



Research Alert: Long-COVID

24/07/2024

Produced by [UKHSA Knowledge and Library Services](#) on behalf of the Long-COVID team, this is a weekly bulletin highlighting articles about long-COVID. The purpose of this alert is to provide you with the latest, best evidence to help you make informed decisions.

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- [Long-COVID Medline](#)

Long-COVID Embase

1. Persistence of lung structural and functional alterations at one year post-COVID-19 is associated with increased serum PD-L2 levels and altered CD4/CD8 ratio

23-07-2024 - Ovid

Author Names: Buendia-Roldan I.,Martinez-Espinosa K.,Aguirre M.-J.,Aguilar-Duran H.,Palma-Lopez A.,Palacios Y.,Ruiz A.,Ramon-Luing L.A.,Ocana-Guzman R.,Perez-Rubio G.,Falfan-Valencia R.,Selman M.,Chavez-Galan L. Database Source: Embase Daily Updates Journal Title:

Immunity, Inflammation and Disease Article Title: Persistence of lung structural and functional alterations at one year ... [Read more...](#)

2. Differential decline of SARS-CoV-2-specific antibody levels, innate and adaptive immune cells, and shift of Th1/inflammatory to Th2 serum cytokine levels long after first COVID-19

20-07-2024 - Ovid

Author Names: Kratzer B., Gattinger P., Trapin D., Ettel P., Kormoczi U., Rottal A., Stieger R.B., Sehgal A.N.A., Feichter M., Borochova K., Tulaeva I., Grabmeier-Pfistershammer K., Tauber P.A., Perkmann T., Fae I., Wenda S., Kundi M., Fischer G.F., Valenta R., Pickl W.F. Database Source: Embase Weekly Updates Journal Title: Allergy: European Journal of Allergy and Clinical Immunology, ... [Read more...](#)

3. Time to transfer: Long-term effects of a sustained and spiraled content literacy intervention in the elementary grades

20-07-2024 - Ovid

Author Names: Kim J.S., Gilbert J.B., Relyea J.E., Rich P., Scherer E., Burkhauser M.A., Tvedt J.N. Database Source: Embase Weekly Updates Journal Title: Developmental psychology Article Title: Time to transfer: Long-term effects of a sustained and spiraled content literacy intervention in the elementary grades Year: 2024 Issue: 7 Volume: 60 Abstract: We investigated the effectiveness of a ... [Read more...](#)

4. Clinical and Physiological Variables in Patients with Post-COVID-19 Condition and Persistent Fatigue

20-07-2024 - Ovid

Author Names: Santos M., Dorna M., Franco E., Geronutti J., Brizola L., Ishimoto L., Barros Y., Costa A., Breda C., Marin C., Suetake F., Azevedo P., Paiva S.D., Tanni S., Prudente R. Database Source: Embase Weekly Updates Journal Title: Journal of Clinical Medicine, Journal of Clinical Medicine Article Title: Clinical and Physiological Variables in Patients with Post-COVID-19 Condition and Persistent ... [Read more...](#)

5. Increasing Prevalence of Voice Disorders in the USA: Updates in the COVID Era

20-07-2024 - Ovid

Author Names: Naunheim M.R., DeVore E.K., Huston M.N., Song P.C., Franco R.A., Bhattacharyya N. Database Source: Embase Weekly Updates Journal Title: Laryngoscope, Laryngoscope Article Title: Increasing Prevalence of Voice Disorders in the USA: Updates in the COVID Era Year: 2024 Issue: 8 Volume: 134 Abstract: Objective: To estimate the current prevalence of voice disorders among adults in the ... [Read more...](#)

6. Understanding the etiology of mental health problems in post-rehabilitation COVID-19 patients: Insights and strategies for effective intervention

20-07-2024 - Ovid

Author Names: Hu H.-S., Sun B.-Q. Database Source: Embase Daily Updates Journal Title: World Journal of Clinical Cases Article Title: Understanding the etiology of mental health problems in post-rehabilitation COVID-19 patients: Insights and strategies for effective intervention Year: 2024 Issue: 23 Volume: 12 Abstract: In this editorial, we comment on an article by Alhammad et al that was ... [Read more...](#)

