating the TH17/TREG imbalance in individuals with severe COPD: A randomized controlled trial**

Ito, Juliana Tiyaki;Alves, Luan Henrique Vasconcelos;Oliveira, Luana de Mendonça;Xavier, Rafaella Fagundes;Carvalho-Pinto, Regina Maria;Tibério, Iolanda de Fátima Lopes Calvo;Sato, Maria Notomi;Carvalho, Celso R. F. and Lopes, Fernanda Degobbi Tenorio Quirino Dos Santos ,(Dec 31 2025), Pulmonology, 31(1), pp. 2441069

**Access or request full text:** <https://libkey.io/10.1080/25310429.2024.2441069>

**The Effect of Heated, Humidified High-Flow Air in COPD Patients With Chronic Bronchitis**

Fortis, Spyridon;Hoffman, Eric A. and Comellas, Alejandro P. ,(Dec 28 2025), Pulm.Med., 2025, pp. 8350741

**Access or request full text:** <https://libkey.io/10.1155/pm/8350741>

**COVID-19 / Respiratory infections**

[Please note: does not include Long Covid evidence – this can be found on a separate bulletin]

**Drug treatments for mild or moderate covid-19: Systematic review and network meta-analysis.**

Ibrahim S.;Siemieniuk R.A.C.;Oliveros M.J.;Islam N.;Martinez J.P.D.;Izcovich A.;Qasim A.;Zhao Y.;Zaror C.;Yao L.;Wang Y.;Vandvik P.O.;Roldan Y.;Rochweg B.;Rada G.;Prasad M.;PardoHernandez H.;Mustafa R.A.;Fashami F.M.;Miroshnychenko A., et al ,(2025), BMJ, 389(pagination), pp. Article Number: e081165. Date of Publication: 2025

**Access or request full text:** <https://libkey.io/10.1136/bmj-2024-081165>

**Efficacy and safety of imatinib in patients with COVID-19: a systematic review and meta-analysis.**

Li, Le;Zhao, Chengxiao and Hou, Siyuan ,(Dec 2025), Wien.Klin.Wochenschr., 137(23-24), pp. 778–786

**Access or request full text:** <https://libkey.io/10.1007/s00508-025-02552-4>

**Methylprednisolone versus dexamethasone in hospitalized patients with severe COVID-19: a systematic review and meta-analysis of randomized controlled trials.**

Qin, Jinlv;Wang, Guizuo and Han, Dong ,(Nov 18 2025), Syst.rev., 14(1), pp. 228

**Access or request full text:** <https://libkey.io/10.1186/s13643-025-02976-z>

**Molnupiravir for treating COVID-19.**

Tatz, Gayle S.;Ochodo, Eleanor A.;Fox, Tilly;Owino, Eddy J.;Nyagol, Bruce;Rupali, Priscilla;McCaul, Michael;Kredo, Tamara and Cohen, Karen ,(10 28 2025), Cochrane Database



Syst.Rev., 10, pp. CD015381

**Access or request full text:** <https://libkey.io/10.1002/14651858.CD015381.pub2>

**Efficacy and safety of Ensitrelvir in asymptomatic or mild to moderate COVID-19: a systematic review and meta-analysis of randomized controlled trials.**

Ul Haq, Muhammad Zain;Ashraf, Saad;Shah, Muhammad Shahmeer Ullah;Sulaiman, Samia Aziz;Shaukat, Ayesha;Ansari, Muhammad Ahsan;Basaria, Areeba Aamir Ali;Fatima, Laveeza;Saeed, Humza;Goyal, Aman and Daoud, Mohamed ,(Oct 2025), Infection, 53(5), pp. 1645–1661

**Access or request full text:** <https://libkey.io/10.1007/s15010-025-02582-0>

**Rehabilitation in critically ill patients with COVID-19 infection: A systematic review and meta-analysis**

Reid, Julie C.;Semrau, Joanna S.;O'Grady, Heather K.;Hoogenes, Jen;Gill, Jeniszka;Hasan, Hibaa;von Teichman, Sophie;Bogdanova, Yelena;McKenney, Shannon;Sokol, Olivia;Pereira, Tania J.;Dannenberg, Vanessa Campes;Farley, Christopher;Junior, Jose Colleti;Deis, Amal;Williamson, David;Herridge, Margaret and Kho, Michelle ,(Dec 26 2025), Aust.Crit.Care, 39(1), pp. 101500

**Access or request full text:** <https://libkey.io/10.1016/j.aucc.2025.101500>

**The Impact of COVID-19 on Racialised Minority Populations: A Systematic Review of Experiences and Perspectives.**

Wright, Toni;Smith, Raymond;Sah, Rajeeb Kumar;Keys, Clare;Keval, Harshad and Onyejekwe, Chisa ,(Nov 21 2025), International Journal of Environmental Research & Public Health [Electronic Resource], 22(12)

**Access or request full text:** <https://libkey.io/10.3390/ijerph22121767>

**Vascular and inflammatory diseases after COVID-19 infection and vaccination in children and young people in England: a retrospective, population-based cohort study using linked electronic health records.**

Sampri, Alexia;Shi, Wen;Bolton, Thomas;Ip, Samantha;Knight, Rochelle;Walker, Venexia;Denholm, Rachel;Raffetti, Elena;Keene, Spencer;Allara, Elias;Jiang, Xiyun;Kontopantelis, Evangelos;Denaxas, Spiros;Khunti, Kamlesh;Conrad, Nathalie;Pagel, Christina;Hardelid, Pia;Sterne, Jonathan A. C.;Brown, Katherine L.;Whiteley, William N., et al ,(Dec 2025), Lancet Child.Adolesc.Health., 9(12), pp. 837–847

**Access or request full text:** [https://libkey.io/10.1016/S2352-4642\(25\)00247-0](https://libkey.io/10.1016/S2352-4642(25)00247-0)

**Comprehensive evaluation of therapeutic effectiveness and safety profiles of baloxavir marboxil for managing influenza virus infection in pediatric populations: a systematic review with pooled meta-analytic data.**

Ji, Yishu;Yang, Wenwen and Wang, Weijie ,(2025), Front.pediatr., 13, pp. 1733111

**Access or request full text:** <https://libkey.io/10.3389/fped.2025.1733111>

**UK Health Security Agency**

[UKHSA FluSurvey surveillance system](#) (December 2025)

[Pre-release access lists: National flu and COVID-19 surveillance reports](#) (December 2025)



[Pre-release access list: monthly seasonal influenza vaccine uptake in children of school age](#) (December 2025)

[Pneumococcal infant vaccination: information for healthcare practitioners](#) (December 2025)

[Pneumococcal polysaccharide conjugate vaccine \(PCV20\) PGD template](#) (December 2025)

[Pneumococcal vaccination for older adults and for individuals in a clinical risk group: Information for healthcare practitioners](#) (January 2026)

[Pre-release access list: monthly seasonal influenza vaccine uptake in GP patients](#) (December 2025)

[Pre-release access list: monthly seasonal influenza vaccine uptake in healthcare workers](#) (December 2025)

[Diagnostic testing for avian influenza A\(H5\) and other zoonotic influenza viruses](#) (December 2025)

[Report an outbreak of acute respiratory infection in an adult social care setting](#) (January 2026)

## Cystic fibrosis (CF)

### Non-antibiotic treatment for nontuberculous mycobacteria lung infection in people with cystic fibrosis – A systematic review

A, B., N, J., S, S., AR, S., I, S., L, T. and JA, N. (2025), *Journal of Cystic Fibrosis*.

Access or request full text: <https://libkey.io/10.1016/j.jcf.2025.12.014>

### An Observational Cohort Study of Targeted Antibiotic Treatments of Cystic Fibrosis Exacerbations

Jacobs, HollyAnn R.;Packer, Kristyn A.;Vargas Buonfiglio, Luis G.;Bhakta, Zubin;Ulrich, Andrew;Szczesniak, Rhonda D.;Fisher, Mark A.;Regelmann, Warren E.;Young, David C. and Liou, Theodore G. ,(Jan 16 2026), *Open Forum.Infect.Dis.*, 13(1), pp. ofaf745

Access or request full text: <https://libkey.io/10.1093/ofid/ofaf745>

### Exploring Exercise as Airway Clearance in Cystic Fibrosis: A Qualitative Study From the ExACT-CF Feasibility Trial

Taylor, Emily;Soilemezi, Dia;Urquhart, Don S.;Cunningham, Steve;Lewis, Steff;Neilson, Aileen Rae;Ensor, Hannah;Vogiatizis, Ioannis;Allen, Lorna;Saynor, Zoe L. and ExACT-CF study group ,(Jan 2026), *Pediatr.Pulmonol.*, 61(1), pp. e71470

Access or request full text: <https://libkey.io/10.1002/ppul.71470>

## Interstitial Lung Disease

### Efficacy and safety of external treatment of traditional Chinese medicine combined with conventional treatment for idiopathic pulmonary fibrosis: A systematic review and meta-analysis.

Li, Yalan;Wu, Xiangyi;Xue, Yan and Zhang, Wei ,(Oct 10 2025), *Medicine (Baltimore)*, 104(41), pp. e45018

Access or request full text: <https://libkey.io/10.1097/MD.00000000000045018>

### Predictors of Progressive Fibrosing Interstitial Lung Diseases and Survival in Fibrosing Interstitial Lung Disease-Related Usual Interstitial Pneumonia

Fu, Hongyan;Li, Xiao;Shi, Hongyang;Zhang, Jie and Zhang, Ming ,(Jan 19 2026), *Medicina*



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**Lung Cancer**

**National Institute for Health and Care Excellence (NICE)**



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| <a href="#">Amivantamab with lazertinib for untreated EGFR mutation-positive advanced non-small-cell lung cancer   Guidance</a> (January 2026)                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p><b>Effectiveness of Mindfulness-Based Interventions on Breathlessness in Lung Cancer: A Meta-Analysis</b></p> <p>Wang, Yueying;Li, Yan;Hu, Yule;Lewthwaite, Hayley;Zhu, Bingqian;Liao, Kuan;Li, Mengqi;Dai, Yushen;Takemura, Naomi;McDonald, Vanessa Marie and Yorke, Janelle ,(2025), Journal of Pain &amp; Symptom Management,</p> <p><b>Access or request full text:</b> <a href="https://libkey.io/10.1016/j.jpainsymman.2025.11.018">https://libkey.io/10.1016/j.jpainsymman.2025.11.018</a></p>                                       |
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| <p><b>Mesothelioma</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <p><b>Obstructive sleep apnoea</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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**NHS England Digital**

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## Tuberculosis

### UK Health Security Agency

[Tuberculosis \(TB\) information sheet](#) (December 2025)

### Comparative efficacy and safety of high-dose rifamycin regimens for tuberculosis treatment: a Bayesian network meta-analysis

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