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## Research Alert: Long-COVID – 22/06/2022

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)

#### [Challenges and Management of Long COVID in Individuals with Hematological Illnesses](#)

Author Names: Yelin D.,Margalit I. Database Source: Embase Daily Updates Journal Title: Acta Haematologica,Acta Haematologica Article Title: Challenges and Management of Long COVID in Individuals with Hematological Illnesses Year: 2022 Issue: 3 Volume: 145 Abstract: COVID-19 has impacted hundreds of millions of people globally, a relatively large proportion of whom continue to

#### [Case-control study of neuropsychiatric symptoms in electronic health records following COVID-19 hospitalization in 2 academic health systems](#)

Author Names: Castro V.M.,Rosand J.,Giacino J.T.,McCoy T.H.,Perlis R.H. Database Source: Embase Daily Updates Journal Title: Molecular Psychiatry,Molecular Psychiatry Article Title: Case-control study of neuropsychiatric symptoms in electronic health records following COVID-19 hospitalization in 2 academic health systems Year: 2022 Issue: Volume: Abstract: Neuropsychiatric

#### [The Relationship Between Stigma and Mental Health in a Population of Individuals With COVID-19](#)

Author Names: Warren A.M.,Khetan R.,Bennett M.,Pogue J.,Waddimba A.C.,Powers M.B.,Sanchez K. Database Source: Embase Weekly Updates Journal Title: Rehabilitation Psychology,Rehabilitation Psychology Article Title: The Relationship Between Stigma and

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Mental Health in a Population of Individuals With COVID-19 Year: 2022 Issue: 2 Volume: 67  
Abstract: Purpose: Illness stigma has been

### **Characterising long COVID: A living systematic review**

Author Names: Michelen M.,Manoharan L.,Elkheir N.,Cheng V.,Dagens A.,Hastie C.,O'Hara M.,Suett J.,Dahmash D.,Bugaeva P.,Rigby I.,Munblit D.,Harriss E.,Burls A.,Foote C.,Scott J.,Carson G.,Olliaro P.,Sigfrid L.,Stavropoulou C

### **Risk factors and severity of functional impairment in long COVID: a single-center experience in Croatia**

Author Names: Banic M.,Makek M.J.,Samarzija M.,Mursic D.,Boras Z.,Trkes V.,Baricevic D.,Korsic M.,Basara L.,Gluncic T.J.,Dugac A.V. Database Source: Embase Daily Updates  
Journal Title: Croatian Medical Journal,Croatian Medical Journal Article Title: Risk factors and severity of functional impairment in long COVID: a single-center experience in Croatia  
Year: 2022 Issue: 1 Volume: 63

### **Have deaths of despair risen during the COVID-19 pandemic? A rapid systematic review**

Author Names: Rahimi-Ardabili H.,Feng X.,Nguyen P.-Y.,Astell-Burt T. Database Source: Embase Preprint  
Journal Title: medRxiv,ENG Article Title: Have deaths of despair risen during the COVID-19 pandemic? A rapid systematic review  
Year: 2022 Issue: Volume: Abstract: Objective: To systematically review the literature on the impact of the COVID-19 pandemic on deaths of despair

### **COVID-19 Postacute Sequela Rehabilitation: A Look to the Future Through the Lens of Chronic Obstructive Pulmonary Disease and Pulmonary Rehabilitation**

Author Names: Gore S.,Keysor J. Database Source: Embase Weekly Updates  
Journal Title: Archives of Rehabilitation Research and Clinical Translation Article Title: COVID-19 Postacute Sequela Rehabilitation: A Look to the Future Through the Lens of Chronic Obstructive Pulmonary Disease and Pulmonary Rehabilitation  
Year: 2022 Issue: 2 Volume: 4  
Abstract: Post-COVID-19 condition is

### **One-year cognitive follow-up of COVID-19 hospitalized patients**

Author Names: Ferrucci R.,Dini M.,Rosci C.,Capozza A.,Grosso E.,Reitano M.R.,Allocco E.,Poletti B.,Brugnera A.,Bai F.,Monti A.,Ticozzi N.,Silani V.,Centanni S.,D'Arminio Monforte A.,Tagliabue L.,Priori A

