

Long COVID Bulletin

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

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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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Epidemiology of long COVID, including incidence, prevalence, determinants

Aldhawyan AF, BuSaad MA, Almaghlouth NE et al. [Understanding long COVID: prevalence, characteristics, and risk factors in the Eastern Province of Saudi Arabia](#). *Front Med (Lausanne)* 2024; 11: 1459583. 2024/10/04.

Ashmawy R, El-Maradny YA, Tahio A et al. [Prevalence, duration, and factors influencing post-COVID conditions among patients at several public hospitals, Alexandria governorate, Egypt 2022-2023](#). *Heliyon* 2024; 10: e38764. 2024/10/15.

Fuller T, Flores Mamani R, Ferreira Pinto Santos H et al. [Sex, vaccination status, and comorbidities influence long COVID persistence](#). *J Infect Public Health* 2024; 17: 102562. 2024/11.

Hirschtick JL, Slocum E, Xie Y et al. [Associations Between Acute COVID-19 Symptom Profiles and Long COVID Prevalence: Population-Based Cross-Sectional Study](#). *JMIR Public Health Surveill* 2024; 10: e55697. 2024/10/01.

Krongthaeo S, Partiprajak S, Piaseu N et al. **Prevalence and exploratory factor analysis of long COVID-19 symptoms among experienced infected population in Bangkok, Thailand.** *BMC Public Health* 2024; 24: 2863. 2024/10/17.

Naidu SB, Saigal A, Shah AJ et al. **Associations between ethnicity and persistent physical and mental health symptoms experienced as part of ongoing symptomatic COVID-19.** *PLoS ONE* 2024; 19: e0312719. 2024/10/31.

Silver SR, Li J, Ford ND et al. **Prevalence of COVID-19 and Long COVID by industry and occupation: Behavioral Risk Factor Surveillance System 2022.** *Am J Ind Med* 2024; 2024/10/11.

Son H-E, Hong Y-S, Lee S et al. **Prevalence, risk factors, and impact of long COVID among adults in South Korea.** *Healthcare (Basel)* 2024; 12. 2024/10/17.

Woodrow M, Ziauddeen N, Smith D et al. **Using General Practice Patient Survey data to explore prevalence and patient uncertainty about Long Covid.** *medRxiv* 2024; 2024/10/27 [Pre-print, not yet peer reviewed].

Zhou M, Zhu Q, Xu Y et al. **A nomogram to predict long COVID risk based on pre- and post-infection factors: Results from a cross-sectional study in South China.** *Public Health* 2024; 237: 176–183. 2024/10/17.

Service planning and delivery, pathways of care, service evaluation

Adams NN, Maclver E, Douglas F et al. **Disrupted Candidacy: A Longitudinal Examination of the Constrained Healthcare-Access Journeys of National Health Service Workers in Scotland Seeking Supports for Long COVID Illness.** *Health Expect* 2024; 27: e70050. 2024/10.

Gamillscheg P, Łaszewska A, Kirchner S et al. **Barriers and facilitators of healthcare access for long COVID-19 patients in a universal healthcare system: qualitative evidence from Austria.** *Int J Equity Health* 2024; 23: 220. 2024/10/23.

Grant A, Stage E, Blane D et al. **Four Years in, What Are the Research Priorities for Long COVID? A Research Priority-Setting Partnership Between People With Lived Experience, Carers, Clinicians and Researchers.** *Health Expect* 2024; 27: e70072. 2024/10.

Moreels S, Bensemmane S, De Schreye R et al. **Caring for Long Covid patients in primary healthcare: a cross-sectional study on general practitioners' knowledge, perception and experience in Belgium and Malta.** *BMC Prim Care* 2024; 25: 375. 2024/10/21.

Nwankwo H, Mason J, Underwood M et al. **Cost-effectiveness of an online supervised group physical and mental health rehabilitation programme for adults with post-COVID-19 condition after hospitalisation for COVID-19: the REGAIN RCT.** *BMC Health Serv Res* 2024; 24: 1326. 2024/10/31.

Philip KE, Burton A, Lewis A et al. **Participant experience of Scottish Ballet's dance-based long COVID support programme: A mixed methods study.** *medRxiv* 2024; 2024/10/30 [Pre-print, not yet peer reviewed].

Schulze J, Lind L, Rojas Albert A et al. **German general practitioners' experiences of managing post-COVID-19 syndrome: A qualitative interview study.** *Eur J Gen Pract* 2024; 30: 2413095. 2024/12.

Thomas J, Prgomet M, Weeding S et al. **A qualitative study of the general practice experience of diagnosing and managing long COVID: Challenges and practical recommendations.** *Aust J Gen Pract* 2024; 53: 732–736. 2024/10.

Williams SL, Beadle E, Williams P et al. **A mixed-methods analysis of the implementation of a new community long-COVID service during the 2020 pandemic: learning from practice.** *medRxiv* 2024; 2024/10/29 [Pre-print, not yet peer reviewed].

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

Di Fusco M, Cappelleri JC, Yehoshua A et al. **Associations between symptom-based long COVID clusters and long-term quality of life, work and daily activities among individuals testing positive for SARS-CoV-2 at a national retail pharmacy.** *J Patient Rep Outcomes* 2024; 8: 122. 2024/10/22.

Eberhardt J, Gibson B, Portman RM et al. **Psychosocial aspects of the lived experience of long COVID: A systematic review and thematic synthesis of qualitative studies.** *Health Expect* 2024; 27: e70071. 2024/10.

Guidry JPD, Laestadius LI, Burton CW et al. **Patient-provider relationships and long COVID: A cross-sectional survey about impact on quality of life.** *Disabil Health J* 2024; : 101722. 2024/10/22.

Hawke LD, Nguyen ATP, Wang W et al. **Systematic review of interventions for mental health, cognition and psychological well-being in long COVID.** *BMJ Ment Health* 2024; 27. 2024/10/09.

Lim SH, Lim YC, Zaki RA et al. **Effect of Long COVID on Work Performance and Annual Monetary Loss among Infected Healthcare Workers at a Tertiary Hospital in Malaysia.** *J Occup Environ Med* 2024; 2024/10/15.

MacEwan SR, Rahurkar S, Tarver WL et al. **The Impact of Long COVID on Employment and Well-Being: A Qualitative Study of Patient Perspectives.** *J Gen Intern Med* 2024; 2024/10/08.

Shang C-Y, Chang L-Y, Chang Y-T et al. **Increased post-COVID-19 behavioral, emotional, and social problems in Taiwanese children.** *J Formos Med Assoc* 2024; 2024/10/20.

Silver SR, Li J, Ford ND et al. **Functional disabilities and adverse well-being by COVID-19 and Long COVID history and employment status: 2022 Behavioral Risk Factor Surveillance System.** *Am J Ind Med* 2024; 2024/10/25.

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