

### 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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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

Alkhormani AA, Alghamdi RA, Damdam YA, Almaghrabi ME, Alamri FF, Khan MA, et al. **Post-COVID-19 manifestations among college students: shedding the light on young adults' health.** BMC Public Health. 2024;24(1)3613.

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Miller CM, Borre C, Green A, Funaro M, Oliveira CR, Iwasaki A. **Postacute Sequelae of COVID-19 in Pediatric Patients Within the United States: A Scoping Review**. American journal of medicine open. 2024;12100078.

Pry JM, McCullough K, Lai KW-J, Lim E, Mehrotra ML, Lamba K, et al. **Defining long COVID using a population-based SARS-CoV-2 survey in California**. Vaccine. 2024;42(26)126358. Rover MM, Scolari FL, Trott G, da Silva MMD, de Souza D, da Rosa Minho Dos Santos R, et al. Association between vaccination and persistent COVID-19related symptoms among patients with mild Omicron infection: A prospective cohort study. Vaccine: X. 2024;21100579.

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E, et al. A 24-month National Cohort Study examining long-term effects of
COVID-19 in children and young people. Communications medicine.
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Takaoka H, Kawada I, Hiruma G, Nagashima K, Terai H, Ishida N, et al. Long COVID among the first three waves of COVID-19 in Japan: a multicentre cohort study. BMJ open respiratory research. 2024;11(1).

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#### Service planning and delivery, pathways of care, service evaluation

Barz A, Berger J, Speicher M, Morsch A, Wanjek M, Rissland J, et al. Effects of a symptom-titrated exercise program on fatigue and quality of life in people with post-COVID condition - a randomized controlled trial. Scientific Reports. 2024;14(1)30511.

Brinkmann M, Stolz M, Herr A, Herrmann-Lingen C, Koch I, Müller C, et al. Care for post-COVID-19 condition in Germany from the perspectives of patients, informal caregivers and general practitioners: Study protocol for a mixed methods study. Plos One. 2024;19(12)e0316335.

Clutterbuck D, Ramasawmy M, Pantelic M, Allsopp G, Gabbay M, Hayer J, et al. Exploring the help-seeking journeys for Long Covid from a health inequalities perspective: a qualitative study in England. medRxiv. 2024 [Pre-print, not yet peer reviwewed].

Mathew J, Nugent K. **Post-Acute Sequelae of SARS-CoV-2 Infections: Exercise Limitation and Rehabilitation**. The Yale journal of biology and medicine. 2024;97(4)463–72.

Ridge DT, Broom A, Alwan NA, Chew-Graham CA, Smyth N, Gopal D, et al. **Medical ambivalence and Long Covid: The disconnects, entanglements, and productivities shaping ethnic minority experiences in the UK**. Social Science & Medicine. 2024;366117603.

Zimmermann-Schlegel V, Gronewold N, Stengel S, Hartmann M, Merle U, Friederich H-C, et al. **Outpatient group therapy for post-COVID patients - a naturalistic feasibility study of a face-to-face and online group concept**. Frontiers in psychiatry. 2024;151500210.

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

Datta BK, Fazlul I, Khan MM. Long COVID and financial hardship: A disaggregated analysis at income and education levels. Health Services Research. 2024.

Nagra G, Ezeugwu VE, Bostick GP, Branton E, Dennett L, Drake K, et al. Return-towork for People Living with Long COVID: A Scoping Review of Interventions and Recommendations. medRxiv. 2024, [Pre-print, not yet peer reviewed]. Pham A, Smith J, Card KG, Byers KA, Khor E. **Exploring social determinants of health and their impacts on self-reported quality of life in long COVID-19 patients**. Scientific Reports. 2024;14(1)30410.

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Vahratian A, Saydah S, Bertolli J, Unger ER, Gregory CO. **Prevalence of Post-COVID-19 Condition and Activity-Limiting Post-COVID-19 Condition Among Adults**. JAMA network open. 2024;7(12)e2451151.

Zalaquett N, Lutchman K, Iliaki E, Buley J, Nathan N, Sotos Prieto M, et al. Findings Associated With Prolonged COVID-19 Recovery Among Boston Healthcare Workers. Journal of Occupational and Environmental Medicine. 2024;66(12)962–9.

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

Health Service Executive (HSE – Ireland). Examining the long-term impact of acute COVID-19 disease: Findings from the Follow-up After Disease Acquisition (FADA) Survey. Published December 2024.

Investigating the prevalence of long COVID in Scotland. Published 10 September 2024.

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