7. Cognitive functioning in patients with neuro-PASC: the role of fatigue, mood, and hospitalization status

20-07-2024 - Ovid

Author Names: Cahan J.,Finley J.-C.A.,Cotton E.,Orban Z.S.,Jimenez M.,Weintraub S.,Sorets T.,Koralnik I.J. Database Source: Embase Weekly Updates Journal Title: Frontiers in Neurology,Frontiers in Neurology Article Title: Cognitive functioning in patients with neuro-PASC: the role of fatigue, mood, and hospitalization status Year: 2024 Issue: Volume: 15 Abstract: This study sought to ... [Read more...](#)

8. Anti-racism, Heterosexism, and Transphobia: Strategies for Adolescent Health Promotion Post-Coronavirus Disease 2019

20-07-2024 - Ovid

Author Names: Thurston I.B.,Fix R.L.,Getzoff Testa E. Database Source: Embase Weekly Updates Journal Title: Pediatric Clinics of North America,Pediatric Clinics of North America Article Title: Anti-racism, Heterosexism, and Transphobia: Strategies for Adolescent Health Promotion Post-Coronavirus Disease 2019 Year: 2024 Issue: 4 Volume: 71 Abstract: [Read more...](#)

9. Effectiveness of telerehabilitation in patients with post-COVID-19: A systematic review and meta-analysis of randomised controlled trials

20-07-2024 - Ovid

Author Names: Yang J.,Li H.,Zhao H.,Xie Y.,Li J.,Wang M. Database Source: Embase Weekly Updates Journal Title: BMJ Open,BMJ Open Article Title: Effectiveness of telerehabilitation in patients with post-COVID-19: A systematic review and meta-analysis of randomised controlled trials Year: 2024 Issue: 7 Volume: 14 Abstract: Objective To assess the effects of telerehabilitation on clinical ... [Read more...](#)

10. SARS-CoV-2 antibody levels and long COVID occurrence in blood donors

20-07-2024 - Ovid

Author Names: Avelino-Silva V.I.,Bruhn R.,Zurita K.G.,Deng X.,Yu E.A.,Grebe E.,Stone M.,Lanteri M.C.,Spencer B.R.,Busch M.P.,Custer B. Database Source: Embase Weekly Updates Journal Title: Transfusion,Transfusion Article Title: SARS-CoV-2 antibody levels and long COVID occurrence in blood donors Year: 2024 Issue: Volume: Abstract: Background: Long COVID is a common condition lacking consensus ... [Read more...](#)

11. Post-Acute Sequelae of SARS-CoV-2 Infection and Its Impact on Adolescents and Young Adults

20-07-2024 - Ovid

Author Names: Broussard C.A.,Azola A.,Rowe P.C. Database Source: Embase Weekly Updates Journal Title: Pediatric Clinics of North America,Pediatric Clinics of North America Article Title: Post-Acute Sequelae of SARS-CoV-2 Infection and Its Impact on Adolescents and Young Adults Year: 2024 Issue: 4 Volume: 71 Abstract: [Read more...](#)

12. Physical Health in Patients with Post-COVID-19 6 and 12 Months after an Inpatient Rehabilitation: An Observational Study

20-07-2024 - Ovid

Author Names: Muller K.,Ottiger M.,Poppelle I.,Wastlhuber A.,Stegbauer M.,Schlesinger T. Database Source: Embase Weekly Updates Journal Title: Journal of Clinical Medicine,Journal of Clinical Medicine Article Title: Physical Health in Patients with Post-COVID-19 6 and 12 Months after an Inpatient Rehabilitation: An Observational Study Year: 2024 Issue: 13 Volume: 13 Abstract: Background: ... [Read more...](#)

13. Mechanical thrombectomy for acute ischemic stroke in COVID-19 patients: multicenter experience in 111 cases

20-07-2024 - Ovid

Author Names: Styczen H.,Maus V.,Goertz L.,Kohrmann M.,Kleinschnitz C.,Fischer S.,Mohlenbruch M.,Muhlen I.,Kallmunzer B.,Dorn F.,Lakghomi A.,Gawlitza M.,Kaiser D.,Klisch J.,Lobsien D.,Rohde S.,Ellrichmann G.,Behme D.,Thormann M.,Flottmann F.,Winkelmeier L.,Gizewski E.R.,Mayer-Suess L.,Boeckh-Behrens T.,Riederer I.,Klingebiel R.,Berger B.,Schlunz-Hendann M.,Grieb D.,Khanafar A. [Read more...](#)

