

Long COVID Bulletin

**New evidence and outputs from key organisations
relating to Long COVID**

Coverage: February 2025

Publication date: 6 March 2025



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Recent publications and journal articles

This current awareness bulletin contains a selection of material gathered from a search of the evidence base. It is not intended to be comprehensive and has not been critically appraised. Collated by a qualified information professional, the content is selected upon informed prioritisation of the search results based upon agreed criteria.

The bulletin is not a substitute for clinical or professional judgement and the information contained within does not supersede national and local NHS policies and protocols.

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If you need any help with obtaining the full text of any of the articles, please contact phs.knowledge@phs.scot

Epidemiology of long COVID, including incidence, prevalence, determinants

Barado E, Carlos S, Moreno-Galarraga L, Amer F, Escrivá N, Torres MG, et al. [Impact of Pre-Infection COVID-19 Vaccination on the Incidence and Severity of Long COVID: A Retrospective Case-Control Study](#). Immunology. 2025.

Jayavelu ND, Samaha H, Wimalasena ST, Hoch A, Gygi JP, Gabernet G, et al. [Machine learning models predict long COVID outcomes based on baseline clinical and immunologic factors](#). medRxiv. 2025 [Pre-print, not yet peer reviewed]

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COVID syndrome followed at a teaching hospital in Brazil. The Brazilian Journal of Infectious Diseases. 2025;29(2)104509.

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Prediger KM, Ribeiro AC, Uehara SC da SA. **Prevalent symptoms and characteristics of the Long COVID-19 population: a scoping review.** Revista latino-americana de enfermagem. 2025;33e4479.

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Yang J, Rai KK, Alfred T, Massey L, Massey O, McGrath L, et al. **The impact of COVID vaccination on incidence of long COVID and healthcare resource utilisation in a primary care cohort in England, 2021-2022.** BMC Infectious Diseases. 2025;25(1)214.

Service planning and delivery, pathways of care, service evaluation

Daynes E, Evans RA, Greening NJ, Bishop NC, Yates T, **Lozano-Rojas D, et al.** **Post-Hospitalisation COVID-19 Rehabilitation (PHOSP-R): A randomised controlled trial of exercise-based rehabilitation.** The European Respiratory Journal. 2025.

DeVoss R, Carlton EJ, Jolley SE, Perrailon MC. **Healthcare utilization patterns before and after a long COVID diagnosis: a case-control study.** BMC Public Health. 2025;25(1)514.

Mazer B, Haynes S, Ficara V, Streib A, St-Jean D, Spiridigliozzi A-M, et al. **Rehabilitation service utilization among individuals with long COVID in Laval, Canada.** Disability and rehabilitation. 2025;1–9.

Saunders EG, Pouliopoulou DV, Miller E, Billias N, MacDermid JC, Brunton L, et al. **Rehabilitation interventions and outcomes for post-COVID condition: a scoping review.** BMJ Public Health. 2025;3(1)e001827.

Saxon M, Jackson S, Seth M, Koralnik IJ, Cherney LR. **Cognitive rehabilitation improved self-reported cognitive skills in patients with Long COVID: An observational study.** Archives of Physical Medicine and Rehabilitation. 2025.

Zeraatkar D, Ling M, Kirsh S, Jassal T, Pitre T, Chakraborty S, et al. **Interventions for the management of post-COVID-19 condition (long COVID): protocol for a living systematic review and network meta-analysis.** BMJ Open. 2025;15(2)e086407.

Psycho-social impacts of long COVID, including on work, education, and quality of life

Borges FFDR, Braga ACB, Viana BS, Valente J, Bemfica JM, Sant'Anna T, et al. **Functional capacity impairment in long COVID after 17 months of severe acute**

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Pilkington W, Bauer BE, Doherty IA. **Living with Long COVID in a Southern State: A Comparison of Black and White Residents of North Carolina**. International Journal of Environmental Research and Public Health. 2025;22(2).

Pouliopoulou DV, Hawthorne M, MacDermid JC, Billias N, Miller E, Quinn K, et al. **Prevalence and Impact of Post-Exertional Malaise on Recovery in Adults with Post COVID-19 Condition. A Systematic Review with Meta-Analysis**. Archives of Physical Medicine and Rehabilitation. 2025.

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Wallace ZS, Lin M, Srivatsan S, King A, Wang X, Venkat R, et al. **Impact of long COVID on self-reported disease activity, disability, and quality of life in individuals with inflammatory arthritis.** Seminars in arthritis and rheumatism. 2025;71152657.

New/updated guidelines, policies and reports including findings of CSO-funded research relevant to long COVID

Changes to long COVID service provision:

- **NHS Cheshire and Mersyside** (February 2025)
- **NHS North East London** (February 2025)

For further information on sources of evidence and other key references relevant to this topic, please contact: [pks.knowledge@pks.scot](mailto:phs.knowledge@phs.scot)