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## Research Alert: Long-COVID – 23/02/2022

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 \(Sources\) - 37](#)

### Long-COVID (Sources)

#### [Convalescent plasma-mediated resolution of COVID-19 in a patient with humoral immunodeficiency](#)

Author Names: Honjo K., Russell R.M., Li R., Liu W., Stoltz R., Tabengwa E.M., Hua Y., Prichard L., Kornbrust A.N., Sterrett S., Marques M.B., Lima J.L., Lough C.M., McCarty T.P., Ketas T.J., Hatzioannou T., Bieniasz P.D., Redden D.T., Moore J.P., Goepfert P.A., Heath S.L., Hahn B.H., Davis R.S. Database Source: Embase Daily Updates Journal Title: Cell reports

#### [Rehabilitation guidance for hip fracture patients during the COVID-19 pandemic using chat software: A new model](#)

Author Names: Gao S.-S., Wang Y.-J., Zhang G.-X., Zhang W.-T. Database Source: Embase Daily Updates Journal Title: Journal of Back and Musculoskeletal Rehabilitation, Journal of Back and Musculoskeletal Rehabilitation Article Title: Rehabilitation guidance for hip fracture patients during the COVID-19 pandemic using chat software: A new model Year: 2021 Issue: 3 Volume: 34 Abstract:

#### [Physical and Psychological Health Behavior Changes During the COVID-19 Pandemic that May Inform Surgical Prehabilitation: a Narrative Review](#)

Author Names: Silver J.K., Santa Mina D., Bates A., Gillis C., Silver E.M., Hunter T.L., Jack S. Database Source: Embase Daily Updates Journal Title: Current Anesthesiology Reports Article Title: Physical and Psychological Health Behavior Changes During the COVID-19

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Pandemic that May Inform Surgical Prehabilitation: a Narrative Review Year: 2022 Issue:  
Volume: Abstract: Purpose of

### **Predictors of life-threatening complications in relatively lower-risk patients hospitalized with COVID-19**

Author Names: Gonzalez C.J.,Hogan C.J.,Rajan M.,Wells M.T.,Safford M.M.,Pinheiro L.C.,Ghosh A.K.,Choi J.J.,Burchenal C.A.,Shah P.D.,Shapiro M.F. Database Source: Embase Daily Updates Journal Title: PloS one Article Title: Predictors of life-threatening complications in relatively lower-risk patients hospitalized with COVID-19 Year: 2022 Issue: 2 Volume: 17 Abstract: Older

### **Prostacyclin in Intubated Patients with COVID-19 and Severe Endotheliopathy: A Multicenter, Randomized Clinical Trial**

Author Names: Johansson P.I.,Soe-Jensen P.,Bestle M.H.,Clausen N.E.,Kristiansen K.T.,Lange T.,Stensballe J.,Perner A. Database Source: Embase Weekly Updates Journal Title: American journal of respiratory and critical care medicine Article Title: Prostacyclin in Intubated Patients with COVID-19 and Severe Endotheliopathy: A Multicenter, Randomized Clinical Trial Year: 2022 Issue: 3

### **Comparison of self-reported symptoms and psychophysical tests in coronavirus disease 2019 (COVID-19) subjects experiencing long-term olfactory dysfunction: a 6-month follow-up study**

Author Names: Bordin A.,Mucignat-Caretta C.,Gaudio P.,Pendolino A.L.,Leoni D.,Scarpa B.,Andrews P.J.,Cattelan A.M.,Antonini A.,Nicolai P.,Marchese-Ragona R.,Ottaviano G. Database Source: Embase Weekly Updates Journal Title: International Forum of Allergy and Rhinology,International Forum of Allergy and Rhinology Article Title: Comparison of self-reported symptoms and psychophysical tests

### **Long-Term Kinetics of SARS-CoV-2 Antibodies and Impact of Inactivated Vaccine on SARS-CoV-2 Antibodies Based on a COVID-19 Patients Cohort**

