



## Research Alert: Long-COVID

10/01/2024

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 (Sources)

[Unexpected CD4 decay, hidden adherence gaps, resilience, and the need for long-acting therapy in a single HIV outpatients' cohort](#)

Author Names: Mariani C.,Borgonovo F.,Gerbi M.,Rizzardini G.,Capetti A.F. Database Source: Embase Daily Updates Journal Title: AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV,AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV Article Title: Unexpected CD4 decay, hidden adherence gaps, resilience, and the need for long-acting therapy in a single HIV outpatients'

[Factors Influencing Influenza and COVID-19 Vaccine Decision-Making in the Post-ICU Period: A Secondary Analysis.](#)

Author Names: Carter SJ,Lauderdale J,Stollings JL,Sevin CM,Cunningham-Erves J,Kokoy S,Clouse K,Boehm LM Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <January 08, 2024> Journal Title: CHEST Critical Care Article Title: Factors Influencing

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Influenza and COVID-19 Vaccine Decision-Making in the Post-ICU Period: A Secondary Analysis

**Adaptation and validation of the PAC-19QoL-specific quality of life questionnaire for the Spanish population with long COVID**

Author Names: Marcilla-Toribio I.,Martinez-Andres M.,Moratalla-Cebrian M.L.,Jandhyala R.,Femi-Ajao O.,Galan-Moya E.M. Database Source: Embase Weekly Updates Journal Title: Current Medical Research and Opinion,Current Medical Research and Opinion Article Title: Adaptation and validation of the PAC-19QoL-specific quality of life questionnaire for the Spanish population with long COVID Year:

**Association of long COVID with housing insecurity in the United States, 2022-2023**

Author Names: Packard S.E.,Susser E. Database Source: Embase Daily Updates Journal Title: SSM - Population Health Article Title: Association of long COVID with housing insecurity in the United States, 2022-2023 Year: 2024 Issue: Volume: 25 Abstract: Objectives: To assess the association of Long COVID with housing insecurity in the United States

**Diabetes and Multiple Long-term Conditions: A Review of Our Current Global Health Challenge**

Author Names: Khunti K.,Chudasama Y.V.,Gregg E.W.,Kamkuemah M.,Misra S.,Suls J.,Venkateshmurthy N.S.,Valabhji J. Database Source: Embase Weekly Updates Journal Title: Diabetes Care,Diabetes Care Article Title: Diabetes and Multiple Long-term Conditions: A Review of Our Current Global Health Challenge Year: 2023 Issue: 12 Volume: 46 Abstract: Use of effective treatments and

**The role of multimorbidity and socio-economic characteristics as potential risk factors for Long Covid: Evidence from the multilevel analysis of the Survey of Health, Ageing and Retirement in Europe's corona surveys (2020-2021)**

Author Names: Wilk P.,Moran V.,Alperin M.N.P.,Bohn T.,Fagherazzi G.,Zeegers M.P.,Ruiz-Castell M. Database Source: Embase Weekly Updates Journal Title: Age and Ageing,Age and Ageing Article Title: The role of multimorbidity and socio-economic characteristics as potential risk factors for Long Covid: Evidence from the multilevel analysis of the Survey of Health, Ageing and Retirement in

**Understanding caregivers' decision to vaccinate childhood cancer survivors against COVID-19**

Author Names: Ilic A.,Haardoerfer R.,Michel G.,Escoffery C.,Mertens A.C.,Marchak J.G. Database Source: Embase Weekly Updates Journal Title: Cancer Medicine,Cancer Medicine Article Title: Understanding caregivers' decision to vaccinate childhood cancer survivors against COVID-19 Year: 2023 Issue: 23 Volume: 12 Abstract: Background: Vaccination against COVID-19 is recommended for

**One-Year Follow-Up Results of MIS-C Patients with Coronary Artery Involvement: A Multi-center Study**

Author Names: Baykan A.,Kum Y.E.,Yilmazer M.M.,Varan C.,Yakut K.,Sert A.,Oztunc F.,Oncul M.,Uc D.,Baspinar O.,Pamukcu O.,Murat M.,Tanidir I.C.,Alkan G.,Murt N.U.,Akin A.,Karakurt C.,Sahin D.A.,Dogan A.,Duman D.,Ozturk E.,Coskun Y.I.,Ture M.,Temel M.T.,Elkiran O

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### Neuropsychological Rehabilitation Improves Memory and Action Naming in Patients With Post-COVID-19 Syndrome