14. Baseline socioeconomic status predicting post-COVID-19 symptoms: Results from Isfahan COVID Cohort (ICC) study

20-07-2024 - Ovid

Author Names: Rabiee Rad M.,Abbasi M.,Salimian E.,Norouzi M.,Emamjomeh A.,Haghighatdoost F.,Mahmoudi S.,Najafian J.,Masoudi S.,Ghasempour Dabaghi G.,Mohammadifard N.,Sarrafzadegan N. Database Source: Embase Weekly Updates Journal Title: Preventive Medicine Reports Article Title: Baseline socioeconomic status predicting post-COVID-19 symptoms: Results from Isfahan COVID Cohort (ICC) study ... [Read more...](#)

15. COVID-19-Associated Cerebellitis: A Case Report and Rehabilitation Outcome

20-07-2024 - Ovid

Author Names: Tedeschi R.,Amoruso V.,Boetto V.,Glorioso D.,D'Auria L.,Donati D. Database Source: Embase Weekly Updates Journal Title: Cerebellum,Cerebellum Article Title: COVID-19-Associated Cerebellitis: A Case Report and Rehabilitation Outcome Year: 2024 Issue: Volume: Abstract: Introduction. The COVID-19 pandemic has brought attention to neurological complications, including cerebellitis, ... [Read more...](#)

16. Deaths related to post-COVID in Italy: a national study based on death certificates

20-07-2024 - Ovid

Author Names: Grippo F.,Minelli G.,Crales R.,Marchetti S.,Pricci F.,Onder G. Database Source: Embase Daily Updates Journal Title: Frontiers in Medicine Article Title: Deaths related to post-COVID in Italy: a national study based on death certificates Year: 2024 Issue: Volume: 11 Abstract: Introduction: SARS-CoV-2 infection has been associated with the onset or persistence of symptoms in the ... [Read more...](#)

17. Rehabilitation Interventions for Physical Capacity and Quality of Life in Adults With Post-COVID-19 Condition A Systematic Review and Meta-Analysis

20-07-2024 - Ovid

Author Names: Pouliopoulou D.V.,Macdermid J.C.,Saunders E.,Peters S.,Brunton L.,Miller E.,Quinn K.L.,Pereira T.V.,Bobos P. Database Source: Embase Weekly Updates Journal Title: JAMA Network Open Article Title: Rehabilitation Interventions for Physical Capacity and Quality of Life in Adults With Post-COVID-19 Condition A Systematic Review and Meta-Analysis Year: 2023 Issue: 9 Volume: 6 ... [Read more...](#)

18. The importance of post-COVID condition phenotypes characterization to decipher the mechanisms underlying this post-viral syndrome

20-07-2024 - Ovid

Author Names: Izquierdo-Pujol J.,Moron-Lopez S. Database Source: Embase Weekly Updates Journal Title: World Journal of Pediatrics,World Journal of Pediatrics Article Title: The importance of post-COVID condition phenotypes characterization to decipher the mechanisms underlying this post-viral syndrome Year: 2024 Issue: 6 Volume: 20 Abstract: [Read more...](#)

19. Cardiac rehabilitation in children and adolescents with long QT syndrome: the RYTHMO'FIT pilot study

20-07-2024 - Ovid

Author Names: Souilla L.,Guillaumont S.,Auer A.,Metzler G.,Requirand A.,Vincenti M.,De La Villeon G.,Pasquie J.-L.,Mottet D.,Amedro P. Database Source: Embase Weekly Updates Journal Title: BMC Sports Science, Medicine and Rehabilitation Article Title: Cardiac rehabilitation in children and adolescents with long QT syndrome: the RYTHMO'FIT pilot study Year: 2024 Issue: 1 Volume: 16 Abstract: ... [Read more...](#)