### **Protocol for mixed-method study by LOnG COvid Multidisciplinary consortium: Optimising Treatments and servlces acrOss the NHS (LOCOMOTION)**

Author Names: Sivan M.,Greenhalgh T.,Darbyshire J.L.,Mir G.,O'Connor R.J.,Dawes H.,Greenwood D.C.,O'Connor D.B.,Horton M.,Petrou S.,de Lusignan S.,Curcin V.,Mayer E.,Casson A.,Milne R.,Rayner C.,Smith N.,Parkin A.,Preston N.,Delaney B.,Bakerly N.D.,Barahona M.,Clarke J.,Davies H.,Elkin S.,Evans R.,Glampson B.,Halpin S.,Kwon J.,Delanerolle G.,Falope Z.,Echevarria C.,Espinosa Gonzalez A.B.,Master H

### **Impact of the Covid-19 Pandemic on Delivery of Acute and Post-Acute Care to Patients with Newly Diagnosed Traumatic Spinal Cord Injury**

Author Names: Boland M.,Smith E. Database Source: Embase Daily Updates  
Journal Title: Irish medical journal Article Title: Impact of the Covid-19 Pandemic on Delivery of Acute and Post-Acute Care to Patients with Newly Diagnosed Traumatic Spinal Cord Injury  
Year: 2022 Issue: 4 Volume: 115  
Abstract: Aim To investigate the impact of the first wave of the Covid-19 pandemic on the care

### **Demographic and social determinants of cognitive dysfunction following hospitalization for COVID-19**

Author Names: Valdes E.,Fuchs B.,Morrison C.,Charvet L.,Lewis A.,Thawani S.,Balcer L.,Galetta S.L.,Wisniewski T.,Frontera J.A. Database Source: Embase Weekly Updates  
Journal Title: Journal of the Neurological Sciences,Journal of the Neurological Sciences  
Article Title: Demographic and social determinants of cognitive dysfunction following hospitalization for COVID-19  
Year: 2022 Issue:

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### **Mucormycosis as SARS-CoV2 sequelae in kidney transplant recipients: a single-center experience from India**

Author Names: Meshram H.S.,Kute V.B.,Chauhan S.,Dave R.,Patel H.,Banerjee S.,Desai S.,Kumar D.,Navadiya V.,Mishra V. Database Source: Embase Weekly Updates Journal Title: International Urology and Nephrology,International Urology and Nephrology Article Title: Mucormycosis as SARS-CoV2 sequelae in kidney transplant recipients: a single-center experience from India Year: 2022 Issue: 7

### **Persistent Immune and Clotting Dysfunction Detected in Saliva and Blood Plasma after COVID-19**

Author Names: Jang H.,Choudhury S.,Yu Y.,Sievers B.L.,Gelbart T.,Singh H.,Rawlings S.A.,Proal A.,Tan G.S.,Smith D.,Freire M. Database Source: Embase Preprint Journal Title: bioRxiv Article Title: Persistent Immune and Clotting Dysfunction Detected in Saliva and Blood Plasma after COVID-19 Year: 2022 Issue: Volume: Abstract: A growing number of studies indicate that coronavirus

### **The subjective and objective very long-term outcomes of TVT in the COVID era: A 20-year follow-up**

Author Names: Braga A.,Caccia G.,Papadia A.,Castronovo F.,Salvatore S.,Scancarello C.,Torella M.,Ghezzi F.,Serati M. Database Source: Embase Weekly Updates Journal Title: International Urogynecology Journal,International Urogynecology Journal Article Title: The subjective and objective very long-term outcomes of TVT in the COVID era: A 20-year follow-up Year: 2022 Issue: 4 Volume: 33

### **The BioVisualSpeech Serious Game with Voice Exercises for People with Parkinson's Disease with Hypokinetic Dysarthria**