Author Names: Herrera E.,Blanco C.,Alvarez-Mundinano B.,Gonzalez-Nosti M. Database Source: Embase Weekly Updates Journal Title: American journal of speech-language pathology Article Title: Neuropsychological Rehabilitation Improves Memory and Action Naming in Patients With Post-COVID-19 Syndrome Year: 2023 Issue: Volume: Abstract: PURPOSE: Post-COVID-19 syndrome (PCS-19) is a

### Providing prevention, diagnosis, and treatment of patients after COVID-19 using artificial intelligence

Author Names: Ruzicky E.,Sramka M.,Lacko J.,Masan J.,Rottermund J.,Krcmery V. Database Source: Embase Weekly Updates Journal Title: Neuroendocrinology Letters,Neuroendocrinology Letters Article Title: Providing prevention, diagnosis, and treatment of patients after COVID-19 using artificial intelligence Year: 2022 Issue: 1 Volume: 43 Abstract: OBJECTIVE: The aim of this research was

### CT features of acute COVID-19 and long-term follow-up

Author Names: Bailey G.L.,Copley S.J. Database Source: Embase Weekly Updates Journal Title: Clinical Radiology,Clinical Radiology Article Title: CT features of acute COVID-19 and long-term follow-up Year: 2024 Issue: 1 Volume: 79 Abstract: Since the first few cases of pneumonia attributed to infection with the highly contagious novel coronavirus 2 (SARs-CoV-2) were detected in

### Autonomic Manifestations of Long-COVID Syndrome

Author Names: Hira R.,Karalasingham K.,Baker J.R.,Raj S.R. Database Source: Embase Weekly Updates Journal Title: Current Neurology and Neuroscience Reports,Current Neurology and Neuroscience Reports Article Title: Autonomic Manifestations of Long-COVID Syndrome Year: 2023 Issue: 12 Volume: 23 Abstract: Purpose of Review: Long-COVID is a novel condition emerging from the COVID-19

### Persistent intracranial hyper-inflammation in ruptured cerebral aneurysm after COVID-19: case report and review of the literature

Author Names: Chong P.F.,Higashi K.,Matsuoka W.,Arimura K.,Sangatsuda Y.,Iwaki K.,Sonoda Y.,Ichimiya Y.,Kamori A.,Kawakami A.,Mizuguchi S.,Kaku N.,Sakai Y.,Ohga S. Database Source: Embase Daily Updates Journal Title: BMC Neurology,BMC Neurology Article Title: Persistent intracranial hyper-inflammation in ruptured cerebral aneurysm after COVID-19: case report and review of the literature

### Effectiveness and Safety of Switching from Intravenous to Subcutaneous Vedolizumab Formulation in Inflammatory Bowel Disease Patients in Clinical Remission

Author Names: Parisio L.,Settanni C.R.,Varca S.,Laterza L.,Lopetuso L.R.,Napolitano D.,Schiavoni E.,Turchini L.,Fanali C.,Alfieri N.,Pizzoferrato M.,Papa A.,Pafundi P.C.,Armuzzi A.,Gasbarrini A.,Pugliese D.,Scalaferrri F

### Advances in Peritoneal Dialysis in Acute Kidney Injury

Author Names: Ponce D.,Zamoner W.,Dias D.B.,Banin V.,Balbi A.L. Database Source: Embase Daily Updates Journal Title: Revista de investigacion clinica; organo del Hospital de Enfermedades de la Nutricion Article Title: Advances in Peritoneal Dialysis in Acute Kidney Injury Year: 2023 Issue: 6 Volume: 75 Abstract: UNASSIGNED: In the 1970s, acute peritoneal dialysis (PD) was widely

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### Memory, Emotion, and Quality of Life in Patients with Long COVID-19

Author Names: Espinar-Herranz K., Delgado-Lima A.H., Villatoro B.S., Garaboa E.M., Gomez V.S., Vides L.G., Bouhaben J., Delgado-Losada M.L. Database Source: Embase Weekly Updates Journal Title: Brain Sciences, Brain Sciences Article Title: Memory, Emotion, and Quality of Life in Patients with Long COVID-19 Year: 2023 Issue: 12 Volume: 13 Abstract: (1) Background: Persistent COVID is

### Prospects and challenges of online pharmacy in post-Covid world: A qualitative study of pharmacists' experiences in Ghana

Author Names: Eab-Aggrey N., Khan S. Database Source: Embase Weekly Updates Journal Title: Exploratory Research in Clinical and Social Pharmacy Article Title: Prospects and challenges of online pharmacy in post-Covid world: A qualitative study of pharmacists' experiences in Ghana Year: 2024 Issue: Volume: 13 Abstract: Background: Online pharmacies continue to grow worldwide,

### Clinical features of pneumothorax associated with COVID-19: A retrospective analysis of two centres

Author Names: Fujita K., Iwata T., Kanai O., Hata H., Tanaka H., Imakita T., Oi I., Odagaki T., Aoyama A., Sawai S., Mio T. Database Source: Embase Weekly Updates Journal Title: Respiratory Investigation, Respiratory Investigation Article Title: Clinical features of pneumothorax associated with COVID-19: A retrospective analysis of two centres Year: 2024 Issue: 1 Volume: 62 Abstract:

### Long COVID neuropsychological follow-up: Is cognitive rehabilitation relevant?

Author Names: Braga L.W., Oliveira S.B., Moreira A.S., da Silva Martins Pereira M.E.M., Serio A.S.S., da Silva Carneiro V., de Figueiredo Pereira Freitas L., do Nascimento Souza L.M. Database Source: Embase Weekly Updates Journal Title: NeuroRehabilitation, NeuroRehabilitation Article Title: Long COVID neuropsychological follow-up: Is cognitive rehabilitation relevant? Year: 2023 Issue: 4

### Trends in utilisation of palliative care services in COVID-19 patients and their impact on hospital resources in the USA: insights from the national inpatient sample

Author Names: Garg I., Gangu K., Zabel K.M., Shuja H., Sohail A.H., Nasrullah A., Sohail S., Combs S.A., Sheikh A.B. Database Source: Embase Weekly Updates Journal Title: BMJ supportive & palliative care Article Title: Trends in utilisation of palliative care services in COVID-19 patients and their impact on hospital resources in the USA: insights from the national inpatient sample Year: 2023

### SARS-CoV-2 infection following booster vaccination: Illness and symptom profile in a prospective, observational community-based case-control study

Author Names: Antonelli M., Penfold R.S., Canas L.D.S., Sudre C., Rjoob K., Murray B., Molteni E., Kerfoot E., Cheetham N., Pujol J.C., Polidori L., May A., Wolf J., Modat M., Spector T., Hammers A., Ourselin S., Steves C

### Long-term effects of extreme smoke exposure on COVID-19: A cohort study

Author Names: Lane T.J., Carroll M., Borg B.M., McCaffrey T.A., Smith C.L., Gao C.X., Brown D., Poland D., Allgood S., Ikin J., Abramson M.J. Database Source: Embase Weekly Updates Journal Title: Respiriology, Respiriology Article Title: Long-term effects of extreme smoke exposure on COVID-19: A cohort study Year: 2024 Issue: 1 Volume: 29 Abstract: Background: In 2014, the Hazelwood coalmine

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### Long COVID in Nursing Home Residents Manifests as Functional Decline.

Author Names: Harris E Database Source: Ovid MEDLINE(R) Daily Update <January 05, 2024> Journal Title: JAMA Article Title: Long COVID in Nursing Home Residents Manifests as Functional Decline. Year: 2024 Issue: 1 Volume: 331 Abstract:

### Long-term Pain Symptomatology in PICU Survivors Aged 8-18 Years

Author Names: Holley A.L., Battison E.A.J., Heierle J., Clohessy D., Wesemann D., Hall T., Orwoll B., Wilson A.C., Williams C. Database Source: Embase Daily Updates Journal Title: Hospital Pediatrics, Hospital Pediatrics Article Title: Long-term Pain Symptomatology in PICU Survivors Aged 8-18 Years Year: 2023 Issue: 7 Volume: 13 Abstract: BACKGROUND AND OBJECTIVES: Children discharged from

### Strategic human resource management practitioners' emotional intelligence and affective organizational commitment in higher education institutions in Georgia during post-COVID-19

Author Names: Anvari R., Kumpikaite-Valiuniene V., Mobarhan R., Janjaria M., Chermahini S.H. Database Source: Embase Weekly Updates Journal Title: PLoS ONE, PLoS ONE Article Title: Strategic human resource management practitioners' emotional intelligence and affective organizational commitment in higher education institutions in Georgia during post-COVID-19 Year: 2023 Issue: 12 December

### Gastrointestinal Manifestations and Their Association with Neurologic and Sleep Problems in Long COVID-19 Minority Patients: A Prospective Follow-Up Study

Author Names: Ashktorab H., Challa S.R., Singh G., Nanduri S., Ibrahim M., Martirosyan Z., Whitsell P., Chirumamilla L.G., Shayegh N., Watson K., Smith T., Ogwo V., Kolawole O., Littleton M., Morrison N., Nair V., Byer D., Dawodu D.O., Lexima P., Rashid M., Deverapalli M., Atluri S.M., Nezamloo A., Nasrin F., Kim R.J.-A., Sherif Z., Oskrochi G., Carethers J.M., Brim H

### Neutralizing Immunity Against Antigenically Advanced Omicron BA.5 in Children After SARS-CoV-2 Infection

Author Names: Belongia E.A., Petrie J.G., Feldstein L.R., Guan L., Halfmann P.J., King J.P., Neumann G., Pattinson D., Rolfes M.A., McLean H.Q., Kawaoka Y. Database Source: Embase Weekly Updates Journal Title: Journal of the Pediatric Infectious Diseases Society Article Title: Neutralizing Immunity Against Antigenically Advanced Omicron BA

### Long term follow up and outcomes of Covid-19 vaccine associated myocarditis in Victoria, Australia: A clinical surveillance study

Author Names: Shenton P., Schrader S., Smith J., Alafaci A., Cox N., Taylor A., Hare J., Jones B., Crawford N.W., BATTERY J.P., Cheng D.R. Database Source: Embase Daily Updates Journal Title: Vaccine, Vaccine Article Title: Long term follow up and outcomes of Covid-19 vaccine associated myocarditis in Victoria, Australia: A clinical surveillance study Year: 2024 Issue: Volume: Abstract:

### General and orofacial symptoms associated with acute and long COVID in 80- and 90-year-old Swedish COVID-19 survivors

Author Names: Johansson A.-K., Omar R., Lehmann S., Sannevik J., Mastrovito B., Johansson A. Database Source: Embase Weekly Updates Journal Title: Journal of dentistry Article Title: General and orofacial symptoms associated with acute and long COVID in 80- and 90-year-old Swedish COVID-19 survivors Year: 2023 Issue: Volume: Abstract: OBJECTIVES: To describe acute and long COVID-19

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### Molecular states during acute COVID-19 reveal distinct etiologies of long-term sequelae

Author Names: Thompson R.C., Simons N.W., Wilkins L., Cheng E., Del Valle D.M., Cervia C., Fennessy B., Johnson J.S., Lepow L., Le Berichel J., Beckmann A.G., Barcessat V., Yuan D., Huckins L., Agashe C., Agrawal P., Akyatan A., Alesso-Carra K., Alibo E., Alvarez K., Amabile A., Argmann C., Argueta K., Ascolillo S., Bailey R., Batchelor C., Begani P., Bogunovic D., Bose S., Cimen Bozkus C., Bravo P., Brown S.-A., Buckup M

### Spirometry in Children at Six Months After SARS-CoV-2 Infection: A Single-Center Study

Author Names: Sharanya P., Mishra D., Agarwal A., Keerthana D. Database Source: Embase Weekly Updates Journal Title: Indian Pediatrics, Indian Pediatrics Article Title: Spirometry in Children at Six Months After SARS-CoV-2 Infection: A Single-Center Study Year: 2023 Issue: 12 Volume: 60 Abstract: Objective: To study the spirometry parameters of children six months after severe acute

### An examination of characteristics, social supports, caregiver resilience and hospital readmissions of children with medical complexity

Author Names: Kennedy H.M., Cole A., Berbert L., Schenkel S.R., DeGrazia M. Database Source: Embase Weekly Updates Journal Title: Child: care, health and development Article Title: An examination of characteristics, social supports, caregiver resilience and hospital readmissions of children with medical complexity Year: 2023 Issue: Volume: Abstract: BACKGROUND: Children with medical

### Effectiveness of Rehabilitation Interventions on Adults With COVID-19 and Post-COVID-19 Condition. A Systematic Review With Meta-analysis

Author Names: Pollini E., Lazzarini S.G., Cordani C., Del Furia M.J., Kiekens C., Negrini S., Arienti C. Database Source: Embase Weekly Updates Journal Title: Archives of Physical Medicine and Rehabilitation, Archives of Physical Medicine and Rehabilitation Article Title: Effectiveness of Rehabilitation Interventions on Adults With COVID-19 and Post-COVID-19 Condition

### Increased SARS-CoV-2 reactive low avidity T cells producing inflammatory cytokines in pediatric post-acute COVID-19 sequelae (PASC)

Author Names: Paniskaki K., Goretzki S., Anft M., Konik M.J., Meister T.L., Pfaender S., Lechtenberg K., Vogl M., Dogan B., Dolff S., Westhoff T.H., Rohn H., Felderhoff-Mueser U., Stervbo U., Witzke O., Dohna-Schwake C., Babel N

### Exploring Rehabilitation Provider Experiences of Providing Health Services for People Living with Long COVID in Alberta

Author Names: Horlick S., Krysa J.A., Brehon K., Pohar Manhas K., Kovacs Burns K., Russell K., Papathanassoglou E., Gross D.P., Ho C. Database Source: Embase Weekly Updates Journal Title: International Journal of Environmental Research and Public Health, International Journal of Environmental Research and Public Health Article Title: Exploring Rehabilitation Provider Experiences of Providing Health

### Long COVID patients continue to experience significant symptoms at 12 months and factors associated with improvement: a prospective cohort study in France (PERSICOR)

Author Names: Salmon D., Slama D., Linard F., Dumesges N., Lebaut V., Hakim F., Oustric P., Seyrat E., Thoreux P., Marshall E. Database Source: Embase Weekly Updates Journal Title: International journal of infectious diseases : IJID : official publication of the

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International Society for Infectious Diseases Article Title: Long COVID patients continue to experience significant symptoms at 12 months

**The role of multimorbidity and socio-economic characteristics as potential risk factors for Long Covid: evidence from the multilevel analysis of the Survey of Health, Ageing and Retirement in Europe's corona surveys (2020-2021)**

Author Names: Wilk P., Moran V., Alperin M.N.P., Bohn T., Fagherazzi G., Zeegers M.P., Ruiz-Castell M. Database Source: Embase Daily Updates Journal Title: Age and ageing Article Title: The role of multimorbidity and socio-economic characteristics as potential risk factors for Long Covid: evidence from the multilevel analysis of the Survey of Health, Ageing and Retirement in Europe's corona

**Patient Presentations in a Community Pain Clinic after COVID-19 Infection or Vaccination: A Case-Series Approach**

Author Names: Mailis A., Kupferstein N., Assimakopoulos D., Mailis A.C., Sutton S., Lakha S.F. Database Source: Embase Daily Updates Journal Title: Clinics and Practice, Clinics and Practice Article Title: Patient Presentations in a Community Pain Clinic after COVID-19 Infection or Vaccination: A Case-Series Approach Year: 2023 Issue: 6 Volume: 13 Abstract: Objectives: Early case report

**Interventions to Improve Knowledge, Attitudes, and Uptake of Recommended Vaccines during Pregnancy and Postpartum: A Scoping Review**

Author Names: Ayouni I., Amponsah-Dacosta E., Noll S., Kagina B.M., Muloiwa R. Database Source: Embase Daily Updates Journal Title: Vaccines, Vaccines Article Title: Interventions to Improve Knowledge, Attitudes, and Uptake of Recommended Vaccines during Pregnancy and Postpartum: A Scoping Review Year: 2023 Issue: 12 Volume: 11 Abstract: Tetanus, pertussis, influenza, and COVID-19

**Long COVID neuropsychological follow-up: Is cognitive rehabilitation relevant?.**

Author Names: Braga LW, Oliveira SB, Moreira AS, Martins Pereira MEMDS, Serio ASS, Carneiro VDS, Freitas LFP, Souza LMDN Database Source: Ovid MEDLINE(R) Daily Update <January 02, 2024> Journal Title: Neurorehabilitation Article Title: Long COVID neuropsychological follow-up: Is cognitive rehabilitation relevant?

**Cochlear Implantation in Patients with Bilateral Sudden Sensorineural Hearing Loss after COVID-19 Infection**

Author Names: Arsovic N., Jovanovic M., Babac S., Cvorovic L., Radivojevic N., Arsovic K. Database Source: Embase Daily Updates Journal Title: Journal of Personalized Medicine, Journal of Personalized Medicine Article Title: Cochlear Implantation in Patients with Bilateral Sudden Sensorineural Hearing Loss after COVID-19 Infection Year: 2023 Issue: 12 Volume: 13 Abstract: COVID-19

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