20. Long Term Mishap of Respiratory Diseases for COVID-19 A Pragmatic View

20-07-2024 - Ovid

Author Names: Haque Md.E.,Talukder R.M.,Masum Md.,Maksud S.I.,Khanam J.,Hossain Md.S.,Reza A. Database Source: Embase Weekly Updates Journal Title: European Journal of Cardiovascular Medicine,European Journal of Cardiovascular Medicine Article Title: Long Term Mishap of Respiratory Diseases for COVID-19 A Pragmatic View Year: 2023 Issue: 1 Volume: 13 Abstract: Introduction: Coronavirus ... [Read more...](#)

21. Effect of Activated Charcoal on Mavacamten Pharmacokinetics in Healthy Participants

20-07-2024 - Ovid

Author Names: Merali S.,Chiang M.,Sychterz C.,Chao L.,Simmons T.,Xu Y.,Zhao A.,Attanasio M.,Murthy B.,Perera V. Database Source: Embase Weekly Updates Journal Title: American Journal of Cardiovascular Drugs,American Journal of Cardiovascular Drugs Article Title: Effect of Activated Charcoal on Mavacamten Pharmacokinetics in Healthy Participants Year: 2024 Issue: 4 Volume: 24 Abstract: ... [Read more...](#)

22. COVID-19 disease detection using attention based Bi-Directional capsule network model

20-07-2024 - Ovid

Author Names: Sukumar Makkapati S.,Nagamalleswara Rao N. Database Source: Embase Weekly Updates Journal Title: Biomedical Signal Processing and Control,Biomedical Signal Processing and Control Article Title: COVID-19 disease detection using attention based Bi-Directional capsule network model Year: 2024 Issue: Volume: 96 Abstract: In recent years, coronavirus disease 2019 (COVID-19) has been ... [Read more...](#)

23. The correlation between serum levels of laminin, type IV collagen, type III procollagen N-terminal peptide and hyaluronic acid with the progression of post-COVID-19 pulmonary fibrosis

20-07-2024 - Ovid

Author Names: Yu D.,Yin G.,Lei J.,Gong Y.,Zheng L.,He D.,Lei L.,Sun L. Database Source: Embase Weekly Updates Journal Title: Frontiers in Cell and Developmental Biology Article Title: The correlation between serum levels of laminin, type IV collagen, type III procollagen N-terminal peptide and hyaluronic acid with the progression of post-COVID-19 pulmonary fibrosis Year: 2024 Issue: Volume: ... [Read more...](#)

24. Prevalence, risk factors, and impact of long COVID in a socially vulnerable community in Brazil: a prospective cohort study

20-07-2024 - Ovid

Author Names: Azambuja P.,Bastos L.S.L.,Batista-da-Silva A.A.,Ramos G.V.,Kurtz P.,Dias C.M.C.,da Silva E.P.,Arouca L.E.,Soares J.,Sejvar J.J.,Sigfrid L.,Ranzani O.T.,Hamacher S.,Bozza F.A. Database Source: Embase Weekly Updates Journal Title: The Lancet Regional Health - Americas Article Title: Prevalence, risk factors, and impact of long COVID in a socially vulnerable community in Brazil: a ... [Read more...](#)

25. Postintensive care syndrome in patients and family members. Analysis of COVID-19 and non-COVID-19 cohorts, with face-to-face follow-up at three months and one year

20-07-2024 - Ovid

Author Names: Gimenez-Esparza Vich C., Oliver Hurtado B., Relucio Martinez M.A., Sanchez Pino S., Portillo Requena C., Simon Simon J.D., Perez Gomez I.M., Andrade Rodado F.M., Laghzaoui Harbouli F., Sotos Solano F.J., Montenegro Moure C.A., Carrillo Alcaraz A. Database Source: Embase Weekly Updates Journal Title: Medicina Intensiva, Medicina Intensiva Article Title: Postintensive care syndrome in ... [Read more...](#)

26. Ensuring People Living with HIV Inform the Future of HIV Treatment in Low- and Middle-Income Countries: A Scoping Review and Recommendations for a Community-Led Research Agenda