Author Names: Viana T.,Cavaco S. Database Source: Embase Weekly Updates Journal Title: Studies in health technology and informatics Article Title: The BioVisualSpeech Serious Game with Voice Exercises for People with Parkinson's Disease with Hypokinetic Dysarthria Year: 2022 Issue: Volume: 290 Abstract: People with Parkinson's disease (PD) can have dysarthria, a voice disorder that

### **Factors influencing the evolution of pulmonary hypertension in previously healthy subjects recovering from a sars-cov-2 infection**

Author Names: Tudoran C.,Tudoran M.,Lazureanu V.E.,Marinescu A.R.,Cut T.G.,Oancea C.,Pescariu S.A.,Pop G.N. Database Source: Embase Weekly Updates Journal Title: Journal of Clinical Medicine,Journal of Clinical Medicine Article Title: Factors influencing the evolution of pulmonary hypertension in previously healthy subjects recovering from a sars-cov-2 infection Year: 2021 Issue: 22

### **Blowin' In The Wind: Long-Term Downwind Exposure to Air Pollution from Power Plants and Adult Mortality**

Author Names: Tanaka S. Database Source: Embase Preprint Journal Title: medRxiv,ENG Article Title: Blowin' In The Wind: Long-Term Downwind Exposure to Air Pollution from Power Plants and Adult Mortality Year: 2020 Issue: Volume: Abstract: We estimate the causal effects of long-term exposure to air pollution emitted from fossil fuel power plants on adult mortality

### **Surveillance for Post-COVID Conditions Is Necessary: Addressing the Challenges with Multiple Approaches**

Author Names: Saydah S.H.,Brooks J.T.,Jackson B.R. Database Source: Embase Weekly Updates Journal Title: Journal of General Internal Medicine,Journal of General Internal Medicine Article Title: Surveillance for Post-COVID Conditions Is Necessary: Addressing the Challenges with Multiple Approaches Year: 2022 Issue: 7 Volume: 37 Abstract:

### **Reduction in hospital length of stay and increased utilization of telemedicine during the "return-to-normal" period of the COVID-19 pandemic does not adversely influence early clinical outcomes in patients undergoing total hip replacement: a case-control study**

Author Names: Sarpong N.O.,Kuyl E.-V.,Ong C.,Chiu Y.-F.,Boettner F.,Su E.P.,Rodriguez J.A.,Della Valle A.G. Database Source: Embase Daily Updates Journal Title: Acta

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orthopaedica Article Title: Reduction in hospital length of stay and increased utilization of telemedicine during the "return-to-normal" period of the COVID-19 pandemic does not adversely influence early clinical outcomes in

### **Attributes of Long Duration COVID-19 Workers' Compensation Claims**

Author Names: Bernacki E.J., Hunt D.L., Tsourmas N.F., Yuspeh L., Lavin R.A., Kalia N., Leung N., Willams L., Green-Mckenzie J., Tao X.G. Database Source: Embase Weekly Updates Journal Title: Journal of Occupational and Environmental Medicine, Journal of Occupational and Environmental Medicine Article Title: Attributes of Long Duration COVID-19 Workers' Compensation Claims Year: 2022 Issue: 5

### **Short- and long-term outcome and predictors in an international cohort of patients with neuro-COVID-19**

Author Names: Beghi E., Helbok R., Ozturk S., Karadas O., Lisnic V., Grosu O., Kovacs T., Dobronyi L., Berezcki D., Cotelli M.S., Turla M., Davidescu E.I., Popescu B.O., Valzania F., Cavallieri F., Ulmer H., Maia L.F., Amodt A.H., Armon C., Brola W., Victoria G., Riahi A., Krehan I., von Oertzen T., Azab M.A., Crean M., Lolich M., Lima M.J., Sellner J., Pernecky J., Jenkins T., Meoni S., Bianchi E., Moro E., Bassetti C.L.A

### **Multi-disciplinary collaborative consensus guidance statement on the assessment and treatment of breathing discomfort and respiratory sequelae in patients with post-acute sequelae of SARS-CoV-2 infection (PASC)**

Author Names: Maley J.H., Alba G.A., Barry J.T., Bartels M.N., Fleming T.K., Oleson C.V., Rydberg L., Sampsel S., Silver J.K., Sipes S., Verduzco-Gutierrez M., Wood J., Zibrak J.D., Whiteson J. Database Source: Embase Weekly Updates Journal Title: PM and R, PM and R Article Title: Multi-disciplinary collaborative consensus guidance statement on the assessment and treatment of breathing discomfort and

### **Heart Transplantation: A Bibliometric Review From 1990-2021**

Author Names: Du Y., Duan C., Yang Y., Yuan G., Zhou Y., Zhu X., Wei N., Hu Y. Database Source: Embase Weekly Updates Journal Title: Current Problems in Cardiology, Current Problems in Cardiology Article Title: Heart Transplantation: A Bibliometric Review From 1990-2021 Year: 2022 Issue: 8 Volume: 47 Abstract: As the rapidly aging population and the rising incidence of end-stage heart

### **An Update on Protective Effectiveness of Immune Responses After Recovery From COVID-19**

Author Names: Soleimani S., Alyasin S., Sepahi N., Ghahramani Z., Kanannejad Z., Yaghobi R., Karimi M.H. Database Source: Embase Weekly Updates Journal Title: Frontiers in Immunology, Frontiers in Immunology Article Title: An Update on Protective Effectiveness of Immune Responses After Recovery From COVID-19 Year: 2022 Issue: Volume: 13 Abstract: Severe acute respiratory syndrome

### **One Year Follow-Up of COVID-19 Related Symptoms and Patient Quality of Life: A Prospective Cohort Study**

Author Names: Kim Y., Kim S.-W., Chang H.-H., Kwon K.T., Hwang S., Bae S. Database Source: Embase Weekly Updates Journal Title: Yonsei Medical Journal, Yonsei Medical Journal Article Title: One Year Follow-Up of COVID-19 Related Symptoms and Patient Quality of Life: A Prospective Cohort Study Year: 2022 Issue: 6 Volume: 63 Abstract: Purpose: Globally, concerns have grown regarding the

### **COVID-19 Vaccine-Related Axillary Adenopathy on Breast Imaging: Follow-Up Recommendations and Histopathologic Findings**

Author Names: Nguyen D.L., Ambinder E.B., Myers K.S., Mullen L.A., Panigrahi B., Oluyemi E. Database Source: Embase Weekly Updates Journal Title: American Journal of Roentgenology, American Journal of Roentgenology Article Title: COVID-19 Vaccine-Related Axillary Adenopathy on Breast Imaging: Follow-Up Recommendations and Histopathologic Findings Year: 2022 Issue: 6 Volume: 218 Abstract:

### **Long-Term Effects of COVID-19 on Workers in Health and Social Services in Germany**

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Author Names: Peters C.,Dulon M.,Westermann C.,Kozak A.,Nienhaus A. 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: Long-Term Effects of COVID-19 on Workers in Health and Social Services in Germany Year: 2022 Issue: 12 Volume: 19

### **Combined assessment of S- and N-specific IL-2 and IL-13 secretion and CD69 neo-expression for discrimination of post-infection and post-vaccination cellular SARS-CoV-2-specific immune response**

Author Names: Kratzer B.,Schlax L.C.,Gattinger P.,Waidhofer-Sollner P.,Trapin D.,Tauber P.A.,Sehgal A.N.A.,Kormoczi U.,Rottal A.,Feichter M.,Oberhofer T.,Grabmeier-Pfistershammer K.,Borochova K.,Dorofeeva Y.,Tulaeva I.,Weber M.,Muhl B.,Kropfmuller A.,Negrin B.,Kundi M.,Valenta R.,Pickl W.F

### **A telerehabilitation programme in post-discharge COVID-19 patients (TERECO): a randomised controlled trial.**

Author Names: Li J,Xia W,Zhan C,Liu S,Yin Z,Wang J,Chong Y,Zheng C,Fang X,Cheng W,Reinhardt JD Database Source: Ovid MEDLINE(R) Daily Update <June 17, 2022> Journal Title: Thorax Article Title: A telerehabilitation programme in post-discharge COVID-19 patients (TERECO): a randomised controlled trial

### **Construct Validity and Responsiveness of the COVID-19 Yorkshire Rehabilitation Scale (C19-YRS) in a Cohort of Italian Hospitalized COVID-19 Patients**

Author Names: Straudi S.,Manfredini F.,Baroni A.,Milani G.,Fregna G.,Schincaglia N.,Androni R.,Occhi A.,Sivan M.,Lamberti N. 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: Construct Validity and Responsiveness of the COVID-19 Yorkshire

### **One-year follow-up CT findings in COVID-19 patients: A systematic review and meta-analysis**

Author Names: Watanabe A.,So M.,Iwagami M.,Fukunaga K.,Takagi H.,Kabata H.,Kuno T. Database Source: Embase Weekly Updates Journal Title: Respiriology,Respirology Article Title: One-year follow-up CT findings in COVID-19 patients: A systematic review and meta-analysis Year: 2022 Issue: Volume: Abstract: Coronavirus disease 2019 (COVID-19) often causes radiological and functional

### **Recommended tactics for mass vacciNATION of HEALTHY individuals and COVID-19 coNVALESCENTS**

Author Names: Zilfyan A.V.,Avagyan S.A.,Muradyan A.A.,Barsegyan E.S. Database Source: Embase Weekly Updates Journal Title: New Armenian Medical Journal,New Armenian Medical Journal Article Title: Recommended tactics for mass vacciNATION of HEALTHY individuals and COVID-19 coNVALESCENTS Year: 2022 Issue: 1 Volume: 16 Abstract: This article presents our views on main scientific and

### **Follow-up cardiac magnetic resonance in children with vaccine-associated myocarditis**

Author Names: Hadley S.M.,Prakash A.,Baker A.L.,de Ferranti S.D.,Newburger J.W.,Friedman K.G.,Dionne A. Database Source: Embase Weekly Updates Journal Title: European Journal of Pediatrics,European Journal of Pediatrics Article Title: Follow-up cardiac magnetic resonance in children with vaccine-associated myocarditis Year: 2022 Issue: 7 Volume: 181 Abstract: Myocarditis is a rare

### **French-Canadian validation of the Traumatic Grief Inventory-Self Report (TGI-SR)**

Author Names: Cherblanc J.,Gagnon C.,Cote I.,Bergeron-Leclerc C.,Cadell S.,Gauthier G.,Boelen P.A. Database Source: Embase Weekly Updates Journal Title: Death studies Article Title: French-Canadian validation of the Traumatic Grief Inventory-Self Report (TGI-SR) Year: 2022 Issue: Volume: Abstract: The Traumatic Grief Inventory Self-Report (TGI-SR), which aims to assess both

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## **A systematic review and meta-analysis of long term physical and mental sequelae of COVID-19 pandemic: call for research priority and action**

Author Names: Zeng N., Zhao Y.-M., Yan W., Li C., Lu Q.-D., Liu L., Ni S.-Y., Mei H., Yuan K., Shi L., Li P., Fan T.-T., Yuan J.-L., Vitiello M.V., Kosten T., Kondratiuk A.L., Sun H.-Q., Tang X.-D., Liu M.-Y., Lalvani A., Shi J., Bao Y.-P., Lu L

## **Clinical and Radiological Follow-Up of a Pfizer-BioNTech COVID-19 Vaccine-Induced Hemichorea-Hemiballismus**

Author Names: Batot C., Chea M., Zeidan S., Mongin M., Pop G., Mazoyer J., Degos B.  
Database Source: Embase Weekly Updates Journal Title: Tremor and Other Hyperkinetic Movements, Tremor and Other Hyperkinetic Movements Article Title: Clinical and Radiological Follow-Up of a Pfizer-BioNTech COVID-19 Vaccine-Induced Hemichorea-Hemiballismus Year: 2022 Issue: 1 Volume: 12 Abstract:

## **The effect of medium-term recovery status after COVID-19 illness on cardiopulmonary exercise capacity in a physically active adult population**

Author Names: Ladlow P., O'Sullivan O., Bennett A.N., Barker-Davies R., Houston A., Chamley R., May S., Mills D., Dewson D., Rogers-Smith K., Ward C., Taylor J., Mulae J., Naylor J., Nicol E.D., Holdsworth D.A. Database Source: Embase Weekly Updates Journal Title: Journal of applied physiology (Bethesda, Md)

## **Post-COVID Condition in Adults and Children Living in the Same Household in Italy: A Prospective Cohort Study Using the ISARIC Global Follow-Up Protocol**

Author Names: Buonsenso D., Munblit D., Pazukhina E., Ricchiuto A., Sinatti D., Zona M., De Matteis A., D'Ilario F., Gentili C., Lanni R., Rongai T., del Balzo P., Fonte M.T., Valente M., Zampino G., De Rose C., Sigfrid L., Valentini P., Sani I., La Cava G., Castronuovo S., Capodici I., Zirletta E., Costabile L., Martino D., Arnaboldi L., Carbone M.C., Sebastianelli R., Ciuffo C., Marano D., Grassi C., La Bella I., Sozio L

## **Neuromuscular complications of severe COVID-19 in paediatric patients: Medium-term follow-up**

Author Names: Avila-Smirnow D., Cespedes P., Reyes F., Angulo J., Cavagnaro A., Wegner A.  
Database Source: Embase Weekly Updates Journal Title: Neuromuscular Disorders, Neuromuscular Disorders Article Title: Neuromuscular complications of severe COVID-19 in paediatric patients: Medium-term follow-up Year: 2022 Issue: 6 Volume: 32 Abstract: Neuromuscular complications in paediatric

## **The successful rehabilitation of a 75-year-old female with debilitating long COVID: A case report.**

Author Names: Hsu WL, Chang YW, Horng YS, Hsu YT, Wu PS Database Source: Ovid MEDLINE(R) Daily Update <June 15, 2022> Journal Title: Journal of the Formosan Medical Association Article Title: The successful rehabilitation of a 75-year-old female with debilitating long COVID: A case report

## **Swimming Exercise for Patients With Long-Term Respiratory Post COVID-19 Complications: Further Thinking on the Pulmonary Rehabilitation.**

Author Names: Garcia I, Molina-Molina M, Arrillaga B, Javierre C, Viscor G Database Source: Ovid MEDLINE(R) <June Week 2 2022> Journal Title: Archivos de Bronconeumologia Article Title: Swimming Exercise for Patients With Long-Term Respiratory Post COVID-19 Complications: Further Thinking on the Pulmonary Rehabilitation. Year: 2022 Issue: 6 Volume: 58 Abstract:

## **High-resolution analysis of long-term serum antibodies in humans following convalescence of SARS-CoV-2 infection.**

Author Names: Facciuolo A, Scruten E, Lipsit S, Lang A, Parker Cates Z, Lew JM, Falzarano D, Gerds V, Kusalik AJ, Napper S Database Source: Ovid MEDLINE(R) <June Week 2 2022>

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Journal Title: Scientific Reports Article Title: High-resolution analysis of long-term serum antibodies in humans following convalescence of SARS-CoV-2 infection

**A Case Series of Olfactory Dysfunction in Imported COVID-19 Patients: A 12-Month Follow-Up Study**

Author Names: Wang N.,Yang M.B.,Yang P.Y.,Chen R.B.,Huang F.,Shi N.N.,Ma Y.,Zhang Y.,Xu Y.,Liu S.H.,Lu H.Y.,Fu Q.Q.,Fan Y.P.,Kan H.M.,Wang X.H.,Guo Y.L. Database Source: Embase Daily Updates Journal Title: Biomedical and environmental sciences : BES Article Title: A Case Series of Olfactory Dysfunction in Imported COVID-19 Patients: A 12-Month Follow-Up Study Year: 2022 Issue: 5

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