Author Names: Zhang S.,Xu K.,Li C.,Zhou L.,Kong X.,Peng J.,Zhu F.,Bao C.,Jin H.,Gao Q.,Zhao X.,Zhu L. Database Source: Embase Daily Updates Journal Title: Frontiers in Immunology,Frontiers in Immunology Article Title: Long-Term Kinetics of SARS-CoV-2 Antibodies and Impact of Inactivated Vaccine on SARS-CoV-2 Antibodies Based on a COVID-19 Patients Cohort Year: 2022 Issue: Volume: 13

### **Signature of long-lived memory CD8<sup>+</sup> T cells in acute SARS-CoV-2 infection**

Author Names: Adamo S.,Michler J.,Zurbuchen Y.,Cervia C.,Taeschler P.,Raeber M.E.,Baghai Sain S.,Nilsson J.,Moor A.E.,Boyman O. Database Source: Embase Weekly Updates Journal Title: Nature,Nature Article Title: Signature of long-lived memory CD8<sup>+</sup> T cells in acute SARS-CoV-2 infection Year: 2022 Issue: 7895 Volume: 602 Abstract: Immunological memory is a hallmark of

### **Endobronchial valve positioning for alveolar-pleural fistula following ICU management complicating COVID-19 pneumonia**

Author Names: Donatelli P.,Trenatacosti F.,Pellegrino M.R.,Tonelli R.,Bruzzi G.,Andreani A.,Cappiello G.F.,Andrisani D.,Gozzi F.,Mussini C.,Busani S.,Cavaliere G.V.,Girardis M.,Bertellini E.,Clini E.,Marchioni A

### **Post-acute COVID-19 syndrome in patients after 12 months from COVID-19 infection in Korea**

Author Names: Kim Y.,Bitna-Ha,Kim S.-W.,Chang H.-H.,Kwon K.T.,Bae S.,Hwang S. Database Source: Embase Weekly Updates Journal Title: BMC Infectious Diseases,BMC Infectious Diseases Article Title: Post-acute COVID-19 syndrome in patients after 12 months from COVID-19 infection in Korea Year: 2022 Issue: 1 Volume: 22 Abstract: Background: As the coronavirus disease 2019 (COVID-19)

### **Post-COVID-19 persistent headache: A multicentric 9-months follow-up study of 905 patients**

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Author Names: Garcia-Azorin D.,Layos-Romero A.,Porta-Etessam J.,Membrilla J.A.,Caronna E.,Gonzalez-Martinez A.,Mencia AS.,Segura T.,Gonzalez-Garcia N.,Diaz-de-Teran J.,Gallardo V.J.,Gago-Veiga A.B.,Ballve A.,Trigo Lopez J.,Sastre-Real M.,Llaurado A.,Cornejo A.,de Lorenzo I.,Guerrero-Peral A.,Pozo-Rosich P

### **Long COVID and kidney disease**

Author Names: Yende S.,Parikh C.R. Database Source: Embase Weekly Updates Journal Title: Nature Reviews Nephrology,Nature Reviews Nephrology Article Title: Long COVID and kidney disease Year: 2021 Issue: 12 Volume: 17 Abstract:

### **Cardiac Magnetic Resonance Follow-Up of Children After Pediatric Inflammatory Multisystem Syndrome Temporally Associated With SARS-CoV-2 With Initial Cardiac Involvement**

Author Names: Bartoszek M.,Malek L.A.,Barczuk-Falecka M.,Brzewski M. Database Source: Embase Weekly Updates Journal Title: Journal of Magnetic Resonance Imaging,Journal of Magnetic Resonance Imaging Article Title: Cardiac Magnetic Resonance Follow-Up of Children After Pediatric Inflammatory Multisystem Syndrome Temporally Associated With SARS-CoV-2 With Initial Cardiac Involvement Year:

### **Cognitive deficits in people who have recovered from COVID-19**

Author Names: Hampshire A.,Trender W.,Chamberlain S.R.,Jolly A.E.,Grant J.E.,Patrick F.,Mazibuko N.,Williams S.C.,Barnby J.M.,Hellyer P.,Mehta M.A. Database Source: Embase Weekly Updates Journal Title: eClinicalMedicine Article Title: Cognitive deficits in people who have recovered from COVID-19 Year: 2021 Issue: Volume: 39 Abstract: Background: There is growing concern about

### **How Long Does Adaption Last for? An Update on the Psychological Impact of the Confinement in Portugal**

Author Names: Costa A.D.,Fernandes A.,Ferreira S.,Couto B.,Machado-Sousa M.,Moreira P.,Morgado P.,Pico-Perez M. Database Source: Embase Daily Updates Journal Title: International Journal of Environmental Research and Public Health,International Journal of Environmental Research and Public Health Article Title: How Long Does Adaption Last for? An Update on the Psychological Impact of the

### **Side effects following administration of the first dose of Oxford-AstraZeneca's covishield vaccine in Bangladesh: A cross-sectional study**

Author Names: Jahan N.,Rahman F.I.,Saha P.,Ether S.A.,Roknuzzaman A.S.M.,Sarker R.,Kalam K.T.,Haq K.,Nyeen J.,Himi H.Z.,Nazmul Hossain M.,Chowdhury M.H.,Uddin M.M.,Alam N.H. Database Source: Embase Weekly Updates Journal Title: Infectious Disease Reports,Infectious Disease Reports Article Title: Side effects following administration of the first dose of Oxford-AstraZeneca's covishield

### **Rehabilitative management of post-acute COVID-19: clinical pictures and outcomes**

Author Names: Guler T.,Yurdakul F.G.,Acar Sivas F.,Kilic Z.,Adiguzel E.,Yasar E.,Bodur H. Database Source: Embase Weekly Updates Journal Title: Rheumatology International,Rheumatology International Article Title: Rehabilitative management of post-acute COVID-19: clinical pictures and outcomes Year: 2021 Issue: 12 Volume: 41 Abstract: This study aimed to detect patients'

### **Endocrine Follow-Up During Post-Acute COVID-19: Practical Recommendations Based On Available Clinical Evidence**

Author Names: Pal R.,Joshi A.,Bhadada S.K.,Banerjee M.,Vaikkakara S.,Mukhopadhyay S. Database Source: Embase Daily Updates Journal Title: Endocrine practice : official journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists Article Title: Endocrine Follow-Up During Post-Acute COVID-19: Practical Recommendations Based On Available Clinical

### **Sleep disturbances following recovery from COVID-19: a comparative cross-sectional study in Egypt**

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Author Names: Abdelghani M., Alsadik M., Abdelmoaty A., Atwa S., Said A., Hassan M.  
Database Source: Embase Daily Updates Journal Title: Eastern Mediterranean health journal = La revue de sante de la Mediterranee orientale = al-Majallah al-sihhiyah li-sharq al-mutawassit Article Title: Sleep disturbances following recovery from COVID-19: a comparative cross-sectional study in Egypt Year: 2022

### **Assessment of post-covid-19 quality of life using the quality of life index**

Author Names: Algamdi M.M. Database Source: Embase Weekly Updates Journal Title: Patient Preference and Adherence, Patient Preference and Adherence Article Title: Assessment of post-covid-19 quality of life using the quality of life index Year: 2021 Issue: Volume: 15 Abstract: Background: COVID-19 has impacted many aspects of peoples' quality of life (QOL)

### **Long COVID-19 symptoms: clinical characteristics and recovery rate among non-severe outpatients over a six-month follow-up**

Author Names: Seang S., Itani O., Monsel G., Abdi B., Marcelin A.-G., Valantin M.-A., Palich R., Faycal A., Pourcher V., Katlama C., Tubiana R. Database Source: Embase Daily Updates Journal Title: Infectious diseases now Article Title: Long COVID-19 symptoms: clinical characteristics and recovery rate among non-severe outpatients over a six-month follow-up Year: 2022 Issue: Volume:

### **Effects of home drug delivery on drug-related problems: preliminary evidence for improved patient outcomes during the COVID-19 pandemic in Thailand**

Author Names: Chaomuang N., Dede A.J.O., Saokaew S., Umuaypornlert A. Database Source: Embase Journal Title: Journal of the American Pharmacists Association, Journal of the American Pharmacists Association Article Title: Effects of home drug delivery on drug-related problems: preliminary evidence for improved patient outcomes during the COVID-19 pandemic in Thailand Year: 2022 Issue:

### **European Respiratory Society Statement on Long COVID-19 Follow-Up**

Author Names: Antoniou K.M., Vasarmidi E., Russell A.-M., Andrejak C., Crestani B., Delcroix M., Dinh-Xuan A.T., Poletti V., Sverzellati N., Vitacca M., Witzernath M., Tonia T., Spanevello A. Database Source: Embase Journal Title: The European respiratory journal Article Title: European Respiratory Society Statement on Long COVID-19 Follow-Up Year: 2022 Issue: Volume: Abstract: Patients

### **COVID-19 mitigation measures to maintain access to essential health services: new opportunities with long-term benefits**

Author Names: Lickness J., Bachanas P., Tohme R., Russell A., Craig A., Hakim A. Database Source: Embase Journal Title: Pan African Medical Journal, Pan African Medical Journal Article Title: COVID-19 mitigation measures to maintain access to essential health services: new opportunities with long-term benefits Year: 2021 Issue: Volume: 40 Abstract: The coronavirus disease 2019 (COVID-19)

### **Economic Evaluation of Digital Health Interventions: Methodological Issues and Recommendations for Practice**

Author Names: Gomes M., Murray E., Raftery J. Database Source: Embase Journal Title: PharmacoEconomics, PharmacoEconomics Article Title: Economic Evaluation of Digital Health Interventions: Methodological Issues and Recommendations for Practice Year: 2022 Issue: Volume: Abstract: Health care interventions are increasingly being delivered through digital technologies, offering major

### **Evaluation of a Group-Based Exercise and Relaxation Rehabilitation Program During Hospitalization for Allogeneic Hematopoietic Stem Cell Transplant**

Author Names: Camacho Perez E., Mayo S., Lipton J.H., Chang E., De Souza L., Santa Mina D. Database Source: Embase Journal Title: PM & R : the journal of injury, function, and rehabilitation Article Title: Evaluation of a Group-Based Exercise and Relaxation Rehabilitation Program During Hospitalization for Allogeneic Hematopoietic Stem Cell Transplant Year: 2022 Issue: Volume:

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## Two months follow-up of patients with non-critical COVID-19 in Cape Town, South Africa

Author Names: Mendelsohn A.S.,Nath N.,De Sa A.,Von Pressentin K.B. Database Source: Embase Journal Title: South African family practice : official journal of the South African Academy of Family Practice/Primary Care Article Title: Two months follow-up of patients with non-critical COVID-19 in Cape Town, South Africa Year: 2022 Issue: 1 Volume: 64 Abstract: BACKGROUND: Approximately

## A Comprehensive Review of Neuromuscular Manifestations of COVID-19 and Management of Pre-Existing Neuromuscular Disorders in Children

Author Names: Goetschius D.J.,Kim Y.,Kumar A.,Paul D.,Naik S. Database Source: Embase Journal Title: Journal of Clinical Medicine,Journal of Clinical Medicine Article Title: A Comprehensive Review of Neuromuscular Manifestations of COVID-19 and Management of Pre-Existing Neuromuscular Disorders in Children Year: 2022 Issue: 4 Volume: 11 Abstract: Since the emergence of SARS-CoV-2,

## Longitudinal analysis of antibody dynamics in COVID-19 convalescents reveals neutralizing responses up to 16 months after infection

Author Names: Yang Y.,Yang M.,Peng Y.,Liang Y.,Wei J.,Xing L.,Guo L.,Li X.,Li J.,Wang J.,Li M.,Xu Z.,Zhang M.,Wang F.,Shi Y.,Yuan J.,Liu Y. Database Source: Embase Journal Title: Nature Microbiology Article Title: Longitudinal analysis of antibody dynamics in COVID-19 convalescents reveals neutralizing responses up to 16 months after infection Year: 2022 Issue: Volume: Abstract:

## Long-Term Effectiveness of the TIME Intervention to Improve Diabetes Outcomes in Low-Income Settings: a 2-Year Follow-Up

Author Names: Vaughan E.M.,Johnson E.,Naik A.D.,Ampoker A.B.,Balasubramanyam A.,Virani S.S.,Ballantyne C.M.,Johnston C.A.,Foreyt J.P. Database Source: Embase Journal Title: Journal of General Internal Medicine,Journal of General Internal Medicine Article Title: Long-Term Effectiveness of the TIME Intervention to Improve Diabetes Outcomes in Low-Income Settings: a 2-Year Follow-Up Year:

## THE LONG ROAD OF PANDEMIC VACCINE DEVELOPMENT TO ROLLOUT: A SYSTEMATIC REVIEW ON THE LESSONS LEARNT FROM THE 2009 H1N1 INFLUENZA PANDEMIC

Author Names: Ankomah A.A.,Moa A.,Chughtai A.A. Database Source: Embase Journal Title: American journal of infection control Article Title: THE LONG ROAD OF PANDEMIC VACCINE DEVELOPMENT TO ROLLOUT: A SYSTEMATIC REVIEW ON THE LESSONS LEARNT FROM THE 2009 H1N1 INFLUENZA PANDEMIC Year: 2022 Issue: Volume: Abstract: BACKGROUND: The 2009 Influenza A(H1N1) pandemic prompted one of the

## Analysing the trends in breast surgery practice during COVID-19 pandemic: A comparative study with the Pre-COVID era

Author Names: Vohra L.M.,Jabeen D.,Khan N.,Nizar A.,Jamil A.,Siddiqui T. Database Source: Embase Journal Title: Annals of Medicine and Surgery,Annals of Medicine and Surgery Article Title: Analysing the trends in breast surgery practice during COVID-19 pandemic: A comparative study with the Pre-COVID era Year: 2022 Issue: Volume: 74 Abstract: Background: The emergence of

## Development, deployment and evaluation of digitally enabled, remote, supported rehabilitation for people with long COVID-19 (Living With COVID-19 Recovery): protocol for a mixed-methods study

Author Names: Murray E.,Goodfellow H.,Bindman J.,Blandford A.,Bradbury K.,Chaudhry T.,Fernandez-Reyes D.,Gomes M.,Hamilton F.L.,Heightman M.,Henley W.,Hurst J.R.,Hylton H.,Linke S.,Pfeffer P.,Ricketts W.,Robson C.,Singh R.,Stevenson F.A.,Walker S.,Waywell J

## Organization of Post-Transplant Care and the 5-Year Outcomes of Kidney Transplantation

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Author Names: Szymanska A., Mucha K., Kosieradzki M., Nazarewski S., Paczek L., Foronczewicz B. Database Source: Embase Journal Title: International Journal of Environmental Research and Public Health, International Journal of Environmental Research and Public Health Article Title: Organization of Post-Transplant Care and the 5-Year Outcomes of Kidney Transplantation Year: 2022 Issue: 4

### **Inpatient rehabilitation can improve functional outcomes of post-intensive care unit COVID-19 patients-a prospective study**

Author Names: Rodrigues M., Costa A.J., Santos R., Diogo P., Goncalves E., Barroso D., Almeida M.P., Vaz I.M., Lima A. Database Source: Embase Journal Title: Disability and rehabilitation Article Title: Inpatient rehabilitation can improve functional outcomes of post-intensive care unit COVID-19 patients-a prospective study Year: 2022 Issue: Volume: Abstract: PURPOSE: To evaluate the

### **Comparative Propensity Matched Outcomes in Severe COVID-19 Respiratory Failure-Extracorporeal Membrane Oxygenation or Maximum Ventilation Alone**

Author Names: Mustafa A.K., Joshi D.J., Alexander P.J., Tabachnick D.R., Cross C.A., Jweied E.E., Mody N.S., Huh M.H., Fasih S., Pappas P.S., Tatrooles A.J. Database Source: Embase Journal Title: Annals of Surgery, Annals of Surgery Article Title: Comparative Propensity Matched Outcomes in Severe COVID-19 Respiratory Failure-Extracorporeal Membrane Oxygenation or Maximum Ventilation Alone Year: 2021

### **A clinical review of long-COVID with a focus on the respiratory system**

Author Names: Daines L., Zheng B., Pfeffer P., Hurst J.R., Sheikh A. Database Source: Embase Journal Title: Current opinion in pulmonary medicine Article Title: A clinical review of long-COVID with a focus on the respiratory system Year: 2022 Issue: Volume: Abstract: PURPOSE OF REVIEW: Persistence of symptoms after acute coronavirus disease 2019 (COVID-19), often described as

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