20-07-2024 - Ovid

Author Names: Resar D.F., Sapire R., Caldwell B., Jenkins S., Sikwese K., Wambui J., Nzano B., Amole C. Database Source: Embase Weekly Updates Journal Title: AIDS and behavior Article Title: Ensuring People Living with HIV Inform the Future of HIV Treatment in Low- and Middle-Income Countries: A Scoping Review and Recommendations for a Community-Led Research Agenda Year: 2024 Issue: Volume: ... [Read more...](#)

27. The pharmacists' interventions after a Drug and Therapeutics Committee (DTC) establishment during the COVID-19 pandemic

20-07-2024 - Ovid

Author Names: Kassem A.B., Al Meslamani A.Z., Elmaghraby D.H., Magdy Y., AbdElrahman M., Hamdan A.M.E., Mohamed Moustafa H.A. Database Source: Embase Weekly Updates Journal Title: Journal of Pharmaceutical Policy and Practice, Journal of Pharmaceutical Policy and Practice Article Title: The pharmacists' interventions after a Drug and Therapeutics Committee (DTC) establishment during the COVID-19 ... [Read more...](#)

28. Impacts of the COVID-19 lockdown on self-reported mood and self-rated health of community-dwelling adults with chronic illness

20-07-2024 - Ovid

Author Names: Cheung G., Rivera-Rodriguez C., Ryan B., Ruiz A.M., Ma'u E., Bissielo A., Meehan B., Burholt V. Database Source: Embase Weekly Updates Journal Title: New Zealand Medical Journal, New Zealand Medical Journal Article Title: Impacts of the COVID-19 lockdown on self-reported mood and self-rated health of community-dwelling adults with chronic illness Year: 2023 Issue: 1572 Volume: 136 ... [Read more...](#)

29. Lessons Learned in Implementing a Multidisciplinary Long COVID Clinic

20-07-2024 - Ovid

Author Names: Palacio A., Bast E., Klimas N., Tamariz L. Database Source: Embase Weekly Updates Journal Title: American Journal of Medicine, American Journal of Medicine Article Title: Lessons Learned in Implementing a Multidisciplinary Long COVID Clinic Year: 2024 Issue: Volume: Abstract: The diagnosis and treatment of long COVID patients is challenging. Our aim is to share lessons learned using ... [Read more...](#)

30. Do rheumatic diseases, long-term glucocorticoids, and immunosuppressant treatment, and vaccination impact the COVID-19 severity? Insight from a retrospective cohort study

20-07-2024 - Ovid

Author Names: Ma Y.,Wei C.,Yi Z.,Song Z.,Cheng Y.,Zeng L.,Zhao R.,Mu R. Database Source: Embase Weekly Updates Journal Title: International Journal of Rheumatic Diseases,International Journal of Rheumatic Diseases Article Title: Do rheumatic diseases, long-term glucocorticoids, and immunosuppressant treatment, and vaccination impact the COVID-19 severity? Insight from a retrospective cohort ... [Read more...](#)

31. Association between fatigue and depressive symptoms in persons with post-COVID-19 condition: a post hoc analysis

20-07-2024 - Ovid

Author Names: Teopiz K.M.,Kwan A.T.H.,Le G.H.,Guo Z.,Badulescu S.,Ceban F.,Meshkat S.,Di Vincenzo J.D.,d'Andrea G.,Cao B.,Ho R.,Rhee T.G.,Dev D.A.,Phan L.,Subramaniapillai M.,Mansur R.B.,Rosenblat J.D.,McIntyre R.S. Database Source: Embase Weekly Updates Journal Title: Current Medical Research and Opinion,Current Medical Research and Opinion Article Title: Association between fatigue and ... [Read more...](#)

32. Functional outcome after interdisciplinary, acute rehabilitation in COVID-19 patients: a retrospective study

20-07-2024 - Ovid

Author Names: Elmer N.,Reisshauer A.,Brehm K.,Drebinger D.,Schaller S.J.,Schwedtke C.,Liebl M.E. Database Source: Embase Daily Updates Journal Title: European Archives of Psychiatry and Clinical Neuroscience,European Archives of Psychiatry and Clinical Neuroscience Article Title: Functional outcome after interdisciplinary, acute rehabilitation in COVID-19 patients: a retrospective study Year: ... [Read more...](#)

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Long-COVID Medline

1. Working knowledge, uncertainty and ontological politics: An ethnography of UK long covid clinics.

23-07-2024 - Ovid

Author Names: Greenhalgh T,Darbyshire J,Ladds E, Van Dael J,Rayner C Database Source: Ovid MEDLINE(R) Epub Ahead of Print Journal Title: Sociology of Health & Illness Article Title: Working knowledge, uncertainty and ontological politics: An ethnography of UK long covid clinics. Year: 2024 Issue: Volume: Abstract: Long covid (persistent COVID-19) is a new disease with contested aetiology and ... [Read more...](#)

2. A year-long case study of multicomponent interventions to promote physical activity in office workers: A randomized control trial.

