# Bilaga 2 Studier som exkluderats efter relevansbedömning/Appendix 2 Excluded articles

Här redovisas de studier (588 st) som, av två personer oberoende av varandra, bedömts som ej relevanta för denna SBU-rapport och därmed exkluderats, samt orsak för exklusion./Presented below are the studies (n = 588) that were independently assessed by two reviewers as not relevant to this report, together with the reason for exclusion.

## Studies excluded after relevance assessment

| Study | Reason for exclusion |
|---|---|
| Handheld breathing device could reduce breathlessness and improve physical fitness in long COVID patients. Operating Theatre Journal. 2022(378):2-. | Wrong study design |
| Innovating in response to Long Covid. Frontline (20454910). 2022;28(2):48-51. | Wrong study design |
| Post COVID-19 organizing pneumonia treated with mycophenolate mofetil. Respirology (Carlton, Vic). 2021;26:473-4. Available from https://doi.org/10.1111/resp.14150_969 | Wrong study design |
| Pulmonary function after nintedanib treatment in post-COVID-19 pulmonary fibrosis. Respirology (Carlton, Vic). 2021;26:94-5. Available from https://doi.org/10.1111/resp.14150_55 | Wrong study design |
| SSRIs show rapid effects in post-COVID depression. Brown University Psychopharmacology Update. 2022;33(3):8-. Available from https://doi.org/10.1002/pu.30844 | Wrong study design |
| Women with long COVID-19 may need targeted rehabilitation to help counter problems with physical activity tolerance. Operating Theatre Journal 2021:20-20. | Wrong study design |
| Aaraj MA, Boorinie M, Salfity L, Eweiss A. The use of Platelet rich Plasma in COVID-19 Induced Olfactory Dysfunction: Systematic Review. Indian Journal of Otolaryngology & Head & Neck Surgery. 2023:1-5. Available from: https://doi.org/10.1007/s12070-023-03938-4. | Wrong publication type |

| Study | Reason for exclusion |
|---|---|
| Abbas MAM, Afify AM, Sayed AM. Impact of Different Exercise Techniques on Menstrual Pain Severity in Postacute Covid-19 Women. Journal of Population Therapeutics and Clinical Pharmacology. 2023;30(7):e177-e83. Available from: https://doi.org/10.47750/jptcp.2023.30.07.022. | Wrong patient population |
| Abdelalim AA, Mohamady AA, Elsayed RA, Elawady MA, Ghallab AF. Corticosteroid nasal spray for recovery of smell sensation in COVID-19 patients: A randomized controlled trial. Am J Otolaryngol. 2021;42(2):102884. Available from https://doi.org/10.1016/j.amjoto.2020.102884 | Wrong population |
| Abdelmaksoud AA, Ghweil AA, Hassan MH, Rashad A, Khodeary A, Aref ZF, et al. Olfactory Disturbances as Presenting Manifestation Among Egyptian Patients with COVID-19: Possible Role of Zinc. Biol Trace Elem Res. 2021;199(11):4101-8. Available from https://doi.org/10.1007/s12011-020-02546-5 | Wrong population |
| Abodonya, A. M., Abdelbasset, W. K., Awad, E. A., Elalfy, I. E., Salem, H. A., Elsayed, S. H. (2021). Inspiratory muscle training for recovered COVID-19 patients after weaning from mechanical ventilation: A pilot control clinical study. Medicine, 100(13), e25339. Available from https://doi.org/10.1097/MD.0000000000025339 | Wrong population |
| Abreus Mora JL, González Curbelo VB, Mena Pérez O, Abreus Vázquez JA, DelSol Santiago FJ, Bernal Valladares EJ. PHYSICAL REHABILITATION AND COVID-19. Universidad y Sociedad. 2022;14:172-83. Available from https://rus.ucf.edu.cu/index.php/rus/article/view/2620 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Abuhelaiqa E, Alkadi MM, Khan S, Nauman A, Othman M, Al-Malki HA. Sustained low-efficiency dialysis vs. Continuous renal replacement therapy in critically ill COVID-19 Patients. J Am Soc Nephrol. 2021;32:105. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1489273 | Wrong study design |
| Acat M, Yildiz Gulhan P, Oner S, Turan MK. The performance of artificial intelligence supported Thoracic CT to evaluate the radiologic improvement in patients with COVID-19 pneumonia: comparision pirfenidon vs. corticosteroid. Int J Clin Pract. 2021:e14961. | Wrong population |
| Acosta-Dighero R, Rodriguez-Nunez I, Solis-Grant MJ, Torres-Castro R, Garcia-Soto C. Post COVID-19 rehabilitation: A current challenge. Rehabilitacion post COVID-19: un desafio vigente. 2020;148(10):1531-2. Available from https://doi.org/10.4067/S0034-98872020001001531 | Wrong study design |
| Adamova A, Laskov O, Biackova N, Novak T, Vorackova V, Renka J, Klirova M. Transcranial Direct Current Stimulation (TDCS) As A Therapeutic Intervention For Post-Acute Neuropsychiatric Sequelae Of SARS-COV-2. Brain stimulation. 2023;16(1):248. Available from: https://doi.org/10.1016/j.brs.2023.01.394. | Wrong publication type |
| Affeldt S, Alcorn P, Duke T, Raynes E. Role of physical therapy in reducing length Wrong www.sbu.se/328e2 (34) of stay and occurrence of post intensive care syndrome among COVID 19 patients admitted to the intensive care unit. The FASEB Journal. 2021;35. Available from https://doi.org/10.1096/fasebj.2021.35.S1.03232 | Wrong population |
| Agostini F, Mangone M, Ruiu P, Paolucci T, Santilli V, Bernetti A. Rehabilitation setting during and after Covid-19: An overview on recommendations. J Rehabil Med. 2021;53(1):jrm00141. Available from https://doi.org/10.2340/16501977-2776 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Ahmadi Marzaleh M, Peyravi M, Azhdari N, Bahaadinbeigy K, Sharifian R, Samad-Soltani T, Sarpourian F. Virtual reality applications for rehabilitation of COVID-19 patients: A systematic review. Health Sci Rep. 2022;5(6):e853. Available from: https://doi.org/10.1002/hsr2.853. | Wrong patient population |
| Ahmed I, Mustafaoglu R, Yeldan I, Yasaci Z, Erhan B. Effect of Pulmonary Rehabilitation Approaches on Dyspnea, Exercise Capacity, Fatigue, Lung Functions, and Quality of Life in Patients With COVID-19: A Systematic Review and Meta-analysis. Archives of Physical Medicine and Rehabilitation. 2022;103(10):2051-62. Available from: https://doi.org/10.1016/j.apmr.2022.06.007. | Wrong patient population |
| Ahmed I, Inam AB, Belli S, Ahmad J, Khalil W, Jafar MM. Effectiveness of aerobic exercise training program on cardio-respiratory fitness and quality of life in patients recovered from COVID-19. Eur J Physiother. 2021. Available from https://doi.org/10.1080/21679169.2021.1909649 | Wrong study design |
| Aiyegbusi OL, Hughes SE, Turner G, Rivera SC, McMullan C, Chandan JS, et al. Symptoms, complications and management of long COVID: a review. J R Soc Med. 2021;114(9):428-42. 2021;14(6):1672-3. Available from https://doi.org/10.1177/01410768211032850 | Wrong study design |
| Al Chikhanie Y, Veale D, Vergès S, Hérengt F. Suivi à 6 mois de patients post-COVID19 réanimés, intubés et réhabilités. Revue des Maladies Respiratoires Actualités 2022;14:181-81. Available from https://doi.org/10.1016/j.rmra.2021.11.313 | Wrong study design |
| Alawna M, Amro M, Mohamed AA. Aerobic exercises recommendations and specifications for patients with COVID-19: a systematic review. Eur Rev Med Pharmacol Sci. 2020;24(24):13049-55. Available from https://doi.org/10.26355/eurrev_202012_24211 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Albiach C, Dominguez E, Lopez L, Sastre C, Minguez S, Nunez J, Palau Sampio P. Effect of a home-based inspiratory muscle training program on functional capacity in post-discharged patients with long COVID: the InsCOVID trial. European journal of preventive cardiology. 2023;30:i26. Available from: https://doi.org/10.1093/eurjpc/zwad125.021. | Only abstract |
| Albu S, Rivas Zozaya N, Murillo N, Garcia-Molina A, Figueroa Chacon CA, Kumru H. Multidisciplinary outpatient rehabilitation of physical and neurological sequelae and persistent symptoms of covid-19: a prospective, observational cohort study. Disabil Rehabil. 2021:1-8. Available from https://www.tandfonline.com/doi/full/10.1080/09638288.2021.1977398 | Wrong control |
| Alcazar-Navarrete B, Molina Paris J, Martin Sanchez FJ. Management and Follow up of Respiratory Patients in the Post-COVID-19 Era: Are We Ready Yet? Seguimiento del paciente con enfermedad respiratoria en la era post-COVID-19: estamos preparados? 2020;56(10):685-6. Available from https://doi.org/10.1016/j.arbr.2020.08.005 | Wrong study design |
| Alenskaya TL. Innovative methods of rehabilitation at the outpatient and homestages in patients after pneumonia covid-19. Meditsinskiy Sovet. 2021;2021(4):220-9. Available from https://doi.org/10.21518/2079-701X-2021-4-220-229 | Wrong study design |
| Alexandre F, Castanyer A, Vernet A, Aliaga-Parera JL, Oliver N, Oliver N, et al. Late Breaking Abstract - Effects of pulmonary rehabilitation on major symptoms of long COVID (post-COVID-19 syndrome): preliminary results. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA3896 | Wrong study design |
| Alizadeh S, Taklavi S, Alilou MM, Feizipour H. The effectiveness of existential therapy on death anxiety and meaning of life in recovered patients of COVID-19. Urmia Medical Journal. 2021;32(5):388-98. Available from http://umj.umsu.ac.ir/article-1-5557-en.html | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Al-Mhanna SB, Mohamed M, Noor NM, Afolabi HA, Irekeola AA, Bello KE, et al. Effectiveness of Pulmonary Rehabilitation among COVID-19 Patients: A Systematic Review and Meta-Analysis. Healthcare (Basel). 2022;10(11):26. Available from: https://doi.org/10.3390/healthcare10112130. | Wrong patient population |
| Alrajhi B, Alrodiman OA, Alhuzali AF, Alrashed H, Alrodiman YA, Alim B. Platelet-rich plasma for the treatment of COVID-19 related olfactory dysfunction: a systematic review. Rhinology. 2023;61(6):498-507. Available from: https://doi.org/10.4193/Rhin23.168. | Wrong patient population; |
| Alsharidah AS, Kamel FH, Alanazi AA, Alhawsah EA, Alharbi HK, Alrshedi ZO, Basha MA. A Pulmonary Telerehabilitation Program Improves Exercise Capacity and Quality of Life in Young Females Post-COVID-19 Patients. Ann Rehabil Med. 2023;47(6):502-10. Available from: https://doi.org/10.5535/ARM.23060. | Wrong patient population |
| AlZaben M, Al Adwan F. The Effectiveness of a Counselling Program in Reducing the Death Anxiety and Improving Self-Efficacy Among a Sample of Female Middle-Aged Teachers Recovered from COVID-19 Virus. Omega. 2022:302228221086704. Available from https://doi.org/10.1177/00302228221086704 | Wrong population |
| Ambrosino P, Molino A, Calcaterra I, Formisano R, Stufano S, Spedicato GA, et al. Clinical Assessment of Endothelial Function in Convalescent COVID-19 Patients Undergoing Multidisciplinary Pulmonary Rehabilitation. Biomedicines. 2021;9(6). Available from https://doi.org/10.3390/biomedicines9060614 | Wrong study design |
| A MCP, M BCS, L PGM, A CC, R AFD, M ABR. Physical therapy rehabilitation after hospital discharge in patients affected by COVID-19: a systematic review. BMC Infect Dis. 2023;23(1):535. Available from: https://doi.org/10.1186/s12879-023-08313-w. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Amini A, Vaezmousavi M, Shirvani H. Comparing the effect of individual and group cognitive-motor training on reconstructing subjective well-being and quality of life in older males, recovered from the COVID-19. Cogn Process. 2023;10:10. Available from: https://doi.org/10.1007/s10339-023-01136-2. | Wrong patient population |
| An X, Duan L, Zhang YH, Jin D, Zhao S, Zhou RR, et al. The three syndromes and six Chinese patent medicine study during the recovery phase of COVID-19. Chin Med. 2021;16(1):44. Available from https://doi.org/10.1186/s13020-021-00454-x | Wrong study design |
| An YW, Yuan B, Wang JC, Wang C, Liu TT, Song S, et al. Clinical characteristics and impacts of traditional Chinese medicine treatment on the convalescents of COVID-19. Int J Med Sci. 2021;18(3):646-51. Available from https://doi.org/10.7150/ijms.52664 | Wrong population |
| Andina-Martinez D, Alonso-Cadenas JA, Cobos-Carrascosa E, Bodegas I, Oltra-Benavent M, Plazaola A, et al. SARS-CoV-2 acute bronchiolitis in hospitalized children: neither frequent nor more severe. Pediatr Pulmonol. 2021. Available from https://doi.org/10.1002/ppul.25731 | Wrong intervention |
| Andre MC, Sanchez C, Bressieux-Degueldre S, Perez MH, Wütz D, Blanchard-Rohner G, et al. Cardiac assessment and inflammatory markers in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV2 (PIMS-TS) treated with methylprednisolone versus intravenous immunoglobulins: 6-month follow-up outcomes of the. EClinicalMedicine. 2024;67:102358. Available from: https://doi.org/10.1016/j.eclinm.2023.102358. | Wrong study design |
| Andrenelli E, Negrini F, de Sire A, Lazzarini SG, Patrini M, Ceravolo MG, et al. Rehabilitation and COVID-19: update of the rapid living systematic review by Cochrane Rehabilitation Field as of October 31st, 2021. Eur J Phys Rehabil Med. 2022. Available from https://doi.org/10.23736/S1973-9087.22.07434-2 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Ansari S, Sanjari Moghaddam H, Basti FA, Salehi M, Akhondzadeh S. Efficacy and safety of celecoxib monotherapy for treatment of moderate depressive symptoms following COVID-19 infection: A randomized, double-blind, placebo-controlled trial. J Psychosom Res. 2023;174:111471. Available from: https://doi.org/10.1016/j.jpsychores.2023.111471. | Wrong patient population |
| Antoniou KM, Vasarmidi E, Russell A-M, Andrejak C, Crestani B, Delcroix M, et al. European Respiratory Society Statement on Long COVID-19 Follow-Up. The European respiratory journal 2022. Available from https://doi.org/10.1183/13993003.02174-2021 | Wrong study design |
| Arefnasab Z, Babamahmoodi A, Babamahmoodi F, Marjani M. Effects of Mindfulness-based Stress Reduction (MBSR) intervention on mental healthand plasma level of IL-17 in patients with long COVID-19. Neuroimmunomodulation. 2023;30:9. Available from: https://doi.org/10.1159/000533613. | Wrong publication type |
| Arentz S, Hunter J, Khamba B, Mravunac M, Lee Z, Alexander K, et al. Honeybee products for the treatment and recovery from viral respiratory infections including SARS-COV-2: A rapid systematic review. Integrative medicine research. 2021:100779. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8483994/pdf/main.pdf | Wrong population |
| Arienti C, Kiekens C, Bettinsoli R, Engkasan JP, Frischknecht R, Gimigliano F, et al. Cochrane Rehabilitation: 2020 annual report. Eur J Phys Rehabil Med. 2021;57(2):303-8. Available from https://doi.org/10.23736/s1973-9087.21.06877-5 | Wrong study design |
| Arienti C, Cordani C, Lazzarini SG, Del Furia MJ, Negrini S, Kiekens C. Fatigue, post-exertional malaise and orthostatic intolerance: a map of Cochrane evidence relevant to rehabilitation for people with post COVID-19 condition. Eur J Phys Rehabil Med. 2022;58(6):857-63. Available from: https://doi.org/10.23736/S1973-9087.22.07802-9. | Wrong publication type |

| Study | Reason for exclusion |
|---|---|
| Arora K, Chauhan D, Gupta M, Bhati P, Anand P, Hussain ME. Impact of tele rehabilitation on clinical outcomes in patients recovering from COVID-19: a preliminary investigation. Comp Exerc physiol. 2022;18(4):297-304. Available from: https://doi.org/10.3920/CEP210048. | Wrong patient population |
| Aryana I, Setiati S, Paulus IB, Daniella D. Appropriate Timing and Type of Physical Training in Patients with COVID-19 for Muscle Health and Quality of Life: A Systematic Review. J Nutr Metab. 2022;2022:6119593. Available from: https://doi.org/10.1155/2022/6119593. | Wrong patient population |
| Arzayus-Patiño L, Perez-Hortua V, Aguilar-Zambrano J, Asencio-Santofimio H, Wilches-Luna EC. Effectiveness of Incentive Spirometry on Lung Function in Adult COVID-19 in the Acute and Post-COVID-19 Phase: Exploratory Review. Current Respiratory Medicine Reviews. 2023;19(3):218-27. Available from: https://doi.org/10.2174/1573398X19666230510142203. | Wrong study design |
| Ashra F, Jen HJ, Liu D, Lee TY, Pien LC, Chen R, et al. Effectiveness of respiratory rehabilitation in patients with COVID-19: A meta-analysis. J Clin Nurs. 2023;21:21. Available from: https://doi.org/10.1111/jocn.16692. | Wrong patient population |
| Asly M, Hazim A. Rehabilitation of post-COVID-19 patients. The Pan African medical journal. 2020;36:168. Available from https://doi.org/10.11604/pamj.2020.36.168.23823 | Wrong study design |
| Asvapoositkul V, Samuthpongtorn J, Aeumjaturapat S, Snidvongs K, Chusakul S, Seresirikachorn K, Kanjanaumporn J. Therapeutic options of post-COVID-19 related olfactory dysfunction: a systematic review and meta-analysis. Rhinology. 2023;61(1):2-11. Available from: https://doi.org/10.4193/Rhin22.221. | Wrong patient population |
| Austelle C, Badran B, Huffman S, Dancy M, Kautz S, George M. At-home telemedicine controlled taVNS twice daily for 4 weeks reduces long COVID symptoms of anxiety and fatigue. Brain Stimul. 2021;14(6):1703. Available from https://doi.org/10.1016/j.brs.2021.10.368 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Avancini A, Belluomini L, Benato G, Trestini I, Tregnago D, Menis J, et al. Exercise for counteracting post-acute COVID-19 syndrome in patients with cancer: an old but gold strategy? Acta Oncol. Department of Oncology, University of Verona Hospital Trust, Verona, Italy Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona, Verona, Italy Philadelphia, Pennsylvania: Taylor & Francis Ltd; 2022. p. 388-92. Available from https://doi.org/10.1080/0284186X.2021.2009565 | Wrong study design |
| Ayoubkhani D, Bermingham C, Pouwels K, Glickman M, Nafilyan V, Zaccardi F, et al. Changes in the trajectory of Long Covid symptoms following COVID-19 vaccination: community-based cohort study (preprint). Available from https://doi.org/10.1101/2021.12.09.21267516 | Wrong study design |
| Ayoubkhani D, Bermingham C, Pouwels KB, Glickman M, Nafilyan V, Zaccardi F, et al. Trajectory of long covid symptoms after covid-19 vaccination: community based cohort study. BMJ (Clinical research ed). 2022;377:e069676. Available from https://doi.org/10.1136/bmj-2021-069676 | Wrong population |
| Azzolino D, Passarelli PC, D'Addona A, Cesari M. Nutritional strategies for the rehabilitation of COVID-19 patients. Eur J Clin Nutr. 2021;75(4):728-30. Available from https://doi.org/10.1038/s41430-020-00795-0 | Wrong study design |
| Babliuk L, Fediaeva S, Babova I, Mesoedova V, Tamazlykar S. Rehabilitation of post-COVID patients with chronic fatigue and cognitive disorders syndromes. Balneo and Prm Research Journal. 2022;13(1):9-. Available from https://doi.org/10.12680/balneo.2022.497 | Wrong study design |
| Bagri NK, Deepak RK, Meena S, Gupta SK, Prakash S, Setlur K, et al. Outcomes of multisystem inflammatory syndrome in children temporally related to COVID-19: a longitudinal study. Rheumatol Int. 2021. Available from https://doi.org/10.1007/s00296-021-05030-y | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Baig M, Joo M, Nada KMSA, Deer R, Seashore J. Pulmonary Rehabilitation and Its Role in Long-Term COVID-19 Recovery. Am J Respir Crit Care Med. 2021;203(9). Available from https://doi.org/10.1164/ajrccmconference.2021.203.1_MeetingAbstracts.A4118 | Wrong study design |
| Baily-Scanlan C, Kehoe B, Moloney E. Implementation of a Virtual Pulmonary Rehabilitation Programme for patients with chronic respiratory disease in response to the COVID-19 pandemic. Ir. J. Med. Sci. 2021;190:192-92. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1576752 | Wrong study design |
| Bailly M, Pelissier L, Coudeyre E, Evrard B, Bingula R, Rochette C, et al. Systematic Review of COVID-19-Related Physical Activity-Based Rehabilitations: Benefits to Be Confirmed by More Robust Methodological Approaches. Int J Environ Res Public Health. 2022;19(15):25. Available from: https://doi.org/10.3390/ijerph19159025. | Wrong patient population |
| Balakrishnan B, Hamrick L, Alam A, Thompson J. Effects of COVID-19 Acute Respiratory Distress Syndrome ICU Survivor Telemedicine Clinic on Patient Readmission, Pain Perception and Self-Assessed Health Scores: A Randomized, Prospective, Single-Center Exploratory Study. JMIR formative research. 2023;7:e43759. Available from: https://doi.org/10.2196/43759. | Wrong patient population |
| Bangash MN, Owen A, Alderman JE, Chotalia M, Patel JM, Parekh D. COVID-19 recovery: potential treatments for post-intensive care syndrome. The Lancet Respiratory medicine. 2020;8(11):1071-3. Available from https://doi.org/10.1016/S2213-2600(20)30457-4 | Wrong study design |
| Barbara C, Clavario P, De Marzo V, Lotti R, Guglielmi G, Porcile A, et al. Effects of exercise rehabilitation in patients with long COVID-19. European journal of preventive cardiology. 2022. Available from https://doi.org/10.1093/eurjpc/zwac019 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Bari E, Ferrarotti I, Saracino L, Perteghella S, Torre ML, Richeldi L, et al. Mesenchymal stromal cell secretome for post-covid-19 pulmonary fibrosis: A new therapy to treat the long-term lung sequelae? Cells. 2021;10(5). Available from https://doi.org/10.3390/cells10051203 | Wrong study design |
