
Research Alert: Long-COVID – 22/12/2021

Produced by [UKHSA Knowledge and Library Services](#) on behalf of the Long-COVID team, this is a monthly 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)

[Myocardial injury as a prognostic factor in mid-and long-term follow-up of covid-19 survivors](#)

Author Names: Izquierdo A., Mojon D., Bardaji A., Carrasquer A., Calvo-Fernandez A., Carreras-Mora J., Giralt T., Perez-Fernandez S., Farre N., Soler C., Sola-Richarte C., Cabero P., Vaquerizo B., Marrugat J., Ribas N

[Modulatory effects of physical activity levels on immune responses and general clinical functions in adult patients with mild to moderate sars-cov-2 infections-a protocol for an observational prospective follow-up investigation: Fit-covid-19 study](#)

Author Names: Lira F.S., Pereira T., Minuzzi L.G., Figueiredo C., Olean-Oliveira T., Freire A.P.C.F., Coelho-E-silva M.J., Caseiro A., Thomatieli-Santos R.V., Dos Santos V.R., Gobbo L.A., Seelaender M., Kruger K., Pinho R.A., Rosa-Neto J.C., Silva B.S.A

[Long-term air pollution and COVID-19 mortality rates in California: Findings from the Spring/Summer and Winter surges of COVID-19](#)

Author Names: Garcia E., Marian B., Chen Z., Li K., Lurmann F., Gilliland F., Eckel S.P.
Database Source: Embase Journal Title: Environmental Pollution, Environmental Pollution
Article Title: Long-term air pollution and COVID-19 mortality rates in California: Findings from the Spring/Summer and Winter surges of COVID-19 Year: 2022 Issue: Volume: 292 Abstract: A growing number of studies

[Potentially long-lasting effects of the pandemic on scientists](#)

Author Names: Gao J., Yin Y., Myers K.R., Lakhani K.R., Wang D. Database Source: Embase Journal Title: Nature Communications, Nature Communications Article Title: Potentially long-lasting effects of the pandemic on scientists Year: 2021 Issue: 1 Volume: 12 Abstract:

Assessment of Sequelae of COVID-19 Nearly 1 Year After Diagnosis

Author Names: Zhou F., Tao M., Shang L., Liu Y., Pan G., Jin Y., Wang L., Hu S., Li J., Zhang M., Fu Y., Yang S. Database Source: Embase Journal Title: Frontiers in Medicine Article Title: Assessment of Sequelae of COVID-19 Nearly 1 Year After Diagnosis Year: 2021 Issue: Volume: 8 Abstract: Background: A previous study has shown that 81% of the COVID-19 patients had mild or moderate symptoms

Intracellular Adhesion Molecule-1 (ICAM-1) Levels in Convalescent COVID-19 Serum: A Case Report

Author Names: Smith-Norowitz T.A., Loeffler J., Norowitz Y.M., Kohlhoff S. Database Source: Embase Journal Title: Annals of clinical and laboratory science Article Title: Intracellular Adhesion Molecule-1 (ICAM-1) Levels in Convalescent COVID-19 Serum: A Case Report Year: 2021 Issue: 5 Volume: 51 Abstract: OBJECTIVE: Intercellular adhesion molecule-1 (ICAM-1), an endothelial cell

Global surveillance, research, and collaboration needed to improve understanding and management of long COVID

Author Names: Ward H., Flower B., Garcia P.J., Ong S.W.X., Altmann D.M., Delaney B., Smith N., Elliott P., Cooke G. Database Source: Embase Journal Title: The Lancet, The Lancet Article Title: Global surveillance, research, and collaboration needed to improve understanding and management of long COVID Year: 2021 Issue: 10316 Volume: 398 Abstract:

The impact of the COVID-19 pandemic on follow-up and management of cancer patients

Author Names: Karakurt Eryilmaz M., Karaagac M., Kocak M.Z., Korkmaz M., Ugrakli M., Hendem E., Demirkiran A., Er M.M., Caglayan D., Araz M., Bozcuk H.S., Artac M. Database Source: Embase Journal Title: Journal of Oncological Science Article Title: The impact of the COVID-19 pandemic on follow-up and management of cancer patients Year: 2021 Issue: 3 Volume: 7 Abstract: ABS TRACT Objective:

Protective humoral and cellular immune responses to SARS-CoV-2 persist up to 1 year after recovery

Author Names: Feng C., Shi J., Fan Q., Wang Y., Huang H., Chen F., Tang G., Li Y., Li P., Li J., Cui J., Guo L., Chen S., Jiang M., Feng L., Chen L., Lei C., Ke C., Deng X., Hu F., Tang X., Li F. Database Source: Embase Journal Title: Nature Communications, Nature Communications Article Title: Protective humoral and cellular immune responses to SARS-CoV-2 persist up to 1 year after recovery Year: 2021 Issue:

Respiratory rehabilitation for Covid-19 related persistent dyspnoea: A one-year experience

Author Names: Bouteleux B., Henrot P., Ernst R., Grassion L., Raheison-Semjen C., Beaufils F., Zysman M., Delorme M. Database Source: Embase Journal Title: Respiratory Medicine, Respiratory Medicine Article Title: Respiratory rehabilitation for Covid-19 related persistent dyspnoea: A one-year experience Year: 2021 Issue: Volume: 189 Abstract: Background: Growing consideration is emerging

Rehabilitation in post acute COVID-19

Author Names: Jarosch I., Koczulla A.R. Database Source: Embase Journal Title: Sports Orthopaedics and Traumatology, Sport-Orthopädie - Sport-Traumatologie Article Title: Rehabilitation in post acute COVID-19, Rehabilitation nach COVID-19-Erkrankung Year: 2021 Issue: 3 Volume: 37 Abstract: 6 months following an acute infection with SARS-CoV-2 virus with a moderate or severe course of

Observational study of clinico-radiological follow-up of COVID-19 pneumonia: a district general hospital experience in the UK

Author Names: Musat C.A., Hadzhiivanov M., Durkowski V., Banerjee A., Chipang A., Diwan M., Mahmood M.S., Shami M.N., Nune A. Database Source: Embase Journal Title: BMC Infectious Diseases, BMC Infectious Diseases Article Title: Observational study of clinico-

radiological follow-up of COVID-19 pneumonia: a district general hospital experience in the UK Year: 2021 Issue: 1 Volume: 21

Longitudinal effects of the pandemic and confinement on the anxiety levels of a sample of spanish children in primary education

Author Names: Gimenez-Dasi M., Quintanilla L., Fernandez-Sanchez M. Database Source: Embase Journal Title: International Journal of Environmental Research and Public Health, International Journal of Environmental Research and Public Health Article Title: Longitudinal effects of the pandemic and confinement on the anxiety levels of a sample of spanish children in primary education Year: 2021

One-year mental health outcomes in a cohort of COVID-19 survivors

Author Names: Mazza M.G., Palladini M., De Lorenzo R., Bravi B., Poletti S., Furlan R., Ciceri F., Vai B., Bollettini I., Melloni E.M.T., Mazza E.B., Aggio V., Calesella F., Paolini M., Caselani E., Colombo F., D'orsi G., Di Pasquasio C., Fiore P., Calvisi S., Canti V., Castellani J., Cilla M., Cinel E., Damanti S., Ferrante M., Martinenghi S., Santini C., Vitali G., Rovere-Querini P., Benedetti F

Neurologic and cognitive sequelae after SARS-CoV2 infection: Different impairment for ICU patients

Author Names: Mattioli F., Piva S., Stampatori C., Righetti F., Mega I., Peli E., Sala E., Tomasi C., Indelicato A.M., Latronico N., De Palma G. Database Source: Embase Journal Title: Journal of the Neurological Sciences, Journal of the Neurological Sciences Article Title: Neurologic and cognitive sequelae after SARS-CoV2 infection: Different impairment for ICU patients Year: 2022 Issue:

Nutrition evaluation and management of critically ill patients with COVID-19 during post-intensive care rehabilitation

Author Names: Hoyois A., Ballarin A., Thomas J., Lheureux O., Preiser J.-C., Coppens E., Perez-Bogerd S., Taton O., Farine S., Van Ouytsel P., Arvanitakis M. Database Source: Embase Journal Title: Journal of Parenteral and Enteral Nutrition, Journal of Parenteral and Enteral Nutrition Article Title: Nutrition evaluation and management of critically ill patients with COVID-19 during post-intensive care

Guidance on home rehabilitation in chinese and western medicine to prevent the relapse of novel coronavirus disease-19 pneumonia after recovery

Author Names: Li B.-L., Zhu L.-W., Wang X., Mu Z.-C., Tang Q. Database Source: Embase Journal Title: TMR Integrative Medicine Article Title: Guidance on home rehabilitation in chinese and western medicine to prevent the relapse of novel coronavirus disease-19 pneumonia after recovery Year: 2021 Issue: Volume: 5 Abstract: Patients with novel coronavirus disease-19 (COVID-19) pneumonia

Prevalence and predictors of Post-Acute COVID-19 Syndrome (PACS) after hospital discharge: A cohort study with 4 months median follow-up

Author Names: Tleyjeh I.M., Saddik B., AlSwaidan N., AlAnazi A., Ramakrishnan R.K., Alhazmi D., Aloufi A., AlSumait F., Berbari E., Halwani R. Database Source: Embase Journal Title: PLoS ONE, PLoS ONE Article Title: Prevalence and predictors of Post-Acute COVID-19 Syndrome (PACS) after hospital discharge: A cohort study with 4 months median follow-up Year: 2021 Issue: 12 December Volume: 16

Sugar-Sweetened Beverage Fee: A Model to Address Health Disparities in Hawai'i

Author Names: McGurk M.D., Takeda C.R., Murakami J., La Chica T., Yamauchi J. Database Source: Embase Journal Title: Hawai'i journal of health & social welfare Article Title: Sugar-Sweetened Beverage Fee: A Model to Address Health Disparities in Hawai'i Year: 2021 Issue: 10 Supplement 2 Volume: 80 Abstract: Sugar-sweetened beverage (SSB) consumption is associated with increased risk of

Prevalence of Persistent Olfactory Disorders in Patients With COVID-19: A Psychophysical Case-Control Study With 1-Year Follow-up

Author Names: Vaira L.A.,Salzano G.,Bon S.L.,Maglio A.,Petrocelli M.,Steffens Y.,Ligas E.,Maglitto F.,Lechien J.R.,Saussez S.,Vatrella A.,Salzano F.A.,Boscolo-Rizzo P.,Hopkins C.,De Riu G. Database Source: Embase Journal Title: Otolaryngology - Head and Neck Surgery (United States),Otolaryngology - Head and Neck Surgery Article Title: Prevalence of Persistent Olfactory Disorders in Patients

Advancing Health Equity in Hawai'i: Critical Reflections on COVID-19, Chronic Conditions, and Health Disparities

Author Names: Pirkle C.M.,Saiki K.N.,Yamauchi J.,Irvin L.H. Database Source: Embase Journal Title: Hawai'i journal of health & social welfare Article Title: Advancing Health Equity in Hawai'i: Critical Reflections on COVID-19, Chronic Conditions, and Health Disparities Year: 2021 Issue: 10 Supplement 2 Volume: 80 Abstract:

Exploring the scope of homoeopathy in combating the unfortunate consequences of post-COVID-19 survivors based on non-COVID conditions: a narrative review

Author Names: Dixit A.K.,Giri N.,Singh S. Database Source: Embase Journal Title: Journal of complementary & integrative medicine Article Title: Exploring the scope of homoeopathy in combating the unfortunate consequences of post-COVID-19 survivors based on non-COVID conditions: a narrative review Year: 2021 Issue: Volume: Abstract: OBJECTIVES: The long-term consequences of

Characterizing non-critically ill COVID-19 survivors with and without in-hospital rehabilitation

Author Names: Musheyev B.,Janowicz R.,Borg L.,Matarlo M.,Boyle H.,Hou W.,Duong T.Q. Database Source: Embase Journal Title: Scientific reports Article Title: Characterizing non-critically ill COVID-19 survivors with and without in-hospital rehabilitation Year: 2021 Issue: 1 Volume: 11 Abstract: This study investigated pre-COVID-19 admission dependency, discharge assistive equipment,

A scoping review of telenursing's potential as a nursing care delivery model in lung cancer during the COVID-19 pandemic

Author Names: Komariah M.,Maulana S.,Platini H.,Pahria T. Database Source: Embase Journal Title: Journal of Multidisciplinary Healthcare,Journal of Multidisciplinary Healthcare Article Title: A scoping review of telenursing's potential as a nursing care delivery model in lung cancer during the COVID-19 pandemic Year: 2021 Issue: Volume: 14 Abstract: This review aims to investigate

Concurrent Cerebral, Splenic, and Renal Infarction in a Patient with COVID-19 Infection

Author Names: Rigual R.,Ruiz-Ares G.,Rodriguez-Pardo J.,Fernandez-Prieto A.,Navia P.,Novo J.R.,Lecinana M.A.D.,Alonso-Singer P.,Fuentes B.,Diez-Tejedor E. Database Source: Embase Journal Title: Neurologist,Neurologist Article Title: Concurrent Cerebral, Splenic, and Renal Infarction in a Patient with COVID-19 Infection Year: 2021 Issue: Volume: Abstract: Introduction: Thrombotic

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