20-07-2024 - Ovid

Author Names: Gonzales A,Lin JH,Cha JS Database Source: Ovid MEDLINE(R) Daily Update Journal Title: Applied Ergonomics Article Title: A year-long case study of multicomponent interventions to promote physical activity in office workers: A randomized control trial. Year: 2024 Issue: Volume: 120 Abstract: The purpose of this study was to identify if workplace interventions, (i.e. [Read more...](#)

3. Impact of COVID-19 on work loss in the United States- A retrospective database analysis.

19-07-2024 - Ovid

Author Names: Judy J,Yehoshua A,Gouveia-Pisano J,Brook RA,Kleinman NL,Drnach AA,Rosenberg EM,Ghanjanasak T,Winter DA,Dai F,Escobar JM,Sell H Database Source: Ovid MEDLINE(R) Daily Update Journal Title: Journal of Medical Economics Article Title: Impact of

COVID-19 on work loss in the United States- A retrospective database analysis. Year: 2024 Issue: 1 Volume: 27 Abstract: OBJECTIVES: This ... [Read more...](#)

4. Long-COVID autonomic syndrome in working age and work ability impairment.

19-07-2024 - Ovid

Author Names: Rinaldi L,Rigo S,Pani M,Bisoglio A,Khalaf K,Minonzio M,Shiffer D,Romeo MA,Verzeletti P,Ciccarelli M,Bordoni MG,Stranges S,Riboli E,Furlan R,Barbic F Database Source: Ovid MEDLINE(R) Daily Update Journal Title: Scientific Reports Article Title: Long-COVID autonomic syndrome in working age and work ability impairment. Year: 2024 Issue: 1 Volume: 14 Abstract: Long-COVID19 has been ... [Read more...](#)

5. Life-Space of Older Adults after Discharge from Skilled Nursing Facilities.

18-07-2024 - Ovid

Author Names: Bankole AO,Zhang Y,Hu D,Preisser JS,Colon-Emeric C,Toles M Database Source: Ovid MEDLINE(R) Journal Title: Journal of the American Medical Directors Association Article Title: Life-Space of Older Adults after Discharge from Skilled Nursing Facilities. Year: 2024 Issue: 7 Volume: 25 Abstract: OBJECTIVES: Describe (1) patient or caregiver perceptions of physical function in 30 ... [Read more...](#)

6. Immigrant and Racialized Populations' Cumulative Exposure to Discrimination and Associations with Long-Term Conditions During COVID-19: A Nationwide Large-Scale Study in Canada.

18-07-2024 - Ovid

Author Names: Lin SL Database Source: Ovid MEDLINE(R) Epub Ahead of Print Journal Title: Journal of Racial & Ethnic Health Disparities Article Title: Immigrant and Racialized Populations' Cumulative Exposure to Discrimination and Associations with Long-Term Conditions During COVID-19: A Nationwide Large-Scale Study in Canada. Year: 2024 Issue: Volume: Abstract: BACKGROUND: This ... [Read more...](#)

7. Time to transfer: Long-term effects of a sustained and spiraled content literacy intervention in the elementary grades.

18-07-2024 - Ovid

Author Names: Kim JS,Gilbert JB,Relyea JE,Rich P,Scherer E,Burkhauser MA,Tvedt JN Database Source: Ovid MEDLINE(R) Journal Title: Developmental Psychology Article Title: Time to transfer: Long-term effects of a sustained and spiraled content literacy intervention in the elementary grades. Year: 2024 Issue: 7 Volume: 60 Abstract: We investigated the effectiveness of a sustained and spiraled ... [Read more...](#)

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