| Baricich A, Borg MB, Cuneo D, Cadario E, Azzolina D, Balbo PE, et al. Midterm functional sequelae and implications in rehabilitation after COVID-19: a crosssectional study. Eur J Phys Rehabil Med. 2021;57(2):199-207. Available from https://doi.org/10.23736/s1973-9087.21.06699-5 | Wrong study design |
| Barker-Davies, R. M., O'Sullivan, O., Senaratne, K., Baker, P., Cranley, M., Dharm-Datta, S., et al. (2020). The Stanford Hall consensus statement for post-COVID-19rehabilitation. British journal of sports medicine, 2020;54(16), 949-59. Available from https://doi.org/10.1136/bjsports-2020-102596 | Wrong study design |
| Barrett C, Pelow L. A clinical audit to determine the outcome of inpatient exercise rehabilitation on outcomes including functional capacity, dyspnoea and muscle strength in patients diagnosed with COVID-19. Ir J Med Sci. 2021;190:S8-S. Available from https://irishthoracicsociety.com/eposter/a-clinical-audit-todetermine-the-outcome-of-inpatient-exercise-rehabilitation-on-outcomesincluding-functional-capacity-dyspnoea-and-muscle-strength-in-patientsdiagnosed-with-covid-19/ | Wrong study design |
| Barros A, Anderson Vajão Silva F, Araújo de Carvalho S. Atuação da fisioterapia respiratória em pacientes pós Covid-19: Uma revisão sistemática. Brazilian Journal of Health Review. 2021;4:24663-75. Available from: https://doi.org/10.34119/bjhrv4n6-084 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Barros CMSS, Freire RS, Frota E, Rezende Santos AG, Farias MEL, Rodrigues MGA, et al. Short-Course of Methylprednisolone Improves Respiratory Functional Parameters After 120 Days in Hospitalized COVID-19 Patients (Metcovid Trial): A Randomized Clinical Trial. Frontiers in medicine 2021;8:758405. Available from https://doi.org/10.3389/fmed.2021.758405 | Wrong population |
| Basu D, Chavda VP, Mehta AA. Therapeutics for COVID-19 and post COVID-19 complications: An update. Current research in pharmacology and drug discovery 2022:100086. Available from https://doi.org/10.1016/j.crphar.2022.100086 | Wrong study design |
| Bates A, Cusack R, Rushbrook S, Shapiro E, Golding H, Pattison N, et al. Can eye movement desensitisation and reprocessing improve psychological recovery following COVID-19 related critical illness? the CovEMERALD feasibility trial. Journal of the intensive care society. 2023;24(1):104-5. Available from: https://doi.org/10.1177/17511437231156066. | Wrong publication type |
| Baum P, Bleckwenn M, Laufs U. [Diagnostics and treatment of post-covidsyndrome: a multidisciplinary approach]. Post-Covid-Syndrom: Wie diagnostizieren, wie behandeln? 2022;164:36-39. Available from https://doi.org/10.1007/s15006-021-0541-0 | Wrong study design |
| Bazdyrev E, Rusina P, Panova M, Novikov F, Grishagin I, Nebolsin V. Lung Fibrosis after COVID-19: Treatment Prospects. Pharmaceuticals (Basel) 2021;14. Available from https://doi.org/10.3390/ph14080807 | Wrong study design |
| Bazdyrev E, Panova M, Brachs M, Smolyarchuk E, Tsygankova D, Gofman L, et al. Efficacy and safety of Treamid in the rehabilitation of patients after COVID-19 pneumonia: a phase 2, randomized, double-blind, placebo-controlled trial. J. 2022;20(1):506. Available from: https://doi.org/10.1186/s12967-022-03660-9. | Wrong patient population |
| Becker F, Laake JH, Hofso K. Rehabilitation after Covid-19. Tidsskr. Nor. Laegeforen. 2020;140:880-83. Available from https://doi.org/10.4045/tidsskr.20.0352 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Belcaro G, Cornelli U, Cesarone MR, Scipione C, Scipione V, Hu S, et al. Preventive effects of Pycnogenol R on cardiovascular risk factors (including endothelial function) and microcirculation in subjects recovering from coronavirus disease 2019 (COVID-19). Minerva Med. 2021. Available from https://doi.org/10.23736/s0026-4806.21.07650-3 | Wrong population |
| Benzakour LBG. Update of the Potential Treatments for Psychiatric and Neuropsychiatric Symptoms in the Context of the Post-COVID-19 Condition: Still a Lot of Suffering and Many More Things to Learn. Trauma Care. 2022;2(2):131-50. Available from https://doi.org/10.3390/traumacare2020011 | Wrong study design |
| Berkel ST, Schneeberger T, Leitl D, Jarosch I, Gloeckl R, Nell C, et al. An automatically titrating oxygen-flow system during walking in hypoxaemic post-COVID-19 patients - A randomized controlled double-blind cross-over pilot trial. Respir. 2023;84:101060. Available from: https://doi.org/10.1016/j.resmer.2023.101060. | Wrong patient population |
| Bernal-Utrera C, Montero-Almagro G, Anarte-Lazo E, Gonzalez-Gerez JJ, Rodriguez-Blanco C, Saavedra-Hernandez M. Therapeutic Exercise Interventions through Telerehabilitation in Patients with Post COVID-19 Symptoms: A Systematic Review. J. 2022;11(24):19. Available from: https://doi.org/10.3390/jcm11247521. | Wrong patient population |
| Bertolucci F, Sagliocco L, Tolaini M, Posteraro F. Comprehensive rehabilitation treatment for sub-acute COVID-19 patients: an observational study. Eur J Phys Rehabil Med. 2021;57(2):208-15. Available from https://doi.org/10.23736/s1973-9087.21.06674-0 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Besnier F, Malo J, Mohammadi H, Gagnon C, Iglesies-Grau J, Juneau M, et al. CARDIOPULMONARY REHABILITATION IMPROVES CARDIORESPIRATORY FITNESS IN LONG-COVID-19 PATIENTS: a RANDOMIZED CONTROLLED TRIAL. Canadian journal of cardiology. 2023;39(10):S178-S9. Available from: https://doi.org/10.1016/j.cjca.2023.06.272. | Wrong publication type |
| Betka S, Oliver K, Jemina F, Florian L, Sylvain C, Aline S, et al. Virtual reality intervention alleviates dyspnea in patients recovering from COVID pneumonia. European respiratory journal. 2022;60. Available from: https://doi.org/10.1183/13993003.congress-2022.1205. | Wrong patient population |
| Biackova N, Klirova M, Vorackova V, Adamova A, Novak T, Renka J, Laskov O. Treatment of cognitive symptoms in post-COVID-19 syndrome – a transcranial direct current stimulation (tDCS) approach. Brain stimulation. 2023;16(1):247. Available from: https://doi.org/10.1016/j.brs.2023.01.391. | Fulltext missing |
| Bileviciute-Ljungar I, Norrefalk JR, Borg K. Improvements in functioning and activity according to ICF after 8-week multidisciplinary telerehabilitation for postcovid-19 condition – a randomized control study. Journal of the neurological sciences. 2023;455. Available from: https://doi.org/10.1016/j.jns.2023.122148. | Wrong publication type |
| Birch S, Alraek T, Grobe S. Reflections on the potential role of acupuncture and Chinese herbal medicine in the treatment of Covid-19 and subsequent health problems. Integrative medicine research. 2021;10:100780. Available from https://doi.org/10.1016/j.imr.2021.100780 | Wrong study design |
| Birtolo LI, Prosperi S, Monosilio S, Cimino S, Filomena D, Alfarano M, et al. Follow-up of hospitalized COVID-19 survivors: Assessment of short- and longterm cardiovascular sequelae after SARS-CoV-2 infection. European Heart Journal, Supplement 2021;23:G97. Available from https://doi.org/10.1093/eurheartj/suab135.039 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Boglione L, Meli G, Poletti F, Rostagno R, Moglia R, Cantone M, et al. Risk factors and incidence of Long-COVID syndrome in hospitalized patients: does remdesivir have a protective effect? QJM : monthly journal of the Association of Physicians. 2021. Available from https://doi.org/10.1093/qjmed/hcab297 | Wrong population |
| Bogolepova AN, Osinovskaya NA, Kovalenko EA, Makhnovich EV. Fatigue and cognitive impairment in post-COVID syndrome: possible treatment approaches. Nevrologiya, Neiropsikhiatriya, Psikhosomatika. 2021;13(4):88-93. Available from https://doi.org/10.14412/2074-2711-2021-4-88-93 | Wrong study design |
| Boisvert I, Bujold M, Saury S. État des connaissances - Pratiques visant à mesurer ou réduire les symptômes psychologiques des personnes qui présentent une affection post-COVID-19 2022. | Wrong study design |
| Bontsevich R, Vovk Y, Solovyova L. COVID-19: treatment of early chronic COVID syndrome. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA3674 | Wrong study design |
| Bordas-Martinez J, Luzardo-Gonzalez A, Arencibia A, Tormo F, Mateu L, Vicens-Zygmunt V, et al. Effects of Early Physical Therapy and Follow-Up in Acute Severe Coronavirus Disease 2019 Pneumonia: A Retrospective Observational Study. Frontiers in medicine. 2022;9:866055. Available from https://doi.org/10.3389/fmed.2022.866055 | Wrong population |
| Borg K, Stam H. Rehabilitation of post-Covid-19 syndrome – once again a call for action! Journal of Rehabilitation Medicine (Stiftelsen Rehabiliteringsinformation). 2021;53(1):1-. Available from https://doi.org/10.2340/16501977-2783 | Wrong study design |
| Botek M, Krejci J, Valenta M, McKune A, Sladeckova B, Konecny P, et al. Molecular Hydrogen Positively Affects Physical and Respiratory Function in Acute Post-COVID-19 Patients: A New Perspective in Rehabilitation. Int J Environ Res Public Health. 2022;19(4). Available from https://doi.org/10.3390/ijerph19041992 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Boutou AK, Asimakos A, Kortianou E, Vogiatzis I, Tzouvelekis A. Long COVID- 19Pulmonary Sequelae and Management Considerations. Journal of personalized medicine. 2021;11(9). Available from https://www.mdpi.com/2075-4426/11/9/838 | Wrong study design |
| Bradbury J, Wilkinson S, Schloss J. Nutritional Support During Long COVID: A Systematic Scoping Review. J Integr Complement Med. 2023;26:26. Available from: https://doi.org/10.1089/jicm.2022.0821. | Wrong publication type |
| Brennan A, Broughan JM, McCombe G, Brennan J, Collins C, Fawsitt R, et al. Enhancing the management of long COVID in general practice: a scoping review. BJGP open. 2022. Available from https://doi.org/10.3399/BJGPO.2021.0178 | Wrong population |
| Bressi B, Paltrinieri S, Fugazzaro S, Costi S. Letter to the editor: Respiratory rehabilitation in elderly patients with COVID-19: A randomized controlled study. Complement Ther Clin Pract. 2021;43. Available from https://doi.org/10.1016/j.ctcp.2021.101368 | Wrong study design |
| Brodsky MB, Gilbert RJ. The Long-Term Effects of COVID-19 on Dysphagia Evaluation and Treatment. Arch Phys Med Rehabil. 2020;101(9):1662-4. Available from https://doi.org/10.1016/j.apmr.2020.05.006 | Wrong study design |
| Brugliera L, Spina A, Castellazzi P, Cimino P, Tettamanti A, Houdayer E, et al. Rehabilitation of COVID-19 patients. J Rehabil Med. 2020;52(4). Available from https://doi.org/10.2340/16501977-2678 | Wrong study design |
| Brugliera L, Spina A, Giordani A, Iannaccone S. Response to: Nutritional strategies for the rehabilitation of COVID-19 patients. Eur J Clin Nutr. 2021;75(4):731-2. Available from https://doi.org/10.1038/s41430-020-00801-5 | Wrong study design |
| Buonsenso D, Munblit D, De Rose C, Sinatti D, Ricchiuto A, Carfi A, et al. Preliminary evidence on long COVID in children. Acta Paediatrica, International Journal of Paediatrics. 2021;110(7):2208-11. Available from https://doi.org/10.1111/apa.15870 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Burnfield J, Votto J, Hays A, Stuart M, Lewis L, Prettyman E, et al. Six Minute Walk Test Changes during Long-Term Acute Care Hospital Rehabilitation for Patients Post COVID-19. Arch Phys Med Rehabil. 2022;103(3):e13-e4. Available from https://doi.org/10.1016/j.apmr.2022.01.036 | Wrong study design |
| Byambasukh O, Avirmed B, Shirmen B, Khasag A. Exercise intervention and the development of long COVID: A survey of patients admitted to the hospital in Mongolia. Journal of Diabetes Investigation. 2021;12:33. Available from https://doi.org/10.1111/jdi.13663 | Wrong study design |
| Büsching GZZSJ-PSTKR. Effectiveness of Pulmonary Rehabilitation in Severe and Critically Ill COVID-19 Patients: A Controlled Study. Int. J. Environ. Res. Public Health 2021;18:8956-56. Available from https://doi.org/10.3390/ijerph18178956 | Wrong control |
| Caballero-Garcia A, Perez-Valdecantos D, Guallar P, Caballero-Castillo A, Roche E, Noriega DC, et al. Effect of Vitamin D Supplementation on Muscle Status in Old Patients Recovering from COVID-19 Infection. Medicina (Kaunas). 2021;57(10). Available from https://doi.org/10.3390/medicina57101079 | Wrong population |
| Cadth. Post–COVID-19 Condition Treatment and Management: Rapid Living Scoping Review. CADTH; 2022. Available from: https://www.cadth.ca/post-covid-19-condition-treatment-and-management-rapid-living-scoping-review. | Wrong publication type |
| Cadth. Corticosteroids for post–COVID-19 condition. CADTH; 2022. Available from: https://www.cadth.ca/corticosteroids-post-covid-19-condition. | Wrong study design |
| Cadth. Post-COVID-19 condition: a condition-level review 2022. Available from https://www.cadth.ca/post-covid-19-condition-condition-level-review | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Cahalan R, Mockler S. SingStrong for Long Covid: A singing and breathing pilot intervention for respiratory symptoms and general health in Long Covid: A mixedmethods study. Ir. J. Med. Sci. 2021;190:200-00. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1576699 | Wrong study design |
| Cahalan RM, Meade C, Mockler S. SingStrong-A singing and breathing retraining intervention for respiratory and other common symptoms of long COVID: A pilot study. Canadian journal of respiratory therapy : CJRT = Revue canadienne de la therapie respiratoire : RCTR. 2022;58:20-7. Available from https://doi.org/10.29390/cjrt-2021-074 | Wrong study design |
| Camargo-Martínez, W., Lozada-Martínez, I., Escobar-Collazos, A., Navarro-Coronado, A., Moscote-Salazar, L., Pacheco-Hernández, A., Janjua, T., & Bosque-Varela, P. Post-COVID 19 neurological syndrome: Implications for sequelae's treatment. Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia, 2021;88, 219-25. Available from https://doi.org/10.1016/j.jocn.2021.04.001 | Wrong intervention |
| Canter B, Weerahandi HM, Mak W, Raschen L, Burack O, Reinhardt J, et al. Rehabilitation intensity in covid-19 patients in a skilled nursing facility. J Am Geriatr Soc. 2021;69:S285. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/en/covidwho-1194918 | Wrong study design |
| Capra AP, Ardizzone A, Crupi L, Calapai F, Campolo M, Cuzzocrea S, Esposito E. Efficacy of Palmitoylethanolamide and Luteolin Association on Post-Covid Olfactory Dysfunction: A Systematic Review and Meta-Analysis of Clinical Studies. Biomedicines. 2023;11(8):03. Available from: https://doi.org/10.3390/biomedicines11082189. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Carda S, Invernizzi M, Bavikatte G, Bensmail D, Bianchi F, Deltombe T, et al. The role of physical and rehabilitation medicine in the COVID-19 pandemic: The clinician's view. Ann Phys Rehabil Med. 2020;63(6):554-6. Available from https://doi.org/10.1016/j.rehab.2020.04.001 | Wrong study design |
| Carraro U, Albertin G, Martini A, Giuriati W, Guidolin D, Masiero S, et al. To contrast and reverse skeletal muscle weakness by Full-Body In-Bed Gym in chronic COVID-19 pandemic syndrome. Eur J Transl Myol. 2021;31(1). Available from https://doi.org/10.4081/ejtm.2021.9641 | Wrong study design |
| Carson E, Hemenway AN. A Scoping Review of Pharmacological Management of Postacute Sequelae of Severe Acute Respiratory Syndrome Coronavirus 2 Infection in 2021. Am J Ther. 2022;29(3):305-e321. Available from https://doi.org/10.1097/MJT.0000000000001486 | Wrong study design |
| Catalan IP, Marti CR, Sota DPdl, Alvarez AC, Gimeno MJE, Juana SF, et al. Corticosteroids for COVID-19 symptoms and quality of life at 1 year from admission. J Med Virol. 2022;94(1):205-10 Available from https://doi.org/10.1002/jmv.27296 | Wrong population |
| Catalogna M, Sasson E, Hadanny A, Parag Y, Zilberman-Itskovich S, Efrati S. Effects of hyperbaric oxygen therapy on functional and structural connectivity in post-COVID-19 condition patients: A randomized, sham-controlled trial. Neuroimage (Amst). 2022;36:103218. Available from: https://doi.org/10.1016/j.nicl.2022.103218. | Wrong outcome |
| Ceban F, Leber A, Jawad MY, Yu M, Lui LMW, Subramaniapillai M, et al. Registered clinical trials investigating treatment of long COVID: a scoping review and recommendations for research. Infectious diseases (London, England). 2022:1-11. Available from https://doi.org/10.1080/23744235.2022.2043560 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Centeno-Cortez AK, Diaz-Chavez B, Santoyo-Saavedra DR, Alvarez-Mendez PA, Pereda-Samano R, Acosta-Torres LS. [Respiratory physiotherapy in post-acute COVID-19 adult patients: Systematic review of literature]. Fisioterapia respiratoria en pacientes adultos post-COVID-19: revision sistematica de la literatura. 2022;60(1):59-66. Available from https://pubmed.ncbi.nlm.nih.gov/35271227/ | Wrong study design |
| Centers for Disease Control and Prevention. Patient History and Physical Exam:Evaluating and Caring for Patients with Post-COVID Conditions 2021. Available from https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-care/post-covidworkup.html | Wrong study design |
| Centers for Disease Control and Prevention. Evaluating and Caring for Patients with Post-COVID Conditions: Interim Guidance 2021. Available from https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-care/post-covidindex.html | Wrong study design |
| Centers for Disease Control and Prevention. General Clinical Considerations: Evaluating and Caring for Patients with Post-COVID Conditions 2021. Available from https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-care/post-covidclinical-eval.html | Wrong study design |
| Ceravolo MG, de Sire A, Andrenelli E, Negrini F, Negrini S. Systematic rapid “living” review on rehabilitation needs due to COVID-19: update to March 31st, 2020. Eur J Phys Rehabil Med. 2020;56(3):347-53. Available from https://doi.org/10.23736/S1973-9087.20.06329-7 | Wrong study design |
| Cesarone MR, Hu S, Belcaro G, Cornelli U, Feragalli B, Corsi M, et al. Pycnogenol R-Centellicum R supplementation improves lung fibrosis and post-COVID-19 lung healing. Minerva Med. 2022;113(1):135-40. Available from https://doi.org/10.23736/S0026-4806.20.07225-0 | Wrong population |
| Cha C, Baek G. Symptoms and management of long COVID: A scoping review. J Clin Nurs. 2021. Available from https://doi.org/10.1111/jocn.16150 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Chaban O, Khaustova O, Assonov D. P.0370 Escitalopram efficacy in post-covid depression treatment: a pilot study. Eur. Neuropsychopharmacol. 2021;53:S270. Available from https://doi.org/10.1016/j.euroneuro.2021.10.350 | Wrong study design |
| Chandan JS, Brown KR, Simms-Williams N, Bashir NZ, Camaradou J, Heining D, et al. Non-Pharmacological Therapies for Post-Viral Syndromes, Including Long COVID: A Systematic Review. Int J Environ Res Public Health. 2023;20(4):16. Available from: https://doi.org/10.3390/ijerph20043477. | Wrong study design |
| Chandrashekar YYPC, Soumya SV, Sinitha SMSB, Madhu H. Efficacy of laser photodynamic therapy on fungal infections and post COVID mucormycosis: a narrative review. J. Cardiovasc. Dis. Res. 2021;12:407-16. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1374772 | Wrong study design |
| Charfeddine S, Ibn Hadjamor H, Torjmen S, Kraiem S, Hammami R, Bahloul A, et al. Sulodexide in the treatment of patients with long COVID 19 symptoms and endothelial dysfunction: The results of TUN-EndCOV study. Archives of Cardiovascular Diseases Supplements 2022;14:127-27. Available from https://doi.org/10.1016/j.acvdsp.2021.10.007 | Wrong study design |
| Charlotte N, Balaire X, Bardet A, Vial H, Asofii M, Biot V, et al. Practice of cardiac rehabilitation at the beginning of the COVID-19 pandemic: Challenges and responses. Archives of Cardiovascular Diseases Supplements 2022;14:117-17. Available from https://doi.org/10.1016/j.acvdsp.2021.09.265 | Wrong study design |
| Chaturvedi SK. Covid-19, Coronavirus and Mental Health Rehabilitation at Times of Crisis. Journal of Psychosocial Rehabilitation and Mental Health. 2020;7(1). Available from https://doi.org/10.1007/s40737-020-00162-z | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Chaudhry A, Master H. Top tips: managing long COVID. Guidelines in Practice. 2021;24(1):26-32. Available from https://www.guidelinesinpractice.co.uk/infection/top-tips-managing-long-covid/455742.article | Wrong study design |
| Chee YJ, Fan BE, Young BE, Dalan R, Lye DC. Clinical trials on the pharmacological treatment of long COVID: A systematic review. J Med Virol. 2023;95(1):e28289. Available from: https://doi.org/10.1002/jmv.28289. | Wrong patient population |
| Cheema UN, Zeb S, Irfan L, Sikandar MZ, Ashraf SA, Munir K. Impact of Topical v/s Systemic Steroids on Regaining Olfaction in Post Covid-19 Patients; A Randomized Controlled Trail. Pakistan Journal of Medical and Health Sciences. 2022;16(11):185-7. Available from: https://doi.org/10.53350/pjmhs20221611185. | Wrong patient population |
| Chen H, Shi H, Liu X, Sun T, Wu J, Liu Z. Effect of Pulmonary Rehabilitation for Patients With Post-COVID-19: A Systematic Review and Meta-Analysis. Frontiers in medicine. 2022;9:837420. Available from https://doi.org/10.3389/fmed.2022.837420 | Wrong study design |
| Chen JM, Wang ZY, Chen YJ, Ni J. The Application of Eight-Segment Pulmonary Rehabilitation Exercise in People With Coronavirus Disease 2019. Front Physiol. 2020;11. Available from https://doi.org/10.3389/fphys.2020.00646 | Wrong study design |
| Chen RD, Yang CW, Chen XB, Hu HF, Cui GZ, Zhu QR, Kuang MJ. Therapeutic Efficacy of Nasal Corticosteroids in COVID-19-Related Olfactory Dysfunction: A Comprehensive Systematic Review and Meta-analysis. Otolaryngol Head Neck Surg. 2023. Available from: https://doi.org/10.1002/ohn.621. | Wrong patient population |
| Chien TJ, Liu CY, Chang YI, Fang CJ, Pai JH, Wu YX, Chen SW. Therapeutic effects of herbal-medicine combined therapy for COVID-19: A systematic review and meta-analysis of randomized controlled trials. Front Pharmacol. 2022;13. Available from: https://doi.org/10.3389/fphar.2022.950012. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Chishima Y, Huai-Ching Liu IT, A EW. Temporal distancing during the COVID-19 pandemic: letter writing with future self can mitigate negative affect. Applied psychology Health and well-being. 2021. Available from https://doi.org/10.1111/aphw.12256 | Wrong population |
| Chisman E, France S, McCormick S, Shardha J. THE LEEDS POST COVID-19 REHABILITATION PATHWAY;WHAT WE HAVE LEARNT AND ACHIEVED SO FAR. Br. J. Occup. Ther. 2021;84:1-1. Available from https://search.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/en/covidwho-1370062 | Wrong study design |
| Chitra SM, Mallika P, Anbu N, Narayanababu R, Sugunabai A, David Paul Raj RS, et al. An open clinical evaluation of selected siddha regimen in expediting the management of COVID-19 – a randomized controlled study. J Ayurveda Integr Med. 2021. Available from https://doi.org/10.1016/j.jaim.2021.01.002 | Wrong population |
| Christensen J, O'Callaghan K, Sinclair H, Hawke K, Love A, Hajkowicz K, et al. Risk factors, Treatment and Outcomes of Subacute Thyroiditis Secondary to COVID-19: A Systematic Review. Intern Med J. 2021;52(4):522-529. Available from https://doi.org/10.1111/imj.15432 | Wrong outcome |
| Chu MMH, Gopikrishna D, Rocke JPJ, Kumar BN. Implementing a covid-19 specialist smell clinic: Experience at the wrightington, wigan and leigh teaching hospitals (wwl), nhs foundation trust, united kingdom. Med J Malaysia. 2021;76:9-13. Available from http://www.e-mjm.org/2021/v76s4/COVID-19-specialistsmell-clinic.pdf | Wrong study design |
| Chudzik M, Burzynska M, Kapusta J. Use of 1-MNA to Improve Exercise Tolerance and Fatigue in Patients after COVID-19. Nutrients. 2022;14(15):22. Available from: https://doi.org/10.3390/nu14153004. | Wrong patient population |
| Chung TW-H, Zhang H, Wong FK-C, Sridhar S, Chan K-H, Cheng VC-C, et al. Neurosensory Rehabilitation and Olfactory Network Recovery in Covid-19-related Olfactory Dysfunction. Brain sciences. 2021;11(6). Available from https://doi.org/10.3390/brainsci11060686 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Clayton NA, Walker EF-SA. Clinical profile and recovery pattern of dysphagia in the COVID-19 patient: a prospective observational cohort within NSW. Aust. Crit. Care 2022. Available from https://doi.org/10.1016/j.aucc.2022.01.001 | Wrong study design |
| Cordani C, Lazzarini SG, Del Furia MJ, Kiekens C, Arienti C, Negrini S. Arthralgia: a map of Cochrane evidence relevant to rehabilitation for people with post COVID-19 condition. Eur J Phys Rehabil Med. 2022;58(6):870-4. Available from: https://doi.org/10.23736/S1973-9087.22.07803-0. | Wrong publication type |
| Cordani C, Lazzarini SG, Zampogna E, Del Furia MJ, Arienti C, Negrini S, Kiekens C. Dyspnea: a map of Cochrane evidence relevant to rehabilitation for people with post COVID-19 condition. Eur J Phys Rehabil Med. 2022;58(6):864-9. Available from: https://doi.org/10.23736/S1973-9087.22.07805-4. | Wrong publication type |
| Corna S, Giardini M, Godi M, Bellotti L, Arcolin I. Effects of Aerobic Training in Patients with Subacute COVID-19: A Randomized Controlled Feasibility Trial. Int J Environ Res Public Health. 2022;19(24):07. Available from: https://doi.org/10.3390/ijerph192416383. | Wrong patient population |
| Coudeyre E, Cormier C, Costes F, Lefevre-Colau MM, Grolier M. Muscular rehabilitation post COVID-19 infection. Revue du Rhumatisme Monographies. 2021;88(3):251-254. Available from https://doi.org/10.1016/j.monrhu.2021.03.002 | Wrong population |
| Cox N, Holland A. Experiences of implementing a home-based pulmonary rehabilitation program during COVID-19. Respirology. 2022;27:38-. | Wrong study design |
| COVID-19 UPDATE. Virtual Post-Sepsis Recovery Program May Also Help Recovering COVID-19 Patients. RT: The Journal for Respiratory Care Practitioners, 2021;34(1), 9. | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Cui W, Ouyang T, Qiu Y, Cui D. Literature Review of the Implications of Exercise Rehabilitation Strategies for SARS Patients on the Recovery of COVID-19 Patients. Healthcare. 2021;9(5):590-. Available from https://doi.org/10.3390/healthcare9050590 | Wrong population |
| Cunqing Y, Fengmei L, Guiping Y, Yufeng H, Shuangbin Z, Jianghua W, et al. Effectiveness of Xiaoyao capsule on sleep disorders and mood disturbance in patients in recovery from coronavirus disease 2019: a randomized controlled trial. J Tradit Chin Med. 2023;43(2):343-51. Available from: https://doi.org/10.19852/j.cnki.jtcm.2023.02.005. | Wrong patient population |
| Curci, C., Pisano, F., Bonacci, E., Camozzi, D. M., Ceravolo, C., Bergonzi, R., De Franceschi, S., Moro, P., Guarnieri, R., Ferrillo, M., Negrini, F., & de Sire, A. Early rehabilitation in post-acute COVID-19 patients: data from an Italian COVID-19 Rehabilitation Unit and proposal of a treatment protocol. Eur J Phys Rehabil Med. 2020;56(5), 633-41. Available from https://doi.org/10.23736/S1973-9087.20.06339-X | Wrong study design |
| D'Amico F, Rossella DA. Risk of sarcopoenia and prevention of disability in post COVID 19 elderly patients. Bone Reports. 2021;14. Available from https://doi.org/10.1016/j.bonr.2021.100951 | Wrong study design |
| Dai S, Zhao B, Liu D, Zhou Y, Liu Y, Lan L, et al. Follow-Up Study of the Cardiopulmonary and Psychological Outcomes of COVID-19 Survivors Six Months After Discharge in Sichuan, China. Int J Gen Med. 2021;14:7207-17. Available from https://doi.org/10.2147/IJGM.S337604 | Wrong intervention |
| Damanti S, Ramirez GA, Bozzolo EP, Rovere-Querini P, De Lorenzo R, Magnaghi C, et al. Six-month respiratory outcomes and exercise capacity of COVID-19 acute respiratory failure patients treated with continuous positive airway pressure. Intern Med J. 2021;51(11):1810-5. Available from https://doi.org/10.1111/imj.15345 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Danesh V, Arroliga AC, Bourgeois JA, Widmer AJ, McNeal MJ, McNeal TM. Postacute sequelae of COVID-19 in adults referred to COVID recovery clinic services in an integrated health system in Texas. Proc (Bayl Univ Med Cent). 2021;34(6):645-8. Available from https://doi.org/10.1080/08998280.2021.1972688 | Wrong intervention |
| Dasgupta A, Kalhan A, Kalra S. Long term complications and rehabilitation of COVID-19 patients. JPMA The Journal of the Pakistan Medical Association. 2020;70(5):S131-S5. Available from https://pubmed.ncbi.nlm.nih.gov/32515393/ | Wrong study design |
| da Silva MMC, Viana DR, Colucci MG, Gonzaga LA, Arcuri JF, Frade MCM, et al. Effects of a cardiopulmonary telerehabilitation using functional exercises in individuals after COVID-19 hospital discharge: A randomized controlled trial. J Telemed Telecare. 2023:1357633X231188394. Available from: https://doi.org/10.1177/1357633X231188394. | Wrong patient population |
| Davies P, Lillie J, Prayle A, Evans C, Griffiths B, du Pre P, et al. Association Between Treatments and Short-Term Biochemical Improvements and Clinical Outcomes in Post-Severe Acute Respiratory Syndrome Coronavirus-2 Inflammatory Syndrome. Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies 2021;22:e285-e93. Available from https://doi.org/10.1097/PCC.0000000000002728 | Wrong population |
| Daynes E, Gerlis C, Chaplin E, Gardiner N, Singh SJ. Early experiences of rehabilitation for individuals post-COVID to improve fatigue, breathlessness exercise capacity and cognition - A cohort study. Chron Respir Dis. 2021;18:14799731211015691. Available from https://doi.org/10.1177/14799731211015691 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| de Sire A, Andrenelli E, Negrini F, Lazzarini SG, Cordani C, Ceravolo MG, et al. Rehabilitation and COVID-19: update of the rapid living systematic review by Cochrane Rehabilitation Field as of February 28th, 2022. Eur J Phys Rehabil Med. 2022. Available from https://doi.org/10.23736/S1973-9087.22.07593-1 | Wrong study design |
| de Sire A, Moggio, L, Marotta, N, Agostini, F, Tasselli, A, Drago Ferrante, V, Curci, C, Calafiore, D, Ferraro, F, Bernetti, A, Ozyemisci Taskiran, O, & Ammendolia, A. Impact of Rehabilitation on Fatigue in Post-COVID-19 Patients: A Systematic Review and Meta-Analysis. Applied Sciences. 2022;12(17):8593-. Available from: https://doi.org/10.3390/app12178593. | Wrong study design |
| Deshpande S, Mundhe N, Deshpande V, Tamoli S, Mahadik S, Pawar V. Potential use of Immunodaat® (Botanical extract of Elderberry -Sambucus Nigra L.) in the management of Post Covid-19 symptoms- a comparative, multi-centric, randomized, clinical study. 2022. | Wrong publication type |
| Dean E. Managing the effects of long-COVID. Nurs Stand. 2021;36(2):11-. | Wrong study design |
| Décary S, Dugas M, Stefan T, Langlois L, Skidmore B, Bhéreur A, et al. Care Models for Long COVID: A Rapid Systematic Review (preprint) 2021. Available from https://doi.org/10.1101/2021.11.17.21266404 | Wrong study design |
| del Valle MF, Valenzuela J, Marzuca-Nassr GN, Cabrera-Inostroza C, del Sol M, Lizana P, Escobar-Cabello, M, Muñoz-Cofre R. Eight Weeks of Supervised Pulmonary Rehabilitation Are Effective in Improving Resting Heart Rate and Heart Rate Recovery in Severe COVID-19 Patient Survivors of Mechanical Ventilation. Medicina. 2022;58(4):514-. Available from https://doi.org/10.3390/medicina58040514 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Demeco, A., Marotta, N., Barletta, M., Pino, I., Marinaro, C., Petraroli, A., Moggio, L., & Ammendolia, A. Rehabilitation of patients post-COVID-19 infection: a literature review. The Journal of international medical research, 2020;48(8), 300060520948382. Available from https://doi.org/10.1177/0300060520948382 | Wrong population |
| de Oliveira KCV, de Lima Ferreira AP, de Andrade Silva D, Monteiro JdS, Silva KV, de Lucena LC, de Araújo MdGR. The impact of post-COVID multicomponent rehabilitation. Fisioterapia em Movimento. 2023;36:1-9. Available from: https://doi.org/10.1590/fm.2023.36112. | Wrong patient population |
| De Souza Y, MacEdo J, Nascimento R, Alves MAM, Medeiros S, Leal L, et al. Low-Intensity Pulmonary Rehabilitation Through Videoconference for Post-Acute COVID-19 Patients. Am J Respir Crit Care Med. 2021;203(9). Available from https://www.atsjournals.org/doi/abs/10.1164/ajrccmconference.2021.203.1_MeetingAbstracts.A4124 | Wrong study design |
| Dhoonmoon L. Self-management for patients with suspected 'long COVID'. Independent Nurse. 2021;2021(2):22-4. Available from https://www.independentnurse.co.uk/clinical-article/self-management-forpatients-with-suspected-long-covid/234556/ | Wrong study design |
| Dhooria S, Chaudhary S, Sehgal IS, Agarwal R, Arora S, Garg M, et al. High-dose <ovid:i>versus</ovid:i> low-dose prednisolone in symptomatic patients with post-COVID-19 diffuse parenchymal lung abnormalities: an open-label, randomised trial(Acronym: COLDSTER). The European respiratory journal 2021. Available from https://doi.org/10.1183/13993003.02930-2021 | Wrong population |
| Dillen H, Bekkering G, Gijsbers S, Vande Weygaerde Y, Van Herck M, Haesevoets S, et al. Clinical effectiveness of rehabilitation in ambulatory care for patients with persisting symptoms after COVID-19: a systematic review. BMC Infect Dis. 2023;23(1):419. Available from: https://doi.org/10.1186/s12879-023-08374-x. | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Ding H, He F, Lu YG, Hao SW, Fan XJ. Effects of non-drug interventions on depression, anxiety and sleep in COVID-19 patients: A systematic review and meta-analysis. Eur Rev Med Pharmacol Sci. 2021;25(3):1087-96. Available from https://doi.org/10.26355/eurrev_202101_24679 | Wrong population |
| Diotallevi F, Mazzanti S, Properzi P, Olivieri S, Giacometti A, Offidani A. Is there a POST-COVID dermatological syndrome? The integrated dermato-infectious disease experience of a single centre. J Eur Acad Dermatol Venereol. 2022;36(3):e166-e9. Available from https://doi.org/10.1111/jdv.17803 | Wrong study design |
| Dixon MG, Lutfy C. Outcomes Among Patients Referred to Outpatient Rehabilitation Clinics After COVID-19 diagnosis - United States, January 2020-March 2021 (vol 70, pg 967, 2021). Mmwr-Morbidity and Mortality Weekly Report 2021;70:967-71. Available from https://search.bvsalud.org/global-literature-onnovel-coronavirus-2019-ncov/resource/en/covidwho-1372288 | Wrong control |
| Dmytriiev D, Dobrovanov O. Post-COVID pain syndrome. Anaesthesia, Pain and Intensive Care 2021;25:505-12. Available from https://search.bvsalud.org/globalliterature-on-novel-coronavirus-2019-ncov/resource/es/covidwho-1372227 | Wrong study design |
| Donaldson K, Brenton A, Haslam P, Turner N, Talbot J, Newsham J, et al. Delivering a community-based COVID-19 rehabilitation service using existing pulmonary rehabilitation teams is safe and feasible. Thorax. 2021;76:A103-A4. Available from https://doi.org/10.1136/thorax-2020-BTSabstracts.180 | Wrong study design |
| Dowds J, Sheill G, Brien KO, Murphy N, Bannan C, Martin-Loeches I. Profiling the physical rehabilitation of COVID-19 patients admitted to critical care. Intensive Care Medicine Experimental. 2020;8. Available from https://doi.org/10.1186/s40635-020-00354-8 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Duan Q, Guo G, Ren Y, Shang H, Du J, Li M, et al. Treatment Outcomes, Influence Factors of 116 Hospitalized COVID-19 Patients with Longer/Prolonged Treatment Course in Wuhan, China; 2020. Available from https://doi.org/10.2139/ssrn.3550017 | Wrong population |
| Duncan DL. Living with long COVID. Journal of Prescribing Practice 2021;3:362-68. Available from https://doi.org/10.12968/jprp.2021.3.9.362 | Wrong study design |
| Duymaz T. Pulmonary Rehabilitation in Post-Acute Period of COVID-19 Infection: Prospective Randomized Controlled Trial; 2020. Available from https://clinicaltrials.gov/ct2/show/NCT04365738 | Wrong study design |
| Elanwar R, Hussein M, Magdy R, Eid RA, Yassien A, Abdelsattar AS, et al. Physical Wrong study and Mental Fatigue in Subjects Recovered from COVID-19 Infection: A Case-Control Study. Neuropsychiatr Dis Treat. 2021;17:2063-71. Available from https://doi.org/10.2147/NDT.S317027 | Wrong study design |
| Emadzadeh M, Kabiri M. Efficacy of topical steroids for the treatment of olfactory disorders caused by COVID-19: A systematic review and meta-analysis. Clin Otolaryngol. 2023;48(4):721-2. Available from: https://doi.org/10.1111/coa.14058. | Wrong publication type |
| Ensinck G, Gregorio G, Flores RM, Crowe CI, Clerico Mosina P, Curi C, et al. [Consensus on treatment of multisystemic inflammatory syndrome associated with COVID-19]. Consenso sobre el tratamiento del sindrome inflamatorio multisistemico asociado a COVID-19. 2021;119:S198-S211. Available from https://doi.org/10.5546/aap.2021.S198 | Wrong study design |
| Everaerts S, Heyns A, Langer D, Beyens H, Hermans G, Troosters T, et al. COVID-19 recovery: benefits of multidisciplinary respiratory rehabilitation. BMJ open respiratory research 2021;8. Available from https://doi.org/10.1136/bmjresp-2020-000837 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Falvey JR, Ferrante LE. Flattening the disability curve: Rehabilitation and recovery after COVID-19 infection. Heart & lung. 2020;49(5):440-1. Available from https://doi.org/10.1016/j.hrtlng.2020.05.001 | Wrong study design |
| Fan WH, Hin HJ. Effect of aerobics on the rehabilitation training of patients with COVID-19. Basic & Clinical Pharmacology & Toxicology. 2021;128:235-. | Wrong study design |
| Fares HM, Elsary AY, Elrefaey BH, Ghanem AAM, Fares EM, Farhat ES. Effect of pulmonary rehabilitation program on post hospitalization severe COVID-19 patients (Experimental study). Journal of Population Therapeutics and Clinical Pharmacology. 2023;30(7):e133-e40. Available from: https://doi.org/10.47750/jptcp.2023.30.07.016. | Wrong patient population |
| Fekrazad R, Fekrazad S. The Potential Role of Photobiomodulation in Long COVID-19 Patients Rehabilitation. Photobiomodulation, photomedicine, and laser surgery. 2021;39(4):229-31. Available from https://doi.org/10.1089/photob.2020.4984 | Wrong study design |
| Fernández-de-Las-Peñas C, Martín-Guerrero JD, Cancela-Cilleruelo I, Moro-López-Menchero P, Rodríguez-Jiménez J, Navarro-Pardo E, et al. Exploring the Recovery Curves for Long-term Post-COVID Functional Limitations on Daily Living Activities: The LONG-COVID-EXP-CM Multicenter Study. The Journal of infection. 2022. Available from https://doi.org/10.1016/j.jinf.2022.01.031 | Wrong study design |
| Fernández-de-Las-Peñas C, Martín-Guerrero JD, Navarro-Pardo E, Cancela-Cilleruelo I, Moro-López-Menchero P, Pellicer-Valero OJ. Exploring Trajectory Curves from Loss of Smell and Taste in Previously Hospitalized COVID-19 Survivors: the LONG-COVID-EXP-CM Multicenter Study. J Gen Intern Med. 2022. Available from https://doi.org/10.1007/s11606-022-07459-8 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Fernandez-Lazaro D, Santamaria G, Sanchez-Serrano N, Lantaron Caeiro E, Seco-Calvo J. Efficacy of Therapeutic Exercise in Reversing Decreased Strength, Impaired Respiratory Function, Decreased Physical Fitness, and Decreased Quality of Life Caused by the Post-COVID-19 Syndrome. Viruses. 2022;14(12):15. Available from: https://doi.org/10.3390/v14122797. | Wrong patient population |
| Feshchenko YI, Ostrovskyy MM, Varunkiv OI, Horovenko NH. Improved quality of life and dyspnea with erdosteine in COVID-19 patients after hospital discharge. Minerva Respiratory Medicine. 2022;61(2):54-62. Available from https://doi.org/10.23736/S2784-8477.22.01992-1 | Wrong population |
| Fisher DL, Pavel A, Malnick S. Rapid recovery of taste and smell in a patient with SARS-CoV-2 following convalescent plasma therapy. QJM : monthly journal of the Association of Physicians. 2021;114(5):319-20. Available from https://doi.org/10.1093/qjmed/hcaa341 | Wrong study design |
| Foged F, Rasmussen IE, Bjorn Budde J, Rasmussen RS, Rasmussen V, Lyngbaek M, et al. Fidelity, tolerability and safety of acute high-intensity interval training after hospitalisation for COVID-19: a randomised cross-over trial. BMJ open sport & exercise medicine. 2021;7(3):e001156. Available from http://dx.doi.org/10.1136/bmjsem-2021-001156 | Wrong study design |
| Fontana LCC, Bernardo G, Bernardo CD, Vieira JD, Dias FM, Bom BM, et al. Results from a multidisciplinary rehabilitation program with patients post-COVID-19 infection. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA2118 | Wrong study design |
| Fowler-Davis S, Platts K, Thelwell M, Woodward A, Harrop D. A mixed-methods systematic review of post-viral fatigue interventions: Are there lessons for long Covid? PLoS One. 2021;16(11):e0259533. Available from https://doi.org/10.1371/journal.pone.0259533 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Frajkova Z, Tedla M, Tedlova E, Suchankova M, Geneid A. Postintubation Dysphagia During COVID-19 Outbreak-Contemporary Review. Dysphagia. 2020;35(4):549-57. Available from https://doi.org/10.1007/s00455-020-10139-6 | Wrong study design |
| Fugazzaro S, Contri A, Esseroukh O, Kaleci S, Croci S, Massari M, et al. Rehabilitation Interventions for Post-Acute COVID-19 Syndrome: A Systematic Review. Int J Environ Res Public Health. 2022;19(9). Available from https://doi.org/10.3390/ijerph19095185 | Wrong study design |
| Funke-Chambour M, Bridevaux P-O, Clarenbach CF, Soccal PM, Nicod LP, von Garnier C, et al. Swiss Recommendations for the Follow-Up and Treatment of Pulmonary Long COVID. Respiration; international review of thoracic diseases. 2021;100(8):826-41. Available from https://doi.org/10.1159/000517255 | Wrong study design |
| Gaber TAZK, Ashish A, Unsworth A, Martindale J. Are mRNA covid 19 vaccines safe in long covid patients? A health care workers perspective. British Journal of Medical Practitioners 2021;14. Available from bjmp.org/content/are-mrna-covid-19-vaccines-safe-long-covid-patients-health-care-workers-perspective | Wrong study design |
| Gamal Dalia M, Ibrahim Rehab A, Farid Samaan S. Post COVID-19 syndrome in a prospective cohort study of Egyptian patients. Egyptian Rheumatology and Rehabilitation. 2022;49(1):12-. Available from https://doi.org/10.1186/s43166-021-00104-y | Wrong study design |
| Garcia-Molina A, Espina-Bou M, Rodriguez-Rajo P, Sanchez-Carrion R, Ensenat-Cantallops A. Neuropsychological rehabilitation program for patients with post-COVID-19 syndrome: A clinical experience. Programa de rehabilitacionneuropsicologica en pacientes con sindrome post-COVID-19: una experienciaclinica. 2021. Available from https://doi.org/10.1016/j.nrl.2021.03.008 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Gawey B, Yang J, Bauer B, Song J, Wang XJ. The use of complementary and alternative medicine for the treatment of gastrointestinal symptoms in Long COVID: a systematic review. Ther Adv Chronic Dis. 2023;14:20406223231190548. Available from: https://doi.org/10.1177/2040622323119054. | Wrong study design |
| Geppe NA, Glazachev OS, Timofeev YS, Shakhnazarova MD, Kolosova NG, Samartseva VG, et al. Hypoxic conditioning in comprehensive rehabilitation of children with bronchial asthma after coronavirus infection. Voprosy Prakticheskoi Pediatrii. 2021;16(4):7-15. Available from https://pesquisa.bvsalud.org/globalliterature-on-novel-coronavirus-2019-ncov/resource/en/covidwho-1538972 | Wrong population |
| Ghram A, Latiri I, Methnani J, Souissi A, Benzarti W, Toulgui E, Ben Saad H. Effects of cardiorespiratory rehabilitation program on submaximal exercise in patients with long-COVID-19 conditions: a systematic review of randomized controlled trials and recommendations for future studies. Expert Rev Respir Med. 2023;17(12):1095-124. Available from: https://doi.org/10.1080/17476348.2023.2293226 | Wrong patient population |
| Gilmutdinova IR, Kolyshenkov VA, Lapickaya KA, Trepova AS, Vasileva VA, Prosvirnin AN, et al. Telemedicine platform COVIDREHAB for remote rehabilitation of patients after COVID-19. Eur J Transl Myol. 2021. Available from https://doi.org/10.4081/ejtm.2021.9783 | Wrong study design |
| Gloeckl R, Leitl D, Jarosch I, Schneeberger T, Christoph. N, Stenzel N, et al. Benefits of pulmonary rehabilitation in COVID-19 – a prospective observational cohort study. ERJ Open Research. 2021:00108-2021. Available from https://doi.org/10.1183/23120541.00108-2021 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Glunčič TJ, Muršič D, Basara L, Vranic L, Močan A, Makek MJ, Samaržija M. Overview of symptoms of ongoing symptomatic and post-COVID-19 patients who were reffered to pulmonary rehabilitation - First single-centre experience in croatia. Psychiatria Danubina 2021;33:565-71. Available from https://www.psychiatria-danubina.com/UserDocsImages/pdf/dnb_vol33_noSuppl%204/dnb_vol33_noSuppl%204_565.pdf | Wrong population |
| Goel N, Goyal N, Nagaraja R, Kumar R. Systemic corticosteroids for management of 'long-COVID': an evaluation after 3 months of treatment. Monaldi archives for chest disease = Archivio Monaldi per le malattie del torace. 2021. Available from https://doi.org/10.4081/monaldi.2021.1981 | Wrong study design |
| Gogoll C, Leo F, Schueller PO, Grohe C. [Post-COVID sequela of the lung – follow up and treatment]. Post-COVID und die Lunge. 2021;146(21):e113. Available from https://doi.org/10.1055/a-1492-8808 | Wrong study design |
| Goodwin VA, Allan L, Bethel A, Cowley A, Cross JL, Day J, et al. Rehabilitation to enable recovery from COVID-19: a rapid systematic review. Physiotherapy. 2021. Available from https://doi.org/10.1016/j.physio.2021.01.007 | Wrong population |
| Gore S, Keysor J. COVID-19 Post-Acute Sequela Rehabilitation: A look to the future through the lens of COPD and Pulmonary Rehabilitation. Archives of rehabilitation research and clinical translation. 2022:100185. Available from https://doi.org/10.1016/j.arrct.2022.100185 | Wrong study design |
| Granger C, Hlal O, Mercier E, Bordart E, Teule L, Colombain L, et al. Description des séquelles à 3 mois d'une COVID grave chez une population jeune et comorbide. Infectious Diseases Now. 2021;51(5):S15-S6. Available from https://doi.org/10.1016/j.idnow.2021.06.006 | Wrong study design |
| Greenhalgh T, Knight M, A'Court C, Buxton M, Husain L. Management of postacute covid-19 in primary care. The BMJ. 2020;370. Available from https://doi.org/10.1136/bmj.m3026 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Grigoletto I, Cavalheri V, Lima FFd, Ramos EMC. Recovery after COVID-19: The potential role of pulmonary rehabilitation. Brazilian journal of physical therapy. 2020;24(6):463-4. Available from https://doi.org/10.1016/j.bjpt.2020.07.002 | Wrong study design |
| Grissmer J. Acupuncture for COVID Long-Haulers: Pt. 1: 5 Element Acupuncture basis for diagnosis and treatment. Acupuncture Today. 2021;22(8):1-33. Available from https://www.acupuncturetoday.com/digital/index.php?i=762&a_id=34054&pn=2&r=t&Page=1 | Wrong study design |
| Grosbois J-M, Gephine S, Le Rouzic O, Chenivesse C. Feasibility, safety and effectiveness of remote pulmonary rehabilitation during COVID-19 pandemic. Respiratory medicine and research. 2021;80:100846. Available from https://doi.org/10.1016/j.resmer.2021.100846 | Wrong study design |
| Group RC. Immunomodulatory therapy in children with paediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 (PIMS-TS, MIS-C; RECOVERY): a randomised, controlled, open-label, platform trial. The Lancet Child & adolescent health. 2024;8(3):190-200. Available from: https://doi.org/10.1016/S2352-4642(23)00316-4. | Wrong patient population |
| Grund S, Bauer J. [Long COVID Syndrome in frail older persons - complex to diagnose and treat]. Long-Covid gefahrdet bei alteren Patienten die Funktionalitat. 2022;164:42-47. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8765814/ | Wrong study design |
| Guck AJ, Buck K, Lehockey K. Psychological complications of COVID-19 following hospitalization and ICU discharge: Recommendations for treatment. Professional Psychology: Research and Practice. 2021. Available from https://doi.org/10.1037/pro0000402 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Gustavson AM, Rud B, Sullivan EK, Beckett A, Gause LR. Role and impact of interdisciplinary rehabilitation in an acute COVID-19 recovery unit. J Am Geriatr Soc. 2021;69(4):878-81. Available from https://doi.org/10.1111/jgs.17060 | Wrong study design |
| Hadanny A, Zilberman-Itskovich S, Catalogna M, Elman-Shina K, Lang E, Finci S, et al. Long term outcomes of hyperbaric oxygen therapy in post covid condition: longitudinal follow-up of a randomized controlled trial. Sci. 2024;14(1):3604. Available from: https://doi.org/10.1038/s41598-024-53091-3. | Wrong study design |
| Hajibashi A, Sarrafzadeh J, Amiri A, Salehi R, Vasaghi-Gharamaleki B. Effect of progressive muscle relaxation as an add-on to pulmonary telerehabilitation in discharged patients with COVID-19: A randomised controlled trial. Complement Ther Clin Pract. 2023;51:101730. Available from: https://doi.org/10.1016/j.ctcp.2023.101730. | Wrong patient population. |
| Halabchi F, Selk-Ghaffari M, Tazesh B, Mahdaviani B. The effect of exercise rehabilitation on COVID-19 outcomes: a systematic review of observational and intervention studies. Sport sci. 2022;18(4):1201-19. Available from: https://doi.org/10.1007/s11332-022-00966-5. | Wrong patient population |
| Hameed F, Palatulan E, Jaywant A, Said R, Lau C, Sood V, et al. Outcomes of a COVID-19 recovery program for patients hospitalized with SARS-CoV-2 infection in New York City: A prospective cohort study. PM R. 2021. Available from: https://doi.org/10.1002/pmrj.12578 | Wrong population |
| Hameed F, Palatulan E, Jaywant A, Said R, Lau C, Sood V, et al. Reply to letter re “Outcomes of a COVID-19 Recovery Program for Patients Hospitalized with SARSCoV-2 Infection in New York City: A Prospective Cohort Study.”. PM & R : the journal of injury, function, and rehabilitation. 2021. Available from https://doi.org/10.1002/pmrj.12629 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Hanna G, Bankler S, Schandl A, Roel M, Hedman A, Franko MA, et al. The role of ventilatory support for long-term outcomes after critical infection with COVID-19: A prospective cohort study. The clinical respiratory journal. 2021. Available from https://doi.org/10.1111/crj.13453 | Wrong population |
| Haouchan R, Riachy M, Harmouche C, Naoum Z, Salameh M, Merheb P, et al. Late Breaking Abstract - Functional benefits of post COVID-19 multidisciplinary pulmonary rehabilitation program. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA3914 | Wrong study design |
| Harandi AA, Pakdaman H, Medghalchi A, Kimia N, Kazemian A, Siavoshi F, et al. A randomized open-label clinical trial on the effect of Amantadine on post Covid 19 fatigue. Sci. 2024;14(1):1343. Available from: https://doi.org/10.1038/s41598-024-51904-z. | Wrong patient population |
| Hausswirth C, Schmit C, Rougier Y, Coste A. Positive Impacts of a Four-Week Neuro-Meditation Program on Cognitive Function in Post-Acute Sequelae of COVID-19 Patients: A Randomized Controlled Trial. Int J Environ Res Public Health. 2023;20(2):11. Available from: https://doi.org/10.3390/ijerph20021361. | Wrong patient population |
| Hayden MC, Limbach MSMMSSGJKNDSK. Effectiveness of a Three-Week Inpatient Pulmonary Rehabilitation Program for Patients after COVID-19: A Prospective Observational Study. Int. J. Environ. Res. Public Health 2021;18:9001-01. Available from https://doi.org/10.3390/ijerph18179001 | Wrong control |
| Hayden MC, Limbach M, Schuler M, Merkl S, Schwarzl G, Jakab K, Nowak D, Schultz K. Short-term Effects of a Three-week Inpatient Post-COVID-19 Pulmonary Rehabilitation Program - a Prospective Observational Study2021 2021. Available from https://doi.org/10.21203/rs.3.rs-578230/v1 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| He J, Yang L, Pang J, Dai L, Zhu J, Deng Y, et al. Efficacy of simplified-cognitive behavioral therapy for insomnia(S-CBTI) among female COVID-19 patients with insomnia symptom in Wuhan mobile cabin hospital. Sleep & breathing = Schlaf & Atmung. 2021;25(4):2213-9. Available from https://doi.org/10.1007/s11325-021-02350-y | Wrong study design |
| Heald A, Riste L, Walther A, Stedman M, Mukherjee A, Perrin R. Reducing fatigue-Wrong study related symptoms in Long COVID-19: finding an intervention that works. BJPsych Open. 2021;7:S254-S5. Available from https://doi.org/10.1192/bjo.2021.681 | Wrong study design |
| Heald A, Perrin R, Walther A, Stedman M, Hann M, Mukherjee A, et al. Reducing fatigue-related symptoms in Long COVID-19: a preliminary report of a lymphatic drainage intervention. Cardiovascular endocrinology & metabolism. 2022;11(2):e0261. Available from https://doi.org/10.1097/XCE.0000000000000261 | Wrong study design |
| Hennigs JK, Oqueka T, Harbaum L, Klose H. [Organ-specific sequelae of COVID-19 in adults]. Organbezogene Folgeerscheinungen von COVID-19 bei Erwachsenen. 2022. Available from https://doi.org/10.1007/s00103-022-03513-2 | Wrong study design |
| Herman B, Viwattanakulvanid P, Dzulhadj A, Oo AC, Patricia K, Pongpanich S.EFFECT OF FULL VACCINATION AND POST-COVID OLFACTORY DYSFUNCTION IN RECOVERED COVID-19 PATIENT. A RETROSPECTIVE LONGITUDINAL STUDY WITH PROPENSITY MATCHING 2022. Available from https://doi.org/10.1101/2022.01.10.22269007 | Wrong study design |
| Hill NS. In persistent dyspnea after COVID-19 ARDS, exercise training rehabilitation vs. usual PT reduced dyspnea at 90 d. Ann Intern Med. 2023;176(10):JC117. Available from: https://doi.org/10.7326/J23-0073. | Wrong publication type |
| Holtslag HR, van den Borst B, Reijers MHE, Dettling DS. Post-COVID-19 rehabilitation; a matter of customisation. Nazorg voor covid-19-patienten. 2020;164. | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Howard-Jones AR, Burgner DP, Crawford NW, Goeman E, Gray PE, Hsu P, et al. COVID-19 in children. II: Pathogenesis, disease spectrum and management. J Paediatr Child Health. 2021. Available from https://doi.org/10.1111/jpc.15811 | Wrong study design |
| Huang JFYZKYCZZCYYJWTQY. Do patients with and survivors of COVID-19 benefit from telerehabilitation? A meta-analysis of randomized controlled trials. Frontiers in public health. 2022;10. | Wrong patient population |
| Huffman S, Badran B, Dancy M, Austelle C, Kautz S, George M. At-Home Telemedicine Controlled taVNS Twice Daily for 4 weeks is Feasible and Safe for Long COVID Symptoms. Brain Stimul. 2021;14(6):1702-3. Available from https://doi.org/10.1016/j.brs.2021.10.367 | Wrong study design |
| hussien M, Hussien A, ismail W, alsoubky M, ramzy S, Shahin M. Efficacy of pentasodium diethylenetriamine pentaacetate in ameliorating anosmia post COVD-19 (preprint)2022 2022. Available from https://doi.org/10.22541/au.164607067.70886700/v1 | Wrong study design |
| Hussain A, Khurana A, Kumar G, Abhishek S, Raj K. Pulmonary rehabilitation in Covid pneumonia sequelae: so near yet so far. ERJ Open Research. 2021:00398-2021. Available from https://doi.org/10.1183/23120541.00398-2021 | Wrong study design |
| Hwang SH, Kim SW, Basurrah MA, Kim DH. The Efficacy of Olfactory Training as a Treatment for Olfactory Disorders Caused by Coronavirus Disease-2019: A Systematic Review and Meta-Analysis. Am J Rhinol and Allergy. 2023;37(4):495-501. Available from: https://doi.org/10.1177/19458924221150977. | Wrong patient population |
| Hylton H, Pfeffer PE, Robson C, Goodfellow H, Murray E, Ricketts W. Rapid design and implementation of a personalised holistic post-COVID recovery and rehab app. Thorax. 2021;76:A236. Available from http://dx.doi.org/10.1136/thorax-2020-BTSabstracts.412 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Ibrahim AA, Dewir IM, Abu El Kasem ST, Ragab MM, Abdel-Fattah MS, Hussein HM. Influences of high vs. low-intensity exercises on muscle strength, function, and quality of life in post-COVID-19 patients with sarcopenia: a randomized controlled trial. Eur Rev Med Pharmacol Sci. 2023;27(20):9530-9. Available from: https://doi.org/10.26355/eurrev_202310_34126. | Wrong patient population |
| Imamura M, Mirisola AR, Ribeiro FdQ, De Pretto LR, Alfieri FM, Delgado VR, et al. Rehabilitation of patients after COVID-19 recovery: An experience at the Physical and Rehabilitation Medicine Institute and Lucy Montoro Rehabilitation Institute. Clinics (Sao Paulo, Brazil). 2021;76:e2804. Available from https://doi.org/10.6061/clinics/2021/e2804 | Wrong study design |
| Jadhav K, Jariwala P. 'Ivabradin' versus 'Carvedilol' in the management of Post-COVID-19 palpitation with sinus tachycardia. Indian Heart J. 2020;72:S33. Available from https://doi.org/10.1016/j.ihj.2020.11.092 | Wrong study design |
| Jadhav K, Jariwala P. Ivabradine versus carvedilol in the management of palpitation with sinus tachycardia among recovered COVID-19 patients. J Cardiol Cardiovasc Med. 2020;5:176-80. Available from https://doi.org/10.29328/journal.jccm.1001107 | Wrong population |
| Jafar A, Lasso A, Shorr R, Hutton B, Kilty S. Olfactory recovery following infection with COVID-19: A systematic review. PLoS One. 2021;16(11):e0259321. Available from https://doi.org/10.1371/journal.pone.0259321 | Wrong intervention |
| Jain E, Harmon EY, Sonagere MB. Functional Outcomes and Post-Discharge Care Sought by Patients with COVID-19 Compared to Matched Controls After Completing Inpatient Acute Rehabilitation. PM & R : the journal of injury, function, and rehabilitation. 2021. Available from https://doi.org/10.1002/pmrj.12607 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Jalalizadeh M, Buosi K, Dionato FAV, Dal Col LSB, Giacomelli CF, Ferrari KL, et al. Randomized clinical trial of BCG vaccine in patients with convalescent COVID-19: Clinical evolution, adverse events, and humoral immune response. J Intern Med. 2022. Available from https://doi.org/10.1111/joim.13523 | Wrong population |
| Jalusic Gluncic T, Mursic D, Basara L, Vranic L, Mocan A, Jankovic Makek M, et al. Overview of Symptoms of Ongoing Symptomatic and Post-COVID-19 Patients Who Were Reffered to Pulmonary Rehabilitation - First Single-Centre Experience in Croatia. Psychiatria Danubina. 2021;33:565-71. Available from https://pubmed.ncbi.nlm.nih.gov/34718282/ | Wrong study design |
| Jalili E, Khazaei S, Mohammadi A, Keramat F, Hashemi SH, Bashirian S, et al. Effect of Convalescent Plasma Therapy on Clinical Improvement of COVID-19 Patients: a Randomized Clinical Trial. Tanaffos. 2022;21(1):24-30. | Wrong patient population |
| Jamaati H, Hashemian SM, Farzanegan B, Malekmohammad M, Tabarsi P, Marjani M, et al. No clinical benefit of high dose corticosteroid administration in patients with COVID-19: a preliminary report of a randomized clinical trial. Eur J Pharmacol. 2021;897:173947. Available from https://doi.org/10.1016/j.ejphar.2021.173947 | Wrong population |
| Jie D, Chenyuan Q, Minjung L, Yubin L, Myoungsoon Y, Jue L. Rehabilitation Interventions for Old Adults with Post COVID-19 Infection: A Systematic Review and Meta-Analysis of Randomized Controlled Trails. SSRN. 2023. Available from: https://doi.org/10.2139/ssrn.4676944. | Wrong publication type |
| Jimeno-Almazán A, Pallarés JG, Buendía-Romero Á, Martínez-Cava A, Franco-López F, Sánchez-Alcaraz Martínez BJ, et al. Post-covid-19 syndrome and the potential benefits of exercise. Int J Environ Res Public Health. 2021;18(10). Available from https://doi.org/10.3390/ijerph18105329 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Johansson J, Levi R, Jakobsson M, Gunnarsson S, Samuelsson K. Multiprofessional Neurorehabilitation After COVID-19 Infection Should Include Assessment of Visual Function. Arch Rehabil Res Clin Transl. 2022;4(2):100184. Available from https://doi.org/10.1016/j.arrct.2022.100184 | Wrong study design |
| Kabalkin Y, Gil M, Lifshitz E, Moav A, Kabessa M, Jaber S, et al. Effects of SARSCorona virus 2 on IVF treatment parameters: A cohort study of post COVID-19 patients. Hum. Reprod. 2021;36:130-30. | Wrong study design |
| Kabiri M, Emadzadeh M. The Effect of Corticosteroids on Post-Covid-19 Smell Loss: A Meta-Analysis. Iranian Journal of Otorhinolaryngology. 2023;35(5):235-46. Available from: https://doi.org/10.22038/IJORL.2023.72451.3456. | Wrong patient population |
| Kader M, Hossain MA, Reddy V, Perera NKP, Rashid M. Effects of short-term breathing exercises on respiratory recovery in patients with COVID-19: a quasiexperimental study. BMC Sports Science, Medicine and Rehabilitation. 2022;14(1). Available from https://doi.org/10.1186/s13102-022-00451-z | Wrong population |
| Kandakurti PK, Amaravadi SK. Management and Rehabilitation of COVID-19: A Physiotherapist Perspective. Critical Reviews in Physical and Rehabilitation Medicine. 2021;33(1):1-15. Available from https://doi.org/10.1615/CritRevPhysRehabilMed.2021037383 | Wrong study design |
| Kang HY, Ahn HY, Kang MJ, Hur MH. Effects of aromatherapy on sore throat, nasal symptoms and sleep quality in adults infected with COVID-19: A randomized controlled trial. Integrative Medicine Research. 2023;12(4). Available from: https://doi.org/10.1016/j.imr.2023.101001. | Wrong patient population |
| Kardes S. Spa therapy (balneotherapy) for rehabilitation of survivors of COVID-19 with persistent symptoms. Med Hypotheses. 2021;146:110472. Available from https://www.sciencedirect.com/science/article/ pii/S0306987720333636? via%3Dihub | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Karime C, Doulaye Seydou M, Ragland J, Wyrick B, Ijaz M, Khan AM. Pulmonary Function at 1- and 2.5-Months Following Hospital Discharge in Patients with Coronavirus Disease 2019. A Preliminary Study Investigating the Effect of Albuterol Sulfate with or Without Inhaled Corticosteroids. Am J Respir Crit Care Med. 2021;203(9). Available from https://pesquisa.bvsalud.org/global-literatureon-novel-coronavirus-2019-ncov/resource/pt/covidwho-1277768 | Wrong study design |
| Karosanidze I, Kiladze U, Kirtadze N, Giorgadze M, Amashukeli N, Parulava N, et al. Efficacy of Adaptogens in Patients with Long COVID-19: A Randomized, Quadruple-Blind, Placebo-Controlled Trial. Pharmaceuticals (Basel). 2022;15(3). Available from https://doi.org/10.3390/ph15030345 | Wrong population |
| Karthikeyan T. Therapeutic effectiveness of diaphragmatic with costal breathing exercises on C-19 PEFR patients. Intensive Care Medicine Experimental. 2021;9 | Wrong study design |
| Kasnakova P, Kilova K. Recovery and rehabilitation of patients with COVID-19 and post-COVID-19 syndrome. Kuwait Med. J. 2021;53:346-47. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/en/covidwho-1431496 | Wrong study design |
| Kazama I. Stabilizing mast cells by commonly used drugs: a novel therapeutic target to relieve post-COVID syndrome? Drug Discov Ther. 2020;14(5):259-61. Available from https://doi.org/10.5582/ddt.2020.03095 | Wrong study design |
| Kharaeva Z, Shokarova A, Shomakhova Z, Ibragimova G, Trakhtman P, Trakhtman I, et al. Fermented Carica papaya and Morinda citrifolia as Perspective Food Supplements for the Treatment of Post-COVID Symptoms: Randomized Placebo-Controlled Clinical Laboratory Study. Nutrients. 2022;14(11):25. Available from: https://doi.org/10.3390/nu14112203. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Khunti K, Davies MJ, Kosiborod MN, Nauck MA. Long COVID – metabolic risk factors and novel therapeutic management. Nature Reviews Endocrinology. 2021. Available from https://doi.org/10.1038/s41574-021-00495-0 | Wrong study design |
| Kiekens C, Boldrini P, Andreoli A, Avesani R, Gamna F, Grandi M, et al. Rehabilitation and respiratory management in the acute and early post-acute phase "instant paper from the field" on rehabilitation answers to the COVID-19 emergency. Eur J Phys Rehabil Med. 2020;56(3):323-6. Available from https://doi.org/10.23736/s1973-9087.20.06305-4 | Wrong study design |
| Kim TH, Jeon SR, Kang JW, Kwon S. Complementary and Alternative Medicine for Long COVID: Scoping Review and Bibliometric Analysis. Evid Based Complement Alternat Med. 2022;2022:7303393. Available from: https://doi.org/10.1155/2022/7303393. | Wrong publication type. |
| King M, Byrne A, Denehy L, Graham P, Douglas B, de Toni P, et al. Feasibility of a Group-Based Telerehabilitation Intervention for Long COVID Management (preprint) 2022. Available from https://doi.org/10.21203/rs.3.rs-1452186/v1 | Wrong study design |
| Kireyev IV, Zhabotynska NV, Bakumenko MG, Khyzhnyak VM, Knizhenko IB. Rehabilitation in Post COVID-19 Neurological Syndrome. Acta Balneol. 2022;64(1):11-5. Available from https://doi.org/10.36740/ABal202201102 | Wrong population |
| Kirkner RM. Steroids reduced COVID-19 persistent lung dysfunction. Chest Physician. 2021;16(4):10-. | Wrong study design |
| Kirsten J, Jerg A, Matits L, Zorn J, Mentz L, Schulz SVW, Steinacker JM. Respiratory Muscle Training with an App-Based Device Improves Persistent Shortness of Breath in Patients after SARS-CoV-2 Infection – a Randomized Controlled Trial. Dtsch Z Sportmed. 2023;74(5):175-81. Available from: https://doi.org/10.5960/dzsm.2023.570. | Wrong patient population |
| Knight F, Cornish L, Shen X, Thomas C. Is Pulmonary Rehabilitation (PR) effective in people recovering from severe COVID-19 (C-19) pneumonia? Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA2264 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Kokhan S, Romanova E, Nadeina L, Baatar B, Shagdarsuren O, Purevdorj D. EFFECT OF PHYSICAL REHABILATION ON THE FUNCTIONAL STATE OF POST COVID-19 PATIENTS. Laplage Em Revista. 2021;7(3):675-81. Available from https://doi.org/10.24115/S2446-6220202173A1475p.675-681 | Wrong study design |
| Kokhan S, Vlasava S, Kolokoltsev M, Bayankin O, Kispayev T, Trofimova N, et al. Postcovid physical rehabilitation at the sanatorium. Journal of Physical Education and Sport. 2022;22(3):607-13. Available from https://www.efsupit.ro/images/stories/martie2022/Art%2076.pdf | Wrong study design |
| Kolditz M, Beyer-Westendorf J, von Bonin S, Koschel DS. [Persistent dyspnea after COVID-19: Suggestions for follow-up care]. Persistierende Dyspnoe nach COVID-19: Vorschlage zur hausarztlichen Nachsorge. 2021;163(8):52-5. Available from https://doi.org/10.1007/s15006-021-9842-6 | Wrong study design |
| Kryvenko VI, Kolesnyk MY, Bielenichev IF, Pavlov SV. Thiotriazolin effectiveness in complex treatment of patients with post-COVID syndrome. Zaporozhye Medical Journal. 2021;23(3):402-11. Available from https://pesquisa.bvsalud.org/globalliterature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1315014 | Wrong population |
| Kulkarni T, Santiaguel J, Aul R, Harnett M, Paden H, Gara A, et al. Safety and Tolerability of LYT-100 (Deupirfenidone) in Post-Acute Sequelae of SARS-CoV-2 (PASC) "Long COVID" Patients Presenting With Respiratory Complications. American journal of respiratory and critical care medicine. 2023;207(1). Available from: https://doi.org/10.1164/ajrccm-conference.2023.D21. | Wrong publication type |
| Kumari V, Chauhan S, Vakani K, Antonova E, Bryant J. Camera-based visual feedback learning aid for recovering sense of smell and taste in COVID-19 survivors: a proof-of-concept study. Front Psychol. 2023;14:1213254. Available from: https://doi.org/10.3389/fpsyg.2023.1213254. | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Kumar Khurana A, Hussain A, Goyal A, Karna ST, Saigal S, Krishnan Soman R, et al. Six-Week Hospital-Based Pulmonary Rehabilitation in Covid Pneumonia ICU Survivors: Experience from a Tertiary Care Center in Central India. Turkish thoracic journal. 2022;23(2):89-96. Available from https://doi.org/10.5152/TurkThoracJ.2022.21159 | Wrong population |
| Kwan ATH, Le GH, Guo Z, Ceban F, Teopiz KM, Rhee TG, et al. Impacts of metabolic disruption, body mass index and inflammation on cognitive function in post-COVID-19 condition: a randomized controlled trial on vortioxetine. Ann Gen Psychiatry. 2024;23(1):10. Available from: https://doi.org/10.1186/s12991-024-00494-1. | Wrong study design |
| Kwiatkowska K, Partyka O, Pajewska M, Czerw A. POST COVID-19 PATIENTS' REHABILITATION - POTENTIAL OF USING HALOTHERAPY IN THE FORM OF GENERALLYACCESSIBLE INHALATORIA WITH DRY SALT AEROSOL. Acta Pol Pharm. 2021;78(6):749-54. Available from https://doi.org/10.32383/appdr/146494 | Wrong study design |
| LaFond E, Weidman K, Lief L. Care of the postcoronavirus disease 2019 patient. Current opinion in pulmonary medicine, 2021;27(3):199-204. Available from https://doi.org/10.1097/MCP.0000000000000767 | Wrong intervention |
| Laine C, Cotton D. COVID-19: Evaluation and Care of Patients With Persistent Symptoms Following Acute SARS-CoV-2 Infection. Ann. Intern. Med. 2021;174:1159-60. Available from https://doi.org/10.7326/M21-2342 | Wrong study design |
| Lal, A., Mishra, A. K., John, K., & Akhtar, J. Corticosteroids and rehabilitation in COVID-19 survivors. Journal of the Formosan Medical Association = Taiwan yi zhi, 2021;120(5): 1284-85. Available from https://doi.org/10.1016/j.jfma.2020.12.005 | Wrong intervention |

| Study | Reason for exclusion |
|---|---|
| Larinskiy N, Larinskaya I, Byalovskiy Y, Glotov S, Shakhanov A. Evaluation of the effectiveness of low-frequency magnetotherapy in the rehabilitation of patients with pneumonia caused by the SARS-CoV-2 virus (the causative agent of COVID-19). Pakistan Journal of Medical and Health Sciences. 2021;15(6):1706-8. Available from https://doi.org/10.53350/pjmhs211561706 | Wrong population |
| Lasa JJ, Alali A, Anders M, Tume SC, Muscal E, Tejtel SKS, et al. Cardiovascular sequelae from COVID-19: perspectives from a paediatric cardiac ICU. Cardiol Young. 2022:1-8. Available from https://doi.org/10.1017/S1047951122000130 | Wrong study design |
| Lassen MCH, Skaarup KG, Lind JN, Alhakak AS, Sengeløv M, Nielsen AB, et al. Recovery of cardiac function following COVID-19 – ECHOVID-19: a prospective longitudinal cohort study. Eur. J. Heart Fail. 2021;23:1903-12. Available from https://doi.org/10.1002/ejhf.2347 | Wrong study design |
| Lau RI, Ching JY, Wong MC, Lau LHS, Lau SFI, Leung YTR, et al. MODULATION OF GUT MICROBIOME ALLEVIATES POST-ACUTE COVID-19 SYNDROME: a RANDOMISED, TRIPLE-BLIND, PLACEBO-CONTROLLED TRIAL (RECOVERY STUDY). Gastroenterology. 2023;164(6):S-1571. Available from: https://doi.org/10.1016/S0016-5085(23)04756-X. | Wrong publication type |
| Law S, Leung AW, Xu C. Tai-Chi and Baduanjin during treatment and rehabilitation of older adults with COVID-19. Asian Journal of Gerontology and Geriatrics 2020;15:96-96. Available from https://doi.org/10.12809/ajgg-2020-435-letter | Wrong study design |
| Lazzeri M, Lanza A, Bellini R, Bellofiore A, Cecchetto S, Colombo A, et al. Respiratory physiotherapy in patients with COVID-19 infection in acute setting: A Position Paper of the Italian Association of Respiratory Physiotherapists (ARIR). Monaldi Archives for Chest Disease. 2020;90(1):163-8. Available from https://doi.org/10.4081/monaldi.2020.1285 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Leckie T, Hunter A, Hardy B, Palmer A, Standing M-K, Stoner G, et al. A socially distanced and digitally enhanced COVID-19 rehabilitation programme. Clin Med. 2021;21:57. Available from https://doi.org/10.7861/clinmed.21-2-s57 | Wrong study design |
| Lee KM, Ko HJ, Lee GH, Kim AS, Lee DW. A well-structured follow-up program is required after recovery from coronavirus disease 2019 (Covid-19); release from quarantine is not the end of treatment. Journal of Clinical Medicine. 2021;10(11). Available from https://doi.org/10.3390/jcm10112329 | Wrong study design |
| Lee-Mateus AY, Hernandez-Rojas D, Castillo-Larios R, Walsh K, Abia-Trujillo D, Fernandez-Bussy S. Organizing pneumonia post COVID-19: Outcomes of treatment with corticosteroids in the outpatient setting. Respirology 2021;26:176. Available from https://doi.org/10.1111/resp.14150_258 | Wrong study design |
| Leeb S. Long-Covid — Effiziente Behandlungs-Strategien Mit Akupunktur und Homöopathischer Unterstützung Long-COVID — Efficient Acupuncture Strategies Supported by Homeopathic Treatment. Akupunktur & Aurikulomedizin 2021;47:32-35. Available from https://doi.org/10.1007/s15009-021-5749-7 | Wrong study design |
| Lei J, Yang L, Wen G, Qumu S, Ren X, Yang T. Pulmonary telerehabilitation and efficacy among discharged COVID-19 patients: Rational and design of a prospective real-world study. The clinical respiratory journal 2021. Available from https://doi.org/10.1111/crj.13422 | Wrong study design |
| Leite VF, Rampim DB, Jorge VC, de Lima MdCC, Cezarino LG, da Rocha CN, et al. Persistent Symptoms and Disability After COVID-19 Hospitalization: Data From a Comprehensive Telerehabilitation Program. Arch Phys Med Rehabil. 2021;102(7):1308-16. Available from https://doi.org/10.1016/j.apmr.2021.03.001 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Leitl D, Schneeberger T, Glöckl R, Jarosch I, Rembert Koczulla A. Rehabilitation bei Post-COVID-19-Patienten - individuell und zielgerichtet. Pneumo News. 2022;14(1):30-9. Available from https://doi.org/10.1007/s15033-022-2806-4 | Wrong study design |
| Leitl D, Schneeberger T, Jarosch I, Gloeckl R, Koczulla A. Effects of Cranial Electrical Stimulation in Patients With Post-Covid Syndrome With and Without Anxiety Symptoms- a Pilot Randomized Controlled Trial. American journal of respiratory and critical care medicine. 2023;207(1). Available from: https://doi.org/10.1164/ajrccm-conference.2023.A64. | Wrong publication type |
| Leitman M, Fuchs S, Tyomkin V, Hadanny A, Zilberman-Itskovich S, Efrati S. The effect of hyperbaric oxygen therapy on myocardial function in post- covid syndrome patients: a randomized controlled trial. European heart journal cardiovascular Imaging. 2023;24:i57. Available from: https://doi.org/10.1093/ehjci/jead119.040. | Wrong publication type |
| Lerner D, Garvey KL, Kominsky E, Del Signore A, Govindaraj S, Iloreta AMC. Omega-3 Fatty Acid Supplementation for the Treatment of COVID-19-Related Olfactory Dysfunction. Otolaryngology - head and neck surgery. 2022;167(1):P147. Available from: https://doi.org/10.1177/01945998221107672. | Wrong publication type |
| Li L, An X, Zhang Q, Tao J, He J, Chen Y, et al. Shumian capsule (舒眠胶囊) improves symptoms of sleep mood disorder in convalescent patients of Corona Virus Disease 2019. J Tradit Chin Med. 2021;41(6):974-81. Available from https://doi.org/10.19852/j.cnki.jtcm.2021.06.015 | Obvious inconsistencies in data |
| Li L, Gou CY, Li XM, Song WY, Wang XJ, Li HY, et al. Effects of Chinese Medicine on Symptoms, Syndrome Evolution, and Lung Inflammation Absorption in COVID-19 Convalescent Patients during 84-Day Follow-up after Hospital Discharge: A Prospective Cohort and Nested Case-Control Study. Chin J Integr Med. 2021;27(4):245-51. Available from https://doi.org/10.1007/s11655-021-3328-3 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Lim L. Treating COVID-19 with photobiomodulation-short-term recovery and longhaul neuroregulation. NeuroRegulation. 2021;8(4):207-8. | Wrong study design |
| Lima Bosi P, de Freitas Januzzi LF, Barreto de Paula P, Carvalho de Oliveira C, Scianni CA, Nunes da Costa TA, et al. A importância da reabilitação pulmonar em pacientes com COVID-19. Fisioterapia Brasil. 2021;22(2):261-71. Available from https://doi.org/10.33233/fb.v22i2.4288 | Wrong study design |
| Limbach M, Hayden M, Nowak D, Schwarzl G, Jakab K, Merkl S, et al. Pneumological Rehabilitation in Post-Covid-19 Patients: Experiences and Shortterm Treatment Results. Pneumologie 2021;75:S51-S51. | Wrong study design |
| Lin Y, Saper R, Patil SJ. Long COVID Shared Medical Appointments: Lifestyle and Mind-Body Medicine With Peer Support. Ann Fam Med. 2022. Available from https://doi.org/10.7302/3956 | Wrong study design |
| Liska D, Andreansky M. Rehabilitation and physical activity for COVID-19 patients in the post infection period. Bratislava Medical Journal. 2021;122(5):310-4. Available from https://doi.org/10.4149/BLL_2021_052 | Wrong study design |
| Liu K, Zhang W, Yang Y, Zhang J, Li Y, Chen Y. Respiratory rehabilitation in elderly patients with COVID-19: A randomized controlled study. Complement Ther Clin Pract. 2020 May;39:101166. Available from https://doi.org/10.1016/j.ctcp.2020.101166 | Wrong population |
| Liu Y, Yang YQ, Liu Y, Pei SL, Yang HH, Wu JJ, et al. Effects of group psychological intervention combined with pulmonary rehabilitation exercises on anxiety and sleep disorders in patients with mild coronavirus disease 2019 (COVID-19) infections in a Fangcang hospital. Psychol Health Med. 2021:1-11. Available from: https://doi.org/10.1080/13548506.2021.1916956 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Llurda-Almuzara L, Rodriguez-Sanz J, Lopez-de-Celis C, Aiguade-Aiguade R, Aran-Jove R, Labata-Lezaun N, et al. Effects of Adding an Online Exercise Program on Physical Function in Individuals Hospitalized by COVID-19: A Randomized Controlled Trial. Int J Environ Res Public Health. 2022;19(24):10. Available from: https://doi.org/10.3390/ijerph192416619. | Wrong patient population. |
| Lu ZH, Yang CL, Yang GG, Pan WX, Tian LG, Zheng JX, et al. Efficacy of the combination of modern medicine and traditional Chinese medicine in pulmonary fibrosis arising as a sequelae in convalescent COVID-19 patients: a randomized multicenter trial. Infectious diseases of poverty. 2021;10(1):31. Available from https://doi.org/10.1186/s40249-021-00813-8 | Wrong study design |
| Lucidi D, Molinari G, Silvestri M, De Corso E, Guaraldi G, Mussini C, et al. Patientreported olfactory recovery after SARS-CoV-2 infection: A 6-month follow-up study. International forum of allergy & rhinology. 2021. Available from https://doi.org/10.1002/alr.22775 | Wrong intervention |
| Ludvigsson JF. Spanish telemedicine data on 8 children support concept of “long covid” in children. Acta Paediatr. 2021. Available from https://doi.org/10.1111/apa.15869 | Wrong study design |
| Luo X, Zhang Z, Shi X, He C, Wang J, Wu Q, Huang G. Arts therapies for mental disorders in COVID-19 patients: a comprehensive review. Front. 2023;11:1289545. Available from: https://doi.org/10.3389/fpubh.2023.1289545. | Wrong patient population |
| Lyadov KV, Koneva ES, Polushkin VG, Sultanov E, Lukashin MA. Randomized controlled study on pulmonary rehabilitation in COVID-19 patients with pneumonia. Pulmonologiya. 2020;30(5):569-76. Available from https://doi.org/10.18093/0869-0189-2020-30-5-569-576 | Wrong population |
| Malcolm MP. Occupational Therapy in Postacute Care for Survivors of COVID-19: Research Gaps We Need to Fill. Am. J. Occup. Ther. 2021;75:1-5. Available from https://doi.org/10.5014/ajot.2021.049195 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Maldonado-Belmonte MJ, Fernández-Jiménez E, Sánchez-Polo MT. On verbal working memory. Descriptive study in post-intensive care syndrome patients after COVID-19 infection in a functional rehabilitation unit in Spain. A pilot study. Eur. Psychiatry 2021;64:S664-S65. Available from https://pesquisa.bvsalud.org/globalliterature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1357364 | Wrong study design |
| Maldonado-Belmonte MJ, Fernández-Jiménez E, Román-Belmonte JM. On general cognitive functioning. Descriptive study in post-intensive care syndrome patients after COVID-19 infection in a functional rehabilitation unit in Spain. A pilot study. Eur. Psychiatry 2021;64:S665-S65. Available from https://doi.org/10.1192/j.eurpsy.2021.1765 | Wrong study design |
| Maldonado-Belmonte MJ, Fernández-Jiménez E, Vázquez-Sasot A. On delayed verbal learning. Descriptive study in post-intensive care syndrome patients after COVID-19 infection in a functional rehabilitation unit in Spain. A pilot study. Eur. Psychiatry 2021;64:S664-S64. Available from https://doi.org/10.1192/j.eurpsy.2021.1763 | Wrong study design |
| Maltser S, Trovato E, Fusco HN, Sison CP, Ambrose AF, Herrera J, et al. Challenges and Lessons Learned for Acute Inpatient Rehabilitation of Persons With COVID-19: Clinical Presentation, Assessment, Needs, and Services Utilization. Am J Phys Med Rehabil. 2021;100(12):1115-23. Available from https://doi.org/10.1097/PHM.0000000000001887 | Wrong study design |
| Malyavin AG, Babak SL, Gorbunova MV. Respiratory rehabilitation for post-COVID-19 patients. Russian Archives of Internal Medicine, 2021;11(1):22-33. Available from https://doi.org/10.20514/2226-6704-2021-11-1-22-33 | Wrong study design |
| Maniscalco M, Ambrosino P, Fuschillo S, Stufano S, Sanduzzi A, Matera MG, et al. Bronchodilator reversibility testing in post-COVID-19 patients undergoing pulmonary rehabilitation. Respir Med. 2021;182:106401. Available from https://doi.org/10.1016/j.rmed.2021.106401 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Maniscalco M, Fuschillo S, Ambrosino P, Martucci M, Papa A, Matera MG, et al. Preexisting cardiorespiratory comorbidity does not preclude the success of multidisciplinary rehabilitation in post-COVID-19 patients. Respir Med. 2021;184:106470. Available from https://doi.org/10.1016/j.rmed.2021.106470 | Wrong study design |
| Marin T, Maxel X, Robin A, Stubbe L. Evidence-based assessment of potential therapeutic effects of adjunct osteopathic medicine for multidisciplinary care of acute and convalescent COVID-19 patients. Explore (New York, NY). 2021;17(2):141-7. Available from https://doi.org/10.1016/j.explore.2020.09.006 | Wrong study design |
| Marinoni B, Rimondi A, Bottaro F, Ciafardini C, Amoroso C, Muià M, et al. The Role of VSL#3® in the Treatment of Fatigue and Other Symptoms in Long Covid-19 Syndrome: a Randomized, Double-blind, Placebo-controlled Pilot Study (DELong#3). 2023. | Wrong publication type |
| Martinez-Pozas O, Melendez-Oliva E, Rolando LM, Rico JAQ, Corbellini C, Sanchez Romero EA. The pulmonary rehabilitation effect on long covid-19 syndrome: A systematic review and meta-analysis. Physiother Res Int. 2024;29(2):e2077. Available from: https://doi.org/10.1002/pri.2077. | Wrong study design; |
| Mazumder MD. EFFECTIVENESS OF IVIG AND PULSE METHYLPREDNISOLONE IN TREATING MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN (MIS-C) ASSOCIATED WITH COVID-19: A SYSTEMATIC REVIEW AND META-ANALYSIS. Journal of Population Therapeutics and Clinical Pharmacology. 2023;30(19):1709-17. Available from: https://doi.org/10.53555/jptcp.v30i19.3892. | Wrong patient population |
| Mazza MG, Palladini M, Zanardi R, Benedetti F. P.0404 Rapid antidepressant response to first-line selective serotonin reuptake inhibitors in post-COVID-19 depression. Eur. Neuropsychopharmacol. 2021;53:S292-S93. Available from https://doi.org/10.1016/j.euroneuro.2021.09.009 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| McDowell C, McManus L, Tyner B, Spillane D, Spillane S, Carrigan M, et al. Interventions to improve long COVID symptoms: a systematic review. Ireland: Health Information and Quality Authority (HIQA); 2023. Available from: https://www.hiqa.ie/sites/default/files/2023-07/Report%20-%20Review%20of%20Long%20COVID%20Interventions_0.pdf. | Wrong patient population |
| McGregor G, Sandhu H, Bruce J, Sheehan B, McWilliams D, Yeung J, et al. Rehabilitation Exercise and psycholoGical support After covid-19 InfectioN' (REGAIN): a structured summary of a study protocol for a randomised controlled trial. Trials. 2021;22(1):8. Available from https://doi.org/10.1186/s13063-020-04978-9 | Wrong study design |
| McNarry M, Shelley J, Hudson J, Saynor Z, Duckers J, Lewis K, et al. Late Breaking Abstract - A randomised control trial using inspiratory muscle training in post-COVID-19 rehabilitation. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.OA169 | Wrong study design |
| Melegari G, Giuliani E, Dallai C, Veronesi L, Bertellini E, Osmenaj S, et al. Intensive Care Patients from the First COVID-19 Wave: One-Year Survival after Tocilizumab Treatment. Journal of personalized medicine. 2021;11(11). Available from https://doi.org/10.3390/jpm11111234 | Wrong population |
| Melendez-Oliva E, Martinez-Pozas O, Cuenca-Zaldivar JN, Villafane JH, Jimenez-Ortega L, Sanchez-Romero EA. Efficacy of Pulmonary Rehabilitation in Post-COVID-19: A Systematic Review and Meta-Analysis. Biomedicines. 2023;11(8):07. Available from: https://doi.org/10.3390/biomedicines11082213. | Wrong study design |
| Membrilla JA, Caronna E, Trigo-López J, González-Martínez A, Layos-Romero A, Pozo-Rosich P, et al. Persistent headache after COVID-19: Pathophysioloy, clinic and treatment. Neurology Perspectives 2021;1:S31-S36. Available from https://doi.org/10.1016/j.neurop.2021.10.003 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Merellano-Navarro E, Camacho-Cardenosa M, Costa GP, Wiggers E, Marcolino Putti G, Evandro Nogueira J, et al. Effects of Different Protocols of Moderate-Intensity Intermittent Hypoxic Training on Mental Health and Quality of Life in Brazilian Adults Recovered from COVID-19: The AEROBICOVID Double-Blind Randomized Controlled Study. Healthcare (2227-9032). 2023;11(23):3076. Available from: https://doi.org/10.3390/healthcare11233076. | Wrong patient population |
| Michaud S. Evolving Approaches to Testing and Treatment for LONG COVID. Clinical Laboratory News. 2021;47(9):10-4. Available from https://www.aacc.org/cln/articles/2021/november/evolving-approaches-totesting-and-treatment-for-long-covid | Wrong study design |
| Milne A, Maskell S, Sharp C, Hamilton FW, Arnold DT. Impact of dexamethasone on persistent symptoms of COVID-19: an observational study (preprint). 2021. Available from https://doi.org/10.1101/2021.11.17.21266392 | Wrong population |
| Missé RG et al. Transcranial direct current electrical stimulation in combination with aerobic exercise is effective in reducing fatigue and pain in post-COVID-19 systemic autoimmune rheumatic patients (preprint) 2021. Available from https://search.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/en/ppcovidwho-291857 | Wrong study design |
| Mitrani MI, Bellio MA, Meglin A, Khan A, Xu X, Haskell G, et al. Treatment of a COVID-19 long hauler with an amniotic fluid-derived extracellular vesicle biologic. Respiratory Medicine Case Reports 2021:101502-02. Available from https://doi.org/10.1016/j.rmcr.2021.101502 | Wrong study design |
| Modi P, Kulkarni S, Nair G, Kapur R, Chaudhary S, Langade D, et al. Evaluation of post-COVID functional capacity and oxygen desaturation using 6-minute walk test-An observational study. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA3162 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Mohamad SA, Badawi AM, El-Sabaa RM, Ahmad HM, Mohamed AS. Study of Different Local Treatments of Post COVID-19 Smell Dysfunction. Iran. 2022;34(125):281-8. Available from: https://doi.org/10.22038/IJORL.2022.58339.3012. | Wrong patient population |
| Mohamad SA, Sayed SM, Sadek AA, Badawi AM. Randomized Clinical Trial Comparing Insulin Fast Dissolving Films versus Control Group for Anosmic Patients for Improving Their Health and Social Qualities of Life. Open Access Journal of Clinical Trials. 2022;14:25-33. Available from: https://doi.org/10.2147/OAJCT.S389489. | Wrong patient population |
| Mohr A, Dannerbeck L, Lange TJ, Pfeifer M, Blaas S, Salzberger B, et al. Cardiopulmonary exercise pattern in patients with persistent dyspnoea after recovery from COVID-19. Multidisciplinary respiratory medicine. 2021;16(1):732. Available from https://doi.org/10.4081/mrm.2021.732 | Wrong intervention |
| Moretta P, Maniscalco M, Papa A, Lanzillo A, Trojano L, Ambrosino P. Cognitive impairment and endothelial dysfunction in convalescent COVID-19 patients undergoing rehabilitation. Eur. J. Clin. Invest. 2022;52. Available from https://doi.org/10.1111/eci.13726 | Wrong study design |
| Morgan SP, Visovsky C, Thomas B, Klein AB. Respiratory Muscle Strength Training in Patients Post-COVID-19: A Systematic Review. Clin Nurs Res. 2024;33(1):60-9. Available from: https://doi.org/10.1177/10547738231201994. | Wrong patient population |
| Morrow G. État des connaissances - Organisation des soins et des services pour la prévention et la prise en charge des affections post-COVID-19 2022 | Wrong study design |
| Mosavi SS, Molanorouzi K, Shojaei M, Bahari SM. Comparing the Effectiveness of Mindfulness and Aerobic Exercise on Psychological Factors and Sleep Quality Following Recovery from COVID-19. Journal of Mazandaran University of Medical Sciences. 2023;33(220):66-78. | Wrong langauge |

| Study | Reason for exclusion |
|---|---|
| Mu M. Effect on Novel Corona-Virus Pneumonia Patients' Rehabilitation Training of Tibetan Folk Music. Basic Clin Pharmacol Toxicol. 2020;127:267-. | Wrong study design |
| Mumnoon F, Mathew PA, M Pk. Effectiveness of Hyperbaric Oxygen Therapy and High Intensity Interval Training for Post Covid Patients: A Literature Review. Indian Journal of Physiotherapy & Occupational Therapy. 2023;17(1):12-5. Available from: https://doi.org/10.37506/ijpot.v17i1.18964. | Wrong publication type |
| Mumtaz A, Sheikh AAE, Khan AM, Khalid SN, Khan J, Nasrullah A, et al. COVID-19 Vaccine and Long COVID: A Scoping Review. Life (Basel). 2022;12(7):16. Available from: https://doi.org/10.3390/life12071066. | Wrong publication type |
| Myall KJ, Mukherjee B, Castanheira AM, Lam JL, Benedetti G, Mak SM, et al. Persistent Post-COVID-19 Interstitial Lung Disease. An Observational Study of Corticosteroid Treatment. Annals of the American Thoracic Society. 2021;18(5):799-806. Available from https://doi.org/10.1513/AnnalsATS.202008-1002OC | Wrong study design |
| Naeije R, Caravita S. Phenotyping long COVID. Eur. Respir. J. 2021;58. Available from https://doi.org/10.1183/13993003.01763-2021 | Wrong study design |
| Nag AK, Saltagi AK, Saltagi MZ, Wu AW, Higgins TS, Knisely A, et al. Management of Post-Infectious Anosmia and Hyposmia: A Systematic Review. Ann Otol Rhinol Laryngol. 2023;132(7):806-17. Available from: https://doi.org/10.1177/00034894221118186. | Wrong patient population |
| Nagy EN, Elimy DA, Ali AY, Ezzelregal HG, Elsayed MM. Influence of Manual Diaphragm Release Technique Combined with Inspiratory Muscle Training on Selected Persistent Symptoms in Men with Post-Covid-19 Syndrome: A Randomized Controlled Trial. J Rehabil Med. 2022;54:jrm00330. Available from: https://doi.org/10.2340/jrm.v54.3972. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Nambi G, Abdelbasset WK, Alrawaili SM, Elsayed SH, Verma A, Vellaiyan A, et al. Comparative effectiveness study of low versus high-intensity aerobic training with resistance training in community-dwelling older men with post-COVID 19 sarcopenia: A randomized controlled trial. Clin Rehabil. 2021:2692155211036956. Available from https://doi.org/10.1177/02692155211036956 | Wrong population |
| Naoi Shunsuke, Nakazato Shunsuke, Kamesako Junya, Sekine Shusuke, Imaizumi Hitoshi. Effect of Respiratory Rehabilitation for a Patient with Severe Pneumonia and Intensive Care Unit Acquired Weakness (ICU-AW) Due to COVID-19. Rigakuryoho Kagaku. 2021;36(5):747-52 | Wrong study design |
| Natarajan A, Shetty A, Delanerolle G, Zeng Y, Zhang Y, Raymont V, et al. A systematic review and meta-analysis of Long COVID symptoms. P. Phiri, Southern Health NHS Foundation Trust Research, Innovation Department Clinical Trials Facility, Moorgreen Hospital, Southampton, United Kingdom 2022. Available from https://doi.org/10.1101/2022.03.08.22272091 | No intervention |
| Naureen Z, Dautaj A, Nodari S, Fioretti F, Dhuli K, Anpilogov K, et al. Proposal of a food supplement for the management of post-COVID syndrome. Eur Rev Med Pharmacol Sci. 2021;25(1):67-73. Available from https://doi.org/10.26355/eurrev_202112_27335 | Wrong control |
| Nazir A, Hasri I. Pathophysiology and rehabilitation management of exercise intolerance in COVID-19 patients. Ann Thorac Med. 2022;17(2):87-93. Available from https://doi.org/10.4103/atm.atm_357_21 | Wrong study design |
| Nct. COVID-19 Long-Haulers Study. Available from https://clinicaltrials.gov/show/NCT04678830 2020 | Wrong study design |
| Nct. Anhydrous Enol-Oxaloacetate (AEO) on Improving Fatigue in Post-COVID-19 Survivors. Available from https://clinicaltrials.gov/show/NCT04592354 2020 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Nct. Symptom-based Rehabilitation Compared to Usual Care in Post-COVID – a Randomized Controlled Trial. https://clinicaltrials.gov/show/NCT05172206 2021. Eur. J. Clin. Invest. 2022;52. Available from https://clinicaltrials.gov/ct2/show/NCT05172206 | Wrong study design |
| Nct. Anosmia and Covid-19. 2022. Available from https://clinicaltrials.gov/ct2/show/NCT05246059 | Wrong study design |
| Negm AM, Salopek A, Zaide M, Meng VJ, Prada C, Chang Y, et al. Rehabilitation at the Time of Pandemic: Patient Journey Recommendations. Front Aging Neurosci. 2022;14:781226. Available from https://doi.org/10.3389/fnagi.2022.781226 | Wrong study design |
| Negrini S, Mills J-A, Arienti C, Kiekens C, Cieza A. "Rehabilitation Research Framework for Patients With COVID-19" Defined by Cochrane Rehabilitation and the World Health Organization Rehabilitation Programme. Arch Phys Med Rehabil. 2021;102(7):1424-30. Available from https://doi.org/10.1016/j.apmr.2021.02.018 | Wrong population |
| Negrini F, de Sire A, Andrenelli E, Lazzarini SG, Patrini M, Ceravolo MG. Rehabilitation and COVID-19: update of the rapid living systematic review by Cochrane Rehabilitation Field as of April 30, 2021. Eur J Phys Rehabil Med. 2021;57(4):663-7. Available from https://doi.org/10.23736/S1973-9087.21.07125-2 | Wrong study design |
| Nesina IA, Golovko EA, Shakula AV, Figurenko NN, Zhilina IG, Khomchenko TN, et al. experience of outpatient rehabilitation of Patients after Pneumonia associated with the New coronavirus Infection coVID-19. Vestnik Vosstanovitel'noj Mediciny. 2021;20(5):4-11. Available from https://pesquisa.bvsalud.org/global-literature-onnovel-coronavirus-2019-ncov/resource/pt/covidwho-1614634 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Nevalainen OPO, Horstia S, Laakkonen S, Rutanen J, Mustonen J, Kalliala I, et al. Effect of Remdesivir on Recovery, Quality of Life, and Long-COVID Symptoms One Year after Hospitalization for COVID-19 Infection: a Randomized Controlled SOLIDARITY Finland Trial. Open forum infectious diseases. 2022;9:S480. Available from: https://doi.org/10.1093/ofid/ofac492.965. | Wrong publication type |
| Nguyen-Hoang A. Nutrition therapy for long COVID. British journal of nursing (Mark Allen Publishing). 2021;30(21):S28-S9. Available from https://doi.org/10.12968/bjon.2021.30.21.S28 | Wrong study design |
| Njoku IO, Aggarwal A, Bamgartner M, Lever JEP, Fleming TK. Letter regarding "Outcomes of a COVID-19 recovery program for patients hospitalized with SARSCoV-2 infection in New York City: A prospective cohort study". PM R. 2021;13(8):925-6. Available from https://doi.org/10.1002/pmrj.12653 | Wrong study design |
| Nopp S, Moik F, Klok FA, Gattinger D, Petrovic M, Vonbank K, et al. Late Breaking Abstract - Outpatient pulmonary rehabilitation in patients with long COVID. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA2119 | Wrong study design |
| Nopp S, Moik F, Klok FA, Gattinger D, Petrovic M, Vonbank K, et al. Outpatient Pulmonary Rehabilitation in Patients with Long COVID Improves Exercise Capacity, Functional Status, Dyspnea, Fatigue, and Quality of Life. Respiration; international review of thoracic diseases. 2022:1-9. Available from https://doi.org/10.1159/000522118 | Wrong study design |
| Pulmonary Rehabilitation Framework; Exercise Prescription for Recovered COVID-19 Patients. Asian J Sports Med. 2020;11(4):1-4. Available from https://doi.org/10.5812/asjsm.107575 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Notarte KI, Catahay JA, Velasco JV, Pastrana A, Ver AT, Pangilinan FC, et al. Impact of COVID-19 vaccination on the risk of developing long-COVID and on existing long-COVID symptoms: A systematic review. EClinicalMedicine. 2022;53:101624. Available from: https://doi.org/10.1016/j.eclinm.2022.101624. | Wrong intervention |
| Nourian R, Niyazi S, Nazarieh M, Sharafi SE, Shahi MHP. IASEM-TUMS COVID-19 Virtual Novak P, Cunder K, Petrovic O, Oblak T, Dular K, Zupanc A, et al. Rehabilitation of COVID-19 patients with respiratory failure and critical illness disease in Slovenia: an observational study. International journal of rehabilitation research. Internationale Zeitschrift fur Rehabilitationsforschung. Revue internationale de recherches de readaptation 2022. Available from https://doi.org/10.1097/MRR.0000000000000513 | Wrong study design |
| O'Brien H, Tracey MJ, Ottewill C, O'Brien ME, Morgan RK, Costello RW, et al. An integrated multidisciplinary model of COVID-19 recovery care. Ir J Med Sci. 2021;190(2):461-8. Available from https://doi.org/10.1007/s11845-020-02354-9 | Wrong study design |
| O'Byrne L, Webster KE, MacKeith S, Philpott C, Hopkins C, Burton MJ. Interventions for the treatment of persistent post-COVID-19 olfactory dysfunction. The Cochrane database of systematic reviews. 2021;7:CD013876. Available from https://doi.org/10.1002/14651858.CD013876.pub2 | Wrong study design |
| O'Byrne L, Webster KE, MacKeith S, Philpott C, Hopkins C, Burton MJ. Interventions for the treatment of persistent post-COVID-19 olfactory dysfunction. Cochrane Database Syst Rev. 2022;9:CD013876. Available from: https://doi.org/10.1002/14651858.CD013876.pub3. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| O´Grady M, Bowen B, Sadlier C, Plant BJ, Kennedy M, Henry MT, et al. An overview of the establishment and delivery of a Virtual Pulmonary Rehabilitation Programme in Cork University Hospital for patients following COVID 19 infection. Ir J Med Sci. 2021;190:S12-S3. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7788179/ | Wrong study design |
| O'Reilly M, Gillen C, Meehan C, Counihan I, Hassan T. Pulmonary rehabilitation programme: A transcendence during COVID-19 pandemic. Ir. Med. J. 2020;113:1-2. Available from https://search.bvsalud.org/global-literature-on-novelcoronavirus-2019-ncov/resource/en/covidwho-829391 | Wrong study design |
| O'Sullivan O, Barker-Davies RM, Thompson K, Bahadur S, Gough M, Lewis S, et al. Rehabilitation post-COVID-19: cross-sectional observations using the Stanford Hall remote assessment tool. BMJ military health. 2021. Available from https://doi.org/10.1136/bmjmilitary-2021-001856 | Wrong intervention |
| Ocal S. Pulmonary rehabilitation. J Crit Intensive Care. 2020;11:16-7. Available from https://doi.org/10.37678/dcybd.2020.2367 | Wrong study design |
| Oliveira MR, Hoffman M, Jones AW, Holland AE, Borghi-Silva A. Effect of pulmonary rehabilitation on exercise capacity, dyspnea, fatigue and peripheral muscle strength in patients with post-COVID-19 syndrome: A systematic review and meta-analysis. Arch Phys Med Rehabil. 2024;02:02. Available from: https://doi.org/10.1016/j.apmr.2024.01.007. | Wrong patient population |
| Omarova I, Akanova A, Kurmanova A, Kurmanova G, Glushkova N, Seidanova A, Turysbekov K. Acupuncture as an Additional Method of Rehabilitation Post-COVID-19: a randomized controlled trial. J. 2023;26(3):238-46. Available from: https://doi.org/10.3831/KPI.2023.26.3.238. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Ono R, Arita R, Takayama S, Kikuchi A, Ohsawa M, Saito N, et al. Kampo Medicine Promotes Early Recovery From Coronavirus Disease 2019-Related Olfactory Dysfunction: A Retrospective Observational Study. Front Pharmacol. 2022;13:844072. Available from https://doi.org/10.3389/fphar.2022.844072 | Wrong population |
| Ora J, Calzetta L, Frugoni C, Puxeddu E, Rogliani P. Expert guidance on the management and challenges of long-COVID syndrome: a systematic review. Expert Opin Pharmacother. 2023;24(3):315-30. Available from: https://doi.org/10.1080/14656566.2022.2161365. | Wrong publication type |
| Ostojic SM. Can creatine help in pulmonary rehabilitation after COVID-19? Ther Adv Respir Dis. 2020;14:1753466620971144. Available from https://doi.org/10.1177/1753466620971144 | Wrong study design |
| Oudjedi A. The Potential Benefits of antihistamine therapy and exercise rehabilitation in women with Post-COVID-19 Syndrome. Apunts Sports Medicine. 2022:100384-. Available from https://doi.org/10.1016/j.apunsm.2022.100384 | Wrong study design |
| Ouellette NH, Bellinger L, Leonard J. Examining the Effectiveness of OT in the Treatment of Patients Recovering From COVID-19 in the Rehabilitation Setting. Am. J. Occup. Ther. 2021;75:1-1. Available from https://doi.org/10.5014/ajot.2021.75S2-RP157 | Wrong study design |
| Pak VM, Lee J. Examining the role of micronutrients on improving long COVID sleep-related symptoms. J Clin Nurs. 2022;20:20. Available from: https://doi.org/10.1111/jocn.16326. | Wrong study design |
| Pal GK, Nanda N, Renugasundari M, Pal P, Pachegaonkar U. Acute effects of prone asanas and pal's pranayama on myalgia, headache, psychological stress and respiratory problems in the covid-19 patients in the recovery phase. Biomedicine (India). 2020;40(4):526-30. Available from https://doi.org/10.51248/.v40i4.334 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Pan Hj, Bao Xh, Chen Jy, Feng Y, Kang By, Wang Jx, et al. Respiratory rehabilitation assisted by respiratory trainers in patients with coronavirus disease 2019: an analysis of efficacy. Academic journal of second military medical university. 2021;42(3):255-60. Available from https://doi.org/10.16781/j.0258-879x.2021.03.0255 | Wrong population |
| Pan Hj, Bao Xh, Chen Jy, Feng Y, Kang By, Wang Jx, et al. Respiratory rehabilitation assisted by respiratory trainers in patients with coronavirus disease 2019: an analysis of efficacy. Academic journal of second military medical university. 2021;42(3):255-60. Available from https://doi.org/10.16781/j.0258-879x.2021.03.0255 | Wrong population |
| Pang W, Yang F, Zhao Y, Dai E, Feng J, Huang Y, et al. Qingjin Yiqi granules for post-COVID-19 condition: A randomized clinical trial. J Evid Based Med. 2022;15(1):30-8. Available from https://doi.org/10.1111/jebm.12465 | Wrong population |
| Paolucci T, Patrizio G, Pietrantonio D, Rapacchiale G, Spacone A, Parruti G, et al. Utility of High Flow Nasal Cannula during Pulmonary Rehabilitation in COVID-19 Patients in Acute Respiratory Failure. Applied Sciences. 2022;12(9):4637-. Available from https://doi.org/10.3390/app12094637 | Wrong population |
| Parker AJ, Humbir A, Tiwary P, Mishra M, Shanmugam M, Bhatia K, et al. Recovery after critical illness in COVID-19 ICU survivors. Br J Anaesth. 2021;126(6):e217-e9. Available from https://doi.org/10.1016/j.bja.2021.03.005 | Wrong study design |
| Parreira LFS, Pinheiro SL, Fontana CE. Photobiomodulation in the Treatment of Dysgeusia in Patients with Long COVID: A Single-Blind, Randomized Controlled Trial. Photobiomodul Photomed Laser Surg. 2024;28:28. Available from: https://doi.org/10.1089/photob.2023.0148. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Patel N, Steinberg C, Patel R, Chomali C, Doulatani G, Lindsay L, Jaywant A. Description and Functional Outcomes of a Novel Interdisciplinary Rehabilitation Program for Hospitalized Patients With COVID-19. Am. J. Phys. Med. Rehabil. 2021;100:1124-32. Available from https://doi.org/10.1097/PHM.0000000000001897 | Wrong study design |
| Paz LES, da Silva Bezerra BJ, de Melo Pereira TM, da Silva WE. Covid-19: The importance of physical therapy in the recovery of workers' health. Revista Brasileira de Medicina do Trabalho. 2021;19(1):94-106. Available from https://doi.org/10.47626/1679-4435-2021-709 | Wrong study design |
| Pehlivan E, Palalı İ, Atan S, Turan D, Çınarka H, Çetinkaya E. The effectiveness of POST-DISCHARGE telerehabilitation practices in COVID-19 patients: Tele-COVID study-randomized controlled trial. Ann Thorac Med. 2022;17(2):110-7. Available from https://doi.org/10.4103/atm.atm_543_21 | Wrong population |
| Pen J, Deslypere JP, Comhaire F. Treating patients with "Long COVID" or "Post COVID Syndrome". Acta Clin. Belg. 2021;76:30-30. | Wrong study design |
| Petraglia F, Chiavilli M, Zaccaria B, Nora M, Mammi P, Ranza E, et al. Rehabilitative treatment of patients with COVID-19 infection: the P.A.R.M.A. evidence based clinical practice protocol. Acta bio-medica : Atenei Parmensis. 2020;91(4):e2020169. Available from https://air.unipr.it/retrieve/handle/11381/2889540/223259/Covid%2019%20PARMA%20Protocol.pdf | Wrong study design |
| Piekarski F, Steinbicker AU, Armann JP. The multisystem inflammatory syndrome in children and its association to SARS-CoV-2. Curr Opin Anaesthesiol. 2021;34(4):521-29. Available from https://doi.org/10.1097/ACO.0000000000001024 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Pietranis KA, Izdebska WM, Kuryliszyn-Moskal A, Dakowicz A, Ciołkiewicz M, Kaniewska K, et al. Effects of Pulmonary Rehabilitation on Respiratory Function and Thickness of the Diaphragm in Patients with Post-COVID-19 Syndrome: A Randomized Clinical Trial. Journal of Clinical Medicine. 2024;13(2). Available from: https://doi.org/10.3390/jcm13020425. | Wrong patient population |
| Pilloni G, Bikson M, Badran BW, George MS, Kautz SA, Okano AH, et al. Update on the Use of Transcranial Electrical Brain Stimulation to Manage Acute and Chronic COVID-19 Symptoms. Front Hum Neurosci. 2020;14:595567. Available from https://doi.org/10.3389/fnhum.2020.595567 | Wrong study design |
| Piquet V, Luczak C, Seiler F, Monaury J, Martini A, Ward AB, et al. Do Patients With COVID-19 Benefit from Rehabilitation? Functional Outcomes of the First 100 Patients in a COVID-19 Rehabilitation Unit. Archives of physical medicine and rehabilitation, 2021; S0003-9993(21)00134-9. Available from https://doi.org/10.1016/j.apmr.2021.01.069 | Wrong study design |
| Pires IAT, Steffens ST, Mocelin AG, Shibukawa DE, Leahy L, Saito FL, et al. Intensive Olfactory Training in Post-COVID-19 Patients: A Multicenter Randomized Clinical Trial. Am J Rhinol Allergy. 2022;36(6):780-7. Available from: https://doi.org/10.1177/19458924221113124. | Wrong patient population |
| Pires ÍAT, Steffens ST, Mocelin AG, Shibukawa DE, Leahy L, Saito FL, et al. Intensive Olfactory Training in Post-COVID Patients: A Randomized Multicenter Clinical Trial. Scielo Preprints. 2022. Available from: https://doi.org/10.1590/SciELOPreprints.3301. | Wrong publication type |
| Pistarini C, Fiabane E, Houdayer E, Vassallo C, Manera MR, Alemanno F. Cognitive and Emotional Disturbances Due to COVID-19: An Exploratory Study in the Rehabilitation Setting. Front Neurol. 2021;12:8-. Available from https://doi.org/10.3389/fneur.2021.643646 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Podzolkov VI, Bragina AE, Tarzimanova AI, Ogibenina ES, Shvedov II, Bykova EE, Ivannikov AA. Comparative efficacy of ivabradine and beta-blockers in the treatment of tachycardia in patients after COVID-19. Cardiovascular Therapy and Prevention (Russian Federation). 2022;21(7):70-8. Available from: https://doi.org/10.15829/1728-8800-2022-3330. | Wrong publication type |
| Polastri M, Nava S, Clini E, Vitacca M, Gosselink R. COVID-19 and pulmonary rehabilitation: preparing for phase three. The European respiratory journal. 2020;55(6). Available from https://doi.org/10.1183/13993003.01822-2020 | Wrong study design |
| Polastri M. Increasing Knowledge on Post-Acute Rehabilitation in COVID-19. Respiration; international review of thoracic diseases. 2021:1-2. Available from https://doi.org/10.1159/000516783 | Wrong study design |
| Polastri M, Costi S. Observational studies of rehabilitation during the COVID-19 pandemic. International Journal of Therapy & Rehabilitation. 2021;28(5):1-3. Available from https://doi.org/10.12968/ijtr.2021.0068 | Wrong study design |
| Pollini E, Lazzarini SG, Cordani C, Del Furia MJ, Kiekens C, Negrini S, Arienti C. Effectiveness of Rehabilitation Interventions on Adults With COVID-19 and Post-COVID-19 Condition. A Systematic Review With Meta-analysis. Arch Phys Med Rehabil. 2024;105(1):138-49. Available from: https://doi.org/10.1016/j.apmr.2023.08.023. | Wrong patient population |
| Poon AN, Akselrod H, Chang A, Adhatamsoontra P, Dobbs J, Morcos GP, et al. Early experiences with a primary care centered long covid-19 clinic. J. Gen. Intern. Med. 2021;36:S386. Available from https://doi.org/10.1007/s11606-021-06830-5 | Wrong study design |
| Prabawa IMY, Silakarma D, Prabawa IPY, Manuaba IBAP. Physical Rehabilitation Therapy for Long COVID-19 Patient with Respiratory Sequelae: A Systematic Review. Open Access Macedonian Journal of Medical Sciences. 2022;10:468-74. Available from: https://doi.org/10.3889/OAMJMS.2022.9899. | Wrong language |

| Study | Reason for exclusion |
|---|---|
| Prasad A, Elder H, Burke K, Lane N, Ball M, Miller V, et al. A review of outcomes from a novel long-COVID clinic. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA620 | Wrong study design |
| Pretorius E, Venter C, Laubscher G.J, Kotze M.J, Moremi K, Oladejo S, Watson L.R, Rajaratnam K, Watson B.W, Kell D.B. Combined triple treatment of fibrin amyloid microclots and platelet pathology in individuals with Long COVID/ Post-Acute Sequelae of COVID-19 (PASC) can resolve their persistent symptoms. Available from https://doi.org/10.21203/rs.3.rs-1205453/v1 | Wrong study design |
| Priyamvada R, Ranjan R, Chaudhury S. Efficacy of psychological intervention in patients with post-COVID-19 anxiety. Industrial Psychiatry Journal. 2021;30(3):41-4. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8611569/ | Wrong study design |
| Puchner B, Sahanic S, Kirchmair R, Pizzini A, Sonnweber B, Woll E, et al. Beneficial effects of multi-disciplinary rehabilitation in post-acute COVID-19: an observational cohort study. Eur J Phys Rehabil Med. 2021. Available from https://doi.org/10.23736/S1973-9087.21.06549-7 | Wrong study design |
| Puta C, Haunhorst S, Bloch W. Post-acute COVID-19 (“long-COVID”): Prolonged symptoms, possible causes and return to physical fitness (Scoping Review). Sports Orthopaedics and Traumatology 2021. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1433706 | Wrong study design |
| Putrino D, Tabacof L, Tosto-Mancuso J, Wood J, Cortes M, Kontorovich A, et al. Autonomic conditioning therapy reduces fatigue and improves global impression of change in individuals with post-acute COVID-19 syndrome 2021. Available from https://doi.org/10.21203/rs.3.rs-440909/v1 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Qiang X, Ma Y, Chen Z, Wang H. Effectiveness of traditional Chinese medicine for clinical symptoms during the recovery period of COVID-19 infection: a systematic review. Chinese Journal of Evidence-Based Medicine. 2023;23(6):647-53. Available from: https://doi.org/10.7507/1672-2531.202211064. | Wrong language |
| Rabady S, Altenberger J, Brose M, Denk-Linnert DM, Fertl E, Götzinger F, et al. Guideline S1: Long COVID: Diagnostics and treatment strategies. Wien. Klin. Wochenschr. 2021;133:237-78. Available from https://doi.org/10.1007/s00508-021-01974-0 | Wrong study design |
| Raciti L, Calabro RS. Neurological complications of COVID-19: from pathophysiology to rehabilitation. An overview. Acta bio-medica : Atenei Parmensis 2021;92:e2021317. Available from https://doi.org/10.23750/abm.v92i4.10620 | Wrong intervention |
| Rahayu T, Pertiwi KR, Wara K, Novita Intan A. Physical Activity and Post-COVID-19 Syndrome in Older Adults: A Systematic Review. International Journal of Kinesiology & Sports Science. 2023;11(1):42-52. | Wrong study design. |
| Rahmathulla FF, Ramalingam V, Nirmala JG, Vylamary IM. Effects of Stacking Breathing Techniques on Respiratory Efficiency of Post COVID-19 Patients. Indian Journal of Physiotherapy & Occupational Therapy. 2024;18:493-9. Available from: https://doi.org/10.37506/brrffb35. | Wrong study design |
| Rahmati M, Molanouri Shamsi M, Woo W, Koyanagi A, Won Lee S, Keon Yon D, et al. Effects of physical rehabilitation interventions in COVID-19 patients following discharge from hospital: A systematic review. J. 2023;21(2):149-58. Available from: https://doi.org/10.1016/j.joim.2023.01.003. | Wrong patient population |
| Rai DK, Sharma P, Kumar R. Post covid 19 pulmonary fibrosis. Is it reversible? Indian J Tuberc. 2020. Available from https://doi.org/10.1016/j.ijtb.2020.11.003 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Rao D, Nomier Y, Ahmed R, Noureldeen A. Retrospective and prospective monitoring in post COVID-19 complications and an approach for vigilance in Postrecovery period. Journal of Advanced Pharmaceutical Technology and Research. 2021;12(2):209-14. Available from https://doi.org/10.4103/japtr.JAPTR_245_20 | Wrong study design |
| Rashid RA, Zgair A, Al-Ani RM. Effect of nasal corticosteroid in the treatment of anosmia due to COVID-19: A randomised double-blind placebo-controlled study. American Journal of Otolaryngology - Head and Neck Medicine and Surgery. 2021;42(5). Available from https://doi.org/10.1016/j.amjoto.2021.103033 | Wrong population |
| Rathi A, Jadhav SB, Shah N. A Randomized Controlled Trial of the Efficacy of Systemic Enzymes and Probiotics in the Resolution of Post-COVID Fatigue. Medicines (Basel, Switzerland). 2021;8(9). Available from https://doi.org/10.3390/medicines8090047 | Wrong population |
| Rawlinson G, Connell L. Out-patient physiotherapy service delivery post COVID-19: opportunity for a re-set and a new normal? Physiotherapy. 2021;111:1-3. Available from https://doi.org/10.1016/j.physio.2021.02.001 | Wrong study design |
| Razaz JM, Nosrati-Oskouie M, Qomi MH, Elham-Kia M, Behzadi-Moghaddam M, Ahadi Z, et al. Nutritional Support for Rehabilitation of Survived COVID-19 Patients: A Review. International Journal of Nutrition Sciences 2021;6:1-5. Available from https://doi.org/10.30476/IJNS.2021.87600.1085 | Wrong study design |
| Reinert G, Muller D, Wagner P, Martinez-Pozas O, Cuenca-Zaldivar JN, Fernandez-Carnero J, et al. Pulmonary Rehabilitation in SARS-CoV-2: A Systematic Review and Meta-Analysis of Post-Acute Patients. Diagnostics (Basel). 2022;12(12):02. Available from: https://doi.org/10.3390/diagnostics12123032. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Reinhardt D. Teleprogram for COVID-19 rehab: Fit again faster with app support. MMW-Fortschritte der Medizin 2021;163:24-26. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8413701/pdf/15006_2021_Article_312.pdf | Wrong study design |
| Ren M, Liu Y, Ni X, Kuang Z, Luo X, Zhang Y, et al. The role of acupuncture and moxibustion in the treatment, prevention, and rehabilitation of patients with COVID-19: A scoping review. Integrative Medicine Research. 2022;11(4):N.PAG-N.PAG. Available from: https://doi.org/10.1016/j.imr.2022.100886. | Wrong publication type. |
| Ren Y, Wang Y, Liu H, Mou F, Yan X, Tang L, Tan D, Zuo G. The Effects of a Comprehensive Rehabilitation Program Involving Traditional Chinese Medicine in Severe and Critical COVID-19 Patients: a Clinical Study2021 2021. Available from https://doi.org/10.21203/rs.3.rs-541774/v1 | Wrong population |
| Rodrigues M, Costa AJ, Santos R, Diogo P, Goncalves E, Barroso D, et al. Inpatient rehabilitation can improve functional outcomes of post-intensive care unit COVID-19 patients-a prospective study. Disabil. Rehabil. 2022:1-11. Available from https://doi.org/10.1080/09638288.2022.2032408 | Wrong study design |
| Rodriguez-Blanco C, Bernal-Utrera C, Anarte-Lazo E, Gonzalez-Gerez JJ, Saavedra-Hernandez M. A 14-Day Therapeutic Exercise Telerehabilitation Protocol of Physiotherapy Is Effective in Non-Hospitalized Post-COVID-19 Conditions: A Randomized Controlled Trial. J. 2023;12(3):18. Available from: https://doi.org/10.3390/jcm12030776. | Wrong patient population |
| Rodriguez-Blanco C, Bernal-Utrera C, Anarte-Lazo E, Saavedra-Hernandez M, De-La-Barrera-Aranda E, Serrera-Figallo MA, et al. Breathing exercises versus strength exercises through telerehabilitation in coronavirus disease 2019 patients in the acute phase: A randomized controlled trial. Clin Rehabil. 2021:2692155211061221. Available from https://doi.org/10.1177/02692155211061221 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Rolin S, Chakales A, Verduzco-Gutierrez M. Rehabilitation Strategies for Cognitive and Neuropsychiatric Manifestations of COVID-19. Current physical medicine and rehabilitation reports. 2022:1-6. Available from https://doi.org/10.1007/s40141-022-00352-9 | Wrong study design |
| Romanet C, Wormser J, Fels A, Lucas P, Prudat C, Sacco E, et al. Effectiveness of endurance training rehabilitation after hospitalisation in intensive care for COVID-19related acute respiratory distress syndrome on dyspnoea (RECOVER): a randomised controlled, open-label multicentre trial. 2022. | Wrong publication type. |
| Rooney S, Webster A, Paul L. Systematic Review of Changes and Recovery in Physical Function and Fitness After Severe Acute Respiratory Syndrome–Related Coronavirus Infection: Implications for COVID-19 Rehabilitation. Phys. Ther. 2020;100:1717-29. Available from https://doi.org/10.1093/ptj/pzaa129 | Wrong study design |
| Ros Dopico L, Tung-Chen Y, Pilares Barco M, Munoz Garcia A. Monitoring of the rehabilitation therapy of COVID-19 effort dyspnea. Monitorizacion del tratamiento rehabilitador de la disnea de esfuerzo por COVID-19. 2021;39(5):258-9. Available from https://www.elsevier.es/en-revista-enfermedades-infecciosas-microbiologiaclinica-english-428-articulo-monitoring-rehabilitation-therapy-covid-19-effort-S2529993X21000502 | Wrong study design |
| Rossato MS, Brilli E, Ferri N, Giordano G, Tarantino G. Observational study on the benefit of a nutritional supplement, supporting immune function and energy metabolism, on chronic fatigue associated with the SARS-CoV-2 post-infection progress. Clinical nutrition ESPEN 2021;46:510-18. Available from https://doi.org/10.1016/j.clnesp.2021.08.031 | Wrong population |
| Rossi Ferrario S, Panzeri A, Cerutti P, Sacco D. The Psychological Experience and Intervention in Post-Acute COVID-19 Inpatients. Neuropsychiatr Dis Treat. 2021;17:413-22. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7884934/ | Wrong control group |

| Study | Reason for exclusion |
|---|---|
| Rota V, Redolfi A, Monteleone S, Arienti C, Falso M. Can COVID-19 result in cognitive dysfunctions? The need for a multidisciplinary approach in rehabilitation for post-COVID-19 people. Eur J Phys Rehabil Med. 2022;58(1):150-1. Available from https://doi.org/10.23736/S1973-9087.21.07013-1 | Wrong study design |
| Routray P, Samal S, Mishra D. Long term morbidity and mortality in covid patients discharged from hospital with or without steroid as discharge medication. Intensive Care Medicine Experimental. 2021;9 | Wrong study design |
| Rozanski GM, Ren I, Sastre C, Iverson B, Tabacof L, Putrino D, Cortes M. Effectiveness of a web-based cognitive rehabilitation program for individuals with long COVID syndrome. PM and R 2021;13:S195 | Wrong study design |
| Ruggeri P, Nair AS, Esquinas A. Comments on "Post severe COVID-19 infection lung damages study. The experience of early three months multidisciplinary follow-up" by De Michele et al. Monaldi archives for chest disease = Archivio Monaldi per le malattie del torace. 2022. Available from https://doi.org/10.4081/monaldi.2022.2219 | Wrong study design |
| Rumende CM. Pulmonary Fibrosis Caused by Severe COVID-19 Infection: Discharge May Not Be The End of Treatment. Acta Med. Indones. 2021;53:141-42. Available from https://pubmed.ncbi.nlm.nih.gov/34251340/ | Wrong study design |
| Rutkowski S, Bogacz K, Czech O, Rutkowska A, Szczegielniak J. Effectiveness of an Inpatient Virtual Reality-Based Pulmonary Rehabilitation Program among COVID-19 Patients on Symptoms of Anxiety, Depression and Quality of Life: Preliminary Results from a Randomized Controlled Trial. Int J Environ Res Public Health. 2022;19(24):17. Available from: https://doi.org/10.3390/ijerph192416980. | Wrong patient population |
| Rutkowski S, Bogacz K, Rutkowska A, Szczegielniak J, Casaburi R. Inpatient post-COVID-19 rehabilitation program featuring virtual reality-Preliminary results of randomized controlled trial. Front. 2023;11:1121554. Available from: https://doi.org/10.3389/fpubh.2023.1121554. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| ACR, Mendonça VA, et al. Whole-Body Vibration Exercise: A Possible Intervention in the Management of Post COVID-19 Complications? Applied Sciences. 2021;11(12):5733-. Available from https://doi.org/https://doi.org/10.3390/app11125733 | Wrong population |
| Sá-Caputo DC, Coelho-Oliveira AC, Pessanha-Freitas J, Paineiras-Domingos LL, Lacerda Sakai T, Hoshino C, Yamaguchi R, Hirao M, Nakahara R, Okawa A. Remoterehabilitation for patients with COVID-19. Journal of rehabilitation medicine, 2020;52(9):jrm00095. Available from: https://doi.org/10.2340/16501977-2731 | Wrong population |
| Sakai T, Hoshino C, Hirao M, Nakano M, Takashina Y, Okawa A. Rehabilitation of Patients with Post-COVID-19 Syndrome: A Narrative Review. Prog. 2023;8:20230017. Available from: https://doi.org/10.2490/prm.20230017. | Wrong patient population |
| Salvi SS, Ghorpade D, Dhoori S, Dhar R, Dumra H, Chhajed PN, et al. Role of antifibrotic drugs in the management of post-COVID-19 interstitial lung disease: A review of literature and report from an expert working group. Lung India : official organ of Indian Chest Society. 2022;39(2):177-86. Available from https://doi.org/10.4103/lungindia.lungindia_659_21 | Wrong study design |
| Samper-Pardo M, Oliván-Blázquez B, León-Herrera S, Sánchez-Arizcuren R, Casado-Vicente V, Sánchez-Recio R. Effectiveness of ReCOVery APP to improve the quality of life of Long COVID patients: a 6-month follow-up randomized clinical trial. 2023. | Wrong publication type |
| Sánchez-García JC, Reinoso-Cobo A, Piqueras-Sola B, Cortés-Martín J, Menor-Rodríguez MJ, Alabau-Dasi R, Rodríguez-Blanque R. Long COVID and Physical Therapy: A Systematic Review. Dis. 2023;11(4). Available from: https://doi.org/10.3390/diseases11040163. | Wrong publication type |

| Study | Reason for exclusion |
|---|---|
| Sanchez-Garcia JC, Rentero Moreno M, Piqueras-Sola B, Cortes-Martin J, Linan-Gonzalez A, Mellado-Garcia E, Rodriguez-Blanque R. Physical Therapies in the Treatment of Post-COVID Syndrome: A Systematic Review. Biomedicines. 2023;11(8):11. Available from: https://doi.org/10.3390/biomedicines11082253. | Wrong patient population |
| Sansone M, Zaami S, Cetta L, Costanzi F, Signore F. Ovotoxicity of smoking and impact on AMH levels: A pilot study. Eur Rev Med Pharmacol Sci. 2021;25(16):5255-60. Available from https://doi.org/10.26355/eurrev_202108_26545 | Wrong population |
| Santana AV, Fontana AD, Pitta F. Pulmonary rehabilitation after COVID-19. J Bras Pneumol. 2021;47(1):e20210034. Available from https://doi.org/10.36416/1806-3756/e20210034 | Wrong study design |
| Santinelli L, Laghi L, Innocenti GP, Pinacchio C, Vassalini P, Celani L, et al. Oral Bacteriotherapy Reduces the Occurrence of Chronic Fatigue in COVID-19 Patients. Frontiers in nutrition. 2021;8:756177. Available from https://doi.org/10.3389/fnut.2021.756177 | Wrong population |
| Sathyamoorthy M, Verduzco-Gutierrez M, Varanasi S, Ward R, Spertus J, Shah S. Enhanced external counterpulsation for management of symptoms associated with long COVID. American Heart Journal Plus: Cardiology Research and Practice. 2022:100105-. Available from https://doi.org/10.1016/j.ahjo.2022.100105 | Wrong study design |
| Saussez S, Vaira LA, Chiesa-Estomba CM, Le Bon SD, Horoi M, Deiana G, et al. Short-term efficacy and safety of oral and nasal corticosteroids in covid-19 patients with olfactory dysfunction: A European multicenter study. Pathogens. 2021;10(6). Available from https://doi.org/10.3390/pathogens10060698 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Say D, Crawford N, McNab S, Wurzel D, Steer A, Tosif S. Post-acute COVID-19 outcomes in children with mild and asymptomatic disease. The Lancet Child & adolescent health. 2021;5(6):e22-e3. Available from https://doi.org/10.1016/S2352-4642(21)00124-3 | Wrong intervention |
| Scherlinger M, Pijnenburg L, Chatelus E, Sibilia J, Gottenberg JE, Arnaud L, et al. Effet de la vaccination anti-SARS-CoV-2 sur les symptômes prolongés post-Covid : résultat de l'enquête nationale VAXILONG. Revue du Rhumatisme. 2021;88:A215-A6. Available from https://doi.org/10.1016/j.rhum.2021.10.350 | Wrong study design |
| Schmidt KFR, Gensichen J, Gehrke-Beck S, Kosilek RP, Kühne F, Heintze C, et al. Management of COVID-19 ICU-survivors in primary care: - a narrative review. BMC Fam Pract. 2021;22(1):1-8. Available from https://doi.org/10.1186/s12875-021-01464-2 | Wrong study design |
| Schneeberger T, Jarosch I, Koczulla AR. What can pulmonary rehabilitation accomplish? Dtsch Med Wochenschr. 2020;145(24):1782-5. Available from https://doi.org/10.1055/a-1129-3375 | Wrong study design |
| Schneeberger T, Berkel S, Jarosch I, Leitl D, Gloeckl R, Dennis CJ, et al. Effects of an Automatically Titrating Oxygen-Flow System During Walking in Hypoxemic Post-COVID-19 Patients - a Pilot Randomized Controlled Double-Blind Cross Over Trial. American journal of respiratory and critical care medicine. 2022;205(1). Available from: https://doi.org/10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A3710. | Wrong publication type |
| Sedighimehr N, Fathi J, Hadi N, Rezaeian ZS. Rehabilitation, a necessity in hospitalized and discharged people infected with COVID-19: a narrative review. Phys Ther Rev. 2021. Available from https://doi.org/10.1080/10833196.2021.1899472 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Sepúlveda-Loyola W, Gutiérrez-Espinoza H, Órdenes-Mora J, Araya-Quintanilla F. Práctica basada en evidencia en la rehabilitación post COVID-19: Una mirada desde la Fisioterapia. Fisioterapia 2021. Available from https://www.elsevier.es/esrevista-fisioterapia-146-articulo-practica-basada-evidencia-rehabilitacion-postcovid-19-S0211563821001553 | Wrong study design |
| Shah W, Hillman T, Playford ED, Hishmeh L. Managing the long term effects of covid-19: Summary of NICE, SIGN, and RCGP rapid guideline. The BMJ. 2021;372. Available from https://doi.org/10.1136/bmj.n136 | Wrong study design |
| Shakula AV, Miroshnikov AI. Underwater Vacuum Whirlpool in Medical Rehabilitation of Patients with Postcovid Syndrome. Physical & Rehabilitation Medicine, Medical Rehabilitation 2021;3:159-62. Available from https://doi.org/10.36425/rehab63175 | Wrong study design |
| Shan MX, Tran YM, Vu KT, Eapen BC. Postacute inpatient rehabilitation for COVID-19. BMJ Case Rep. 2020;13(8). Available from https://doi.org/10.1136/bcr-2020-237406 | Wrong study design |
| Sharma P, Goswami SK. Pulmonary Tele-Rehabilitation in Patients (Post Covid-19) With Respiratory Complications: A Randomized Controlled Trial. Indian Journal of Physiotherapy & Occupational Therapy. 2022;16(2):182-9. Available from https://doi.org/10.37506/ijpot.v16i2.18051 | Wrong population |
| Shlapak AA, Zakharova AV, Mekhdieva KR, Nenasheva AV. USE OF PILATES TRAINING AND MYOFASCIAL RELEASE IN REHABILITATION AFTER COVID-19. Human Sport Medicine. 2021;21(3):191-6. | Wrong population |
| Sick J, Konig D. Exercise Training in Non-Hospitalized Patients with Post-COVID-19 Syndrome-A Narrative Review. Healthcare (Basel). 2023;11(16):12. Available from: https://doi.org/10.3390/healthcare11162277. | Wrong study design |
| Silantyeva ES. The Application of High Intensity and Low Intensity Magnetotherapy in Rehabilitation of Patients with COVID-19: A Randomized Controlled Pilot Study. Physical & Rehabilitation Medicine, Medical Rehabilitation. 2020;2(4):322-8. Available from https://doi.org/10.36425/rehab50236 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Silvia O-M, Cristina D-A, Alfonso D-Á, María D-C, Constanza C, Lucía F-R, et al. Transcranial Direct Current Stimulation (tDCS) for Post-COVID Fatigue: A Randomized, Double-Blind, Controlled Pilot Study. SSRN. 2022. Available from: https://doi.org/10.2139/ssrn.4216601. | Wrong publication type |
| Simon MA, Luginbuhl RD, Parker R. Reduced incidence of long-COVID symptoms related to administration of COVID-19 vaccines both before COVID-19 diagnosis and up to 12 weeks after. M.A. Simon, Arcadia.io, Burlington, MA, United States; 2021. Available from https://doi.org/10.1101/2021.11.17.21263608 | Wrong study design |
| Singhania SVK, Simon C, Raut A, Parvatkar N. Pulmonary sequelae of moderate-to- Wrong severe COVID pneumonia, a 3-month follow-up study. Lung India : official organ of Indian Chest Society 2021;38:397-99. Available from https://doi.org/10.4103/lungindia.lungindia_58_21 | Wrong population |
| Sivan M, Taylor S. NICE guideline on long covid: Research must be done urgently to fill the many gaps in this new “living guideline”. The BMJ. 2020;371. Available from https://doi.org/10.1136/bmj.m4938 | Wrong study design |
| Sizyakina LP, Zakurskaya VY, Guryanova SV. Glucosaminylmuramyl dipeptide efficacy in post-COVID-19 patient rehabilitation treatment. Infectious Diseases: News, Opinions, Training. 2023(1):17-25. Available from: https://doi.org/10.33029/2305-3496-2023-12-1-17-25. | Wrong language |
| Soltani R, Nasirharandi S, Khorvash F, Nasirian M, Dolatshahi K, Hakamifard A. The effectiveness of gabapentin and gabapentin/montelukast combination compared with dextromethorphan in the improvement of COVID-19- related cough: A randomized, controlled clinical trial. Clin Respir J. 2022;16(9):604-10. Available from: https://doi.org/10.1111/crj.13529. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Sophie B, Alan KO, Jemina F, Florian L, Sylvain C, Aline S, et al. Virtual reality intervention alleviates dyspnea in patients recovering from COVID pneumonia. A. Dan, Division of Lung Diseases, University Hospital, Geneva Medical School, University of Geneva, Switzerland B. Olaf, Laboratory of Cognitive Neuroscience, Brain Mind Institute, Center for Neuroprosthetics, Faculty of Life Sciences, Ecole Polytechnique Federale de Lausanne, (EPFL), Geneva, Switzerland 2021. Available from https://doi.org/10.1101/2021.10.26.21265510 | Wrong population |
| Soril LJJ, Damant RW, Lam GY, Smith MP, Weatherald J, Bourbeau J, et al. The effectiveness of pulmonary rehabilitation for Post-COVID symptoms: A rapid review of the literature. Respir Med. 2022;195:106782. Available from https://doi.org/10.1016/j.rmed.2022.106782 | Wrong study design |
| Srinivasan V, Kandakurti PK, Alagesan J, Suganthirababu P, Kishore Jebasingh T, Jenifer Augustina S, et al. Efficacy of pursed lip breathing with bhastrika pranayama vs incentive spirometry in rehabilitating post Covid 19 follow up-a randomized control study. Turkish Journal of Physiotherapy and Rehabilitation. 2021;32(3):402-7. Available from https://pesquisa.bvsalud.org/global-literature-on-novelcoronavirus-2019-ncov/resource/pt/covidwho-1250736 | Wrong population |
| Srinivasan V, Kandakurti PK, Alagesan J, Suganthirababu P, Jenifer Augustina S, Anitha A, Kishore Jebasingh T. Efficacy of pursed lip breathing with bhastrika pranayama vs incentive spirometry in rehabilitating post Covid 19 follow up-a randomized control study. Turkish Journal of Physiotherapy and Rehabilitation. 2021;32(3):402-7. | Wrong study design |
| Stainer A, Faverio P, Busnelli S, Luppi F, Monzani A, Ammatuna F, et al. Pulmonary sequelae in patients with COVID-19: results after 3 months of follow-up. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.PA2535 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Steffens ST, de Almeida Toledo Pires I, Leahy L, Lopes NMD, Jebahi Y, Coifman H, et al. Post-COVID-19 olfactory training: how to improve results? Brazilian journal of otorhinolaryngology. 2022;88:7. Available from: https://doi.org/10.1016/j.bjorl.2022.10.013. | Wrong publication type |
| Steinberg C, Patel N, Patel R, Jaywant A, Gellhorn A. The Covid Recovery Unit (CRU): An Interdisciplinary Model for Rehabilitation on Acute Care. Arch Phys Med Rehabil. 2021;102(4):e17-e. Available from https://doi.org/10.1016/j.apmr.2021.01.052 | Wrong study design |
| Steurer J. Intranasal steroids seem to have no positive effect for COVID-19 patients with anosmia or hyposmia. Praxis. 2021;110(7):415-6.). | Wrong outcome |
| Stokel-Walker C. On the road to Recovery - The world's biggest covid-19 treatment trial. The BMJ 2021;373. Available from https://doi.org/10.1136/bmj.n1299 | Wrong study design |
| Surendra VU, Mohapatra AK, Roy FA, Sanjai N. A review of pulmonary rehabilitation in patients with covid-19. Critical Reviews in Physical and Rehabilitation Medicine. 2020;32(4):269-83. Available from https://doi.org/10.1615/CritRevPhysRehabilMed.2020036542 | Wrong study design |
| Szczegielniak J, Bogacz K, Majorczyk E, Szczegielniak A, Luniewski J. Post-COVID-19 rehabilitation - a Polish pilot program. Med Pr. 2021. Available from https://doi.org/10.13075/mp.5893.01122 | Wrong study design |
| Tamburlani M, Cuscito R, Servadio A, Galeoto G. Effectiveness of Respiratory Rehabilitation in COVID-19's Post-Acute Phase: A Systematic Review. Healthcare (Basel). 2023;11(8):08. Available from: https://doi.org/10.3390/healthcare11081071. | Wrong patient population |
| Tang Y, Jiang J, Shen P, Li M, You H, Liu C, et al. Liuzijue is a promising exercise option for rehabilitating discharged COVID-19 patients. Medicine. 2021;100(6):e24564. Available from https://doi.org/10.1097/MD.0000000000024564 | Wrong control group |

| Study | Reason for exclusion |
|---|---|
| Tay SS, Neo E, Jr., Tan MM, Tan PL. Post-Critical Care COVID-19 Patient Benefits from a Robotic Patient-Guided Suspension System for Pulmonary Rehabilitation. Ann Acad Med Singapore. 2020;49(6):401-4. Available from https://pubmed.ncbi.nlm.nih.gov/32712640/ | Wrong study design |
| Teitelbaum JGS. An Open-Label, Pilot Trial of HRG80™Red Ginseng in Chronic Fatigue Syndrome, Fibromyalgia, and Post-Viral Fatigue. Pharmaceuticals 2022;15:43-43. Available from https://doi.org/10.3390/ph15010043 | Wrong population |
| Tejerina F, Catalan P, Rodriguez-Grande C, Adan J, Rodriguez-Gonzalez C, Munoz P, et al. Post-COVID-19 syndrome. SARS-CoV-2 RNA detection in plasma, stool, and urine in patients with persistent symptoms after COVID-19. BMC Infect Dis. 2022;22(1):211. 2022. Available from https://doi.org/10.1186/s12879-022-07153-4 | Wrong population |
| Thompson J, Nnate D, Mussad M, Carroll S, Buck P, Strain W, et al. A Systematic Review of the Impact of Vaccination on Long COVID. Value Health. 2022;25(12):S220-S. Available from: https://doi.org/10.1016/j.jval.2022.09.1076. | Wrong publication type |
| Toledo C, Vera A, Leija L, Gutierrez J. The Importance of Rehabilitation for COVID-19 Sequelae. Instituto National de Rehabilitación 'Luis Guillermo Ibarra Ibarra, CDMX, Mexico CINVESTAV-IPN, CDMX, Mexico, Mexico: IEEE Computer Society; 2021 2021. Available from https://doi.org/10.1109/GMEPE/PAHCE50215.2021.9434868 | Wrong study design |
| Tomoko S, Chisato H, Reiko Y, Masanobu H, Rui N, Atsushi O. REMOTE REHABILITATION FOR PATIENTS WITH COVID-19. Journal of Rehabilitation Medicine (Stiftelsen Rehabiliteringsinformation) 2020;52:1-8. Available from https://doi.org/10.2340/16501977-2731 | Wrong population |
| Tornero C, Pastor E, Garzando MDM, Orduna J, Forner MJ, Bocigas I, et al. Noninvasive Vagus Nerve Stimulation for COVID-19: Results From a Randomized Controlled Trial (SAVIOR I). Front Neurol. 2022;13:820864. Available from https://doi.org/10.3389/fneur.2022.820864 | Wrong population |

| Study | Reason for exclusion |
|---|---|
| Torres G, Gradidge PJ. The quality and pattern of rehabilitation interventions prescribed for post-COVID-19 infection patients: A systematic review and meta-analysis. Prev Med Rep. 2023;35:102395. Available from: https://doi.org/10.1016/j.pmedr.2023.102395. | Wrong study design |
| Townsend L, Dyer AH, Jones K, Dunne J, Mooney A, Gaffney F, et al. Persistent fatigue following SARS-CoV-2 infection is common and independent of severity of initial infection. PLoS One. 2020;15(11):e0240784. Available from https://doi.org/10.1371/journal.pone.0240784 | Wrong intervention |
| Tragoonrungsea J, Tangbumrungtham N, Nitivanichsakul T, Roongpuvapaht B, Tanjararak K. Corticosteroid nasal irrigation as early treatment of olfactory dysfunction in COVID-19: A prospective randomised controlled trial. Clin Otolaryngol. 2023;48(2):182-90. Available from: https://doi.org/10.1111/coa.14004. | Wrong patient population |
| Tran VT, Perrodeau E, Saldanha J, Pane I, Ravaud P. Efficacy of COVID-19 Vaccination on the Symptoms of Patients With Long COVID: A Target Trial Emulation Using Data From the ComPaRe e-Cohort in France (preprint); 2021. Available from https://doi.org/10.2139/ssrn.3932953 | Wrong study design |
| Trzmiel T, Marchewka R, Pieczynska A, Zasadzka E, Zubrycki I, Kozak D, et al. The Effect of Using a Rehabilitation Robot for Patients with Post-Coronavirus Disease (COVID-19) Fatigue Syndrome. Sensors (Basel). 2023;23(19):27. Available from: https://doi.org/10.3390/s23198120. | Wrong patient population |

| Study | Reason for exclusion |
|---|---|
| Tsyganova TN, Balakireva OVK, Kienlein KL, Kapustin AV, Shushardzhan SV. Rationale of the normobaric interval hypoxic training method and the «detensor» method for long-term traction of the spinal column combined application in the complex of rehabilitation measures for post-COVID-19 syndrome. Vestnik Vosstanovitel'noj Mediciny 2021;20:11-15. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1598814 | Wrong study design |
| Turktas H, Oguzulgen IK. Post-COVID-19 pulmonary sequla: longterm follow up and management. COVID-19 sonrasi akciger sekelleri: uzun donem takip ve tedavi. 2020;68(4):419-29. Available from http://www.tuberktoraks.org/managete/fu_folder/2020-04/419-429%20Haluk%20Turktas.pdf | Wrong study design |
| Turovinina EF, Nemkov AG, Barsukova LL, Andreeva OV, Kutergina TI, Elfimova IV. Remote Rehabilitation System for Patients after COVID-19 in Tyumen Region: a Prospective Comparative Randomized Study of 100 Patients. Vestnik Vosstanovitel'noj Mediciny. 2022;21(5):27-33. Available from: https://doi.org/10.38025/2078-1962-2022-21-5-27-33. | Wrong study design |
| Udina C, Ars J, Morandi A, Vilaro J, Caceres C, Inzitari M. Rehabilitation in adult post-COVID-19 patients in post-acute care with Therapeutic Exercise. The Journal of frailty & aging. 2021;10(3):297-300. Available from https://doi.org/10.14283/jfa.2021.1 | Wrong study design |
| Utrero-Rico A, Ruiz-Ruigomez M, Laguna-Goya R, Arrieta-Ortubay E, Chivite-Lacaba M, Gonzalez-Cuadrado C, et al. A Short Corticosteroid Course Reduces Symptoms and Immunological Alterations Underlying Long-COVID. Biomedicines. 2021;9(11). Available from https://doi.org/10.3390/biomedicines9111540 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Vaira, LA, Hopkins, C, Petrocelli, M, Lechien, JR, Cutrupi, S, Salzano, G, et al. Efficacy of corticosteroid therapy in the treatment of long-lasting olfactory disorders in COVID-19 patients. Rhinology. 2021;59(1):21-25. Available from https://doi.org/10.4193/Rhin20.515 | Wrong population |
| Valverde-Martinez MA, Lopez-Liria R, Martinez-Cal J, Benzo-Iglesias MJ, Torres-Alamo L, Rocamora-Perez P. Telerehabilitation, A Viable Option in Patients with Persistent Post-COVID Syndrome: A Systematic Review. Healthcare (Basel). 2023;11(2):07. Available from: https://doi.org/10.3390/healthcare11020187. | Wrong study design |
| Van Herck M, Goertz Y, Houben-Wilke S, Machado F, Meys R, Delbressine J, et al. Severe fatigue in long COVID - a follow-up study. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.OA1186 | Wrong study design |
| Van Herck M, Goertz YMJ, Houben-Wilke S, Machado FVC, Meys R, Delbressine JM, et al. Severe Fatigue in Long COVID: Web-Based Quantitative Follow-up Study in Members of Online Long COVID Support Groups. J Med Internet Res. 2021;23(9):e30274. Available from https//doi.org/ 10.2196/30274 | Wrong intervention |
| Vandersteen C, Payne M, Dumas LÉ, Cancian É, Plonka A, D'Andrea G, et al. OLFACTORY TRAINING EFFICIENCY IN POST-COVID-19 PERSISTENT OLFACTORY DISORDERS. C. Vandersteen, ENT surgery departement of Institut Universitaire de la Face et du Cou (IUFC), de Valombrose Centre Hospitalier Universitaire (CHU) Université Côte, 31 Avenue, D'Azur (UCA), France2022. Available from https://doi.org/10.1101/2022.02.27.2227157 2 | Wrong study design |
| Venkatesan P. NICE guideline on long COVID. The Lancet Respiratory medicine. 2021;9(2):129. Available from https://doi.org/10.1016/S2213-2600(21)00031-X | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Venturini E, Virgillitto A, Briscese L, Cavicchioli P, Bavera M, Mussini F, et al. Short and medium-term impact of a cardiac rehabilitation (CR) program in COVID-19 patients after acute care hospitalization. Eur Heart J. 2021;42:2678. Available from https://doi.org/10.1093/eurheartj/ehab724.2678 | Wrong study design |
| Veronese N, Bonica R, Cotugno S, Tulone O, Camporeale M, Smith L, et al. Interventions for Improving Long COVID-19 Symptomatology: A Systematic Review. Viruses. 2022;14(9):24. Available from: https://doi.org/10.3390/v14091863. | Wrong study design |
| Vestito L, Mori L, Trompetto C, Bagnasco D, Canevari RF, Ponzano M, et al. Impact of tDCS on persistent COVID-19 olfactory dysfunction: a double-blind shamcontrolled study. Journal of neurology, neurosurgery, and psychiatry. 2022. Available from https://doi.org/10.1136/jnnp-2022-329162 | Wrong study design |
| Vetrici MA, Mokmeli S, Bohm AR, Monici M, Sigman SA. Evaluation of Adjunctive Photobiomodulation (PBMT) for COVID-19 Pneumonia via Clinical Status and Pulmonary Severity Indices in a Preliminary Trial. Journal of inflammation research. 2021;14:965-79. Available from https://pubmed.ncbi.nlm.nih.gov/33776469/ | Wrong population |
| Vickory F, Ridgeway K, Falvey J, Houwer B, Gunlikson J, Payne K, et al. Safety, Feasibility, and Outcomes of Frequent, Long-Duration Rehabilitation in an Inpatient Rehabilitation Facility After Prolonged Hospitalization for Severe COVID-19: An Observational Study. Phys Ther. 2021;101(11). Available from https://doi.org/10.1093/ptj/pzab208 | Wrong study design |
| Vieira AGdS, Pinto ACPN, Garcia BMSP, Eid RAC, Mol CG, Nawa RK. Telerehabilitation improves physical function and reduces dyspnoea in people with COVID-19 and post-COVID-19 conditions: a systematic review. J Physiother. 2022. Available from https://doi.org/10.1016/j.jphys.2022.03.011 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Vieira AGDS, Pinto ACPN, Garcia BMSP, Eid RAC, Mól CG, Nawa RK. Telerehabilitation improves physical function and reduces dyspnoea in people with COVID-19 and post-COVID-19 conditions: a systematic review. J Physiother. 2022;68(2):90-8. Available from: https://doi.org/10.1016/j.jphys.2022.03.011. | Wrong patient population |
| Villani G. Effectiveness of rehabilitation in post-COVID compared with postcardiosurgery patients. A single center experience. European Heart Journal, Supplement. 2021;23:C109. Available from https://doi.org/10.1093/eurjpc/zwab061.385 | Wrong study design |
| Vink M, Vink-Niese A. Could Cognitive Behavioural Therapy Be an Effective Treatment for Long COVID and Post COVID-19 Fatigue Syndrome? Lessons from the Qure Study for Q-Fever Fatigue Syndrome. Healthcare (Basel, Switzerland). 2020;8(4). Available from https://doi.org/10.3390/healthcare8040552 | Wrong population |
| Vishnupriya M, Naveenkumar M, Manjima K, Sooryasree NV, Saranya T, Ramya S, et al. Post-COVID pulmonary fibrosis: Therapeutic efficacy using with mesenchymal stem cells – How the lung heals. Eur. Rev. Med. Pharmacol. Sci. 2021;25:2748-51. Available from https://doi.org/10.26355/eurrev_202103_25438 | Wrong study design |
| Vollbracht C, Kraft K. Feasibility of Vitamin C in the Treatment of Post Viral Fatigue with Focus on Long COVID, Based on a Systematic Review of IV Vitamin C on Fatigue. Nutrients. 2021;13(4). Available from https://doi.org/10.3390/nu13041154 | Wrong population |
| Wade DT. Rehabilitation after COVID-19: an evidence-based approach. Clin Med. 2020;20(4):359-65. Available from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7385804/ | Wrong study design |
| Wan XY, Meng XZ, Li JC, Gong XL, Liang YQ, Gao SK, et al. Clinical effect of Guanggu Jisheng decoction in treatment of recovery stage coronavirus disease 2019. Academic Journal of Second Military Medical University. 2020;41(7):813-7. Available from https://doi.org/10.16781/j.0258-879x.2020.08.0813 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Wang J, Zhu K, Xue Y, Wen G, Tao L. Research Progress in the Treatment of Complications and Sequelae of COVID-19. Frontiers in medicine 2021;8:757605. Available from https://doi.org/10.3389/fmed.2021.757605 | Wrong study design |
| Wang TJ, Chau B, Lui M, Lam GT, Lin N, Humbert S. Physical Medicine and Rehabilitation and Pulmonary Rehabilitation for COVID-19. Am J Phys Med Rehabil. 2020;99(9):769-74. Available from https://doi.org/10.1097/PHM.0000000000001505 | Wrong study design |
| Wasilewski MB, Cimino SR, Kokorelias KM, Simpson R, Hitzig SL, Robinson L. Providing Rehabilitation to Patients Recovering from COVID-19: A Scoping Review. PM & R : the journal of injury, function, and rehabilitation. 2021. Available from https://doi.org/10.1002/pmrj.12669 | Wrong outcome |
| Webster KE, O'Byrne L, MacKeith S, Philpott C, Hopkins C, Burton MJ. Interventