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April 2026

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

Digital technologies for applying algorithms to spirometry to support asthma and COPD diagnosis in primary care and community diagnostic centres: early-use assessment

Evidence-based recommendations on the early use of digital technologies for applying algorithms to spirometry to support asthma and chronic obstructive pulmonary disease (COPD) diagnosis in primary care and community diagnostic centres. See [here](#).

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

Comparative efficacy and safety of biologic therapies in pediatric asthma: a comprehensive systematic review.

Alzayed, Abdullah (2026), *Front.Med.(Lausanne)*, 13, pp. 1722577

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Prevalence of respiratory viruses in stable and acute asthma: a systematic review and meta-analysis

Ananth, Sachin;Alimani, Gioulinta S.;Boccabella, Cristina;Khaleva, et al. (2026), *Eur.*, 35(180)

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The association between asthma and heart failure - a systematic review and meta-analysis

Bjerken, Laura Vindelov;Baekdal, Jonas Aggerholm et al.(2026) *Eur.Clin.Respir.J.*, 13(1), pp. 2643015

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Exclusively nurse-led interventions for pediatric asthma: A systematic review and meta-analysis of randomized controlled trials.

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Budesonide-glycopyrronium-formoterol fumarate dihydrate in uncontrolled asthma (KALOS and LOGOS): twin multicentre, double-blind, double-dummy, parallel-group, randomised, phase 3 trials

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High-Intensity Interval Training in Adults With Asthma: Systematic Review and Meta-Analysis.

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Development and short-term effectiveness of a theory-informed, nurse-led structured rehabilitation consultation in primary care asthma management.

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Association between nocturnal asthma, symptom severity and clinical outcomes: a systematic review

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Digital, remotely delivered management interventions for adult asthma: a systematic review and meta-analysis.

Tian, Shan;Huang, Xiaonan;Li, Jian;Chen, et al. (2026) Front.public.health., 14, pp. 1776893

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Safety and efficacy of Nordic walking training in adult patients with asthma: A pilot randomised controlled trial with a mixed-methods approach.

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The effect of the Buteyko breathing technique on asthma control and quality of life: a systematic review and meta-analysis of Randomized Controlled Trials

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Obstructive Sleep Apnea in Bronchiectasis: Prevalence, Risk Factors and Clinical Implications-A Systematic Review and Meta-Analysis

Srivali, Narat and De Giacomi, Federica ,(2026), J.Sleep Res., e70333

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A pragmatic, multicentre, placebo-controlled, 3-arm, double-blinded, randomised controlled trial, incorporating an internal pilot, to determine the role of bronchodilators in preventing exacerbations of bronchiectasis.

Wilson, Nina;Morton, Miranda;Homer, Tara;Breeze et al. (2026), Health Technol.Assess.,

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Does Addition of Oscillatory Positive Expiratory Pressure (OPEP) Device to a Chest Physiotherapy Program Provide Further Benefits in Children With Bronchiectasis?: A Randomized Trial

Zeren, Melih;Barlik, Meral;Tosun, Beyza Nur Caglar (2026) Pediatr.Pulmonol., 61(4), pp. e71602

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

Commissioning strategies for the treatment of chronic obstructive pulmonary disease

This guidance provides strategies that optimise chronic obstructive pulmonary disease (COPD) care across the pathway and offer integrated care boards a consistent methodology and set of strategies for commissioning biologics. See [here](#).

Source: National Institute for Health and Care Research (NIHR)

Intensive versus usual rehabilitation programs in stable chronic obstructive pulmonary disease (COPD) patients

Abd Elsabour Sabah, Hala M.;Mohammed, Rehab M. et al. (2026) J.Bodyw Mov.Ther., 46, pp. 109–116

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

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Pharmacist-Led Integrated Management for Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis

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Clinical and cost-effectiveness of SPACE for COPD delivered as a pulmonary rehabilitation maintenance programme: a randomised controlled trial.

Houchen-Wolloff, Linzy;Hong, Annabel;Alqahtani, Khaled et al. (2026), Thorax,

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Efficacy of inpatient pulmonary rehabilitation in elderly patients with acute exacerbation of COPD: randomised controlled trial study.

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Differentiating the start of an exacerbation from day-to-day variation in people with COPD: a systematic review

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The Impact of Treated and Untreated COPD Exacerbations on Long-Term Health-Related Quality of Life.

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The Use of Capsaicin in the Treatment of Swallowing Disorders

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Enhancing Swallowing Function in Tracheotomy Patients with Subglottic Oxygen Flow: A Randomized Self-Controlled Crossover Trial

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Effect of targeted therapies on pulmonary function in rheumatoid arthritis-associated interstitial lung disease: a systematic review and meta-analysis.

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

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From fibrosis to thrombosis: a systematic review and meta-analysis of venous thromboembolism risk in interstitial lung disease

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Impact of the Oncologist's Recommendation on Exercise Levels and Quality of Life in Patients With Lung Cancer: The ORE Randomized Controlled Trial

Avancini, Alice;Belluomini, Lorenzo;Giannarelli, Diana; (2026) Cancer.Med., 15(5), pp. e71857

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Effects of a rehabilitation program based on home intelligent management platform guided among patient after lung cancer surgery: a randomized controlled trail

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Quantifying immune dysregulation in pneumonia and sepsis with a parsimonious machine-learning model: a multicohort analysis across care settings and reanalysis of a hydrocortisone randomised controlled trial

Michels, Erik H. A.;Dequin, Pierre-François;Butler, Joe M.; et al. (2026), Lancet Respir.Med., 14(4), pp. 327–340

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Pneumothorax

Tract Sealing Techniques for Pneumothorax and Drainage Prevention After CT-Guided Lung Biopsy: A Systematic Review and Meta-Analysis

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Setting expectations with oral selexipag: an expert consensus-based approach on best practices to initiate, dose, titrate, and manage side effects (SEs) in patients with pulmonary arterial hypertension (PAH)

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

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

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Source: UK Health Security Agency

Research and analysis: Tuberculosis (TB) regional reports 2024 supplementary data

Supplementary data for the 2024 TB regional and devolved reports. See [here](#).

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Research and analysis: Tuberculosis (TB): regional reports 2024

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<p>Source: UK Health Security Agency</p>
<p>Viral Respiratory Tract Infections >>>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/]</p>
<p>Guidance: Haemophilus influenzae type b (Hib): the green book chapter Haemophilus influenzae type b (Hib): immunisation information for public health professionals, including updates. See here. Source: UK Health Security Agency</p>
<p>Guidance COVID-19 vaccination: spring 2026 campaign resources Information on the spring 2026 campaign for eligible individuals. See here. Source: UK Health Security Agency</p>
<p>Guidance: Pneumococcal vaccination for older adults and for individuals in a clinical risk group: Information for healthcare practitioners Information for healthcare practitioners on delivering the pneumococcal vaccination programme for older adults and individuals in a clinical risk group. See here. Source: UK Health Security Agency</p>
<p>COVID-19 vaccine during pregnancy reduces risks to mother and baby Recent research provides evidence to back the safety and effectiveness of the COVID-19 vaccine for pregnant women. See here. Source: National Institute for Health and Care Research (NIHR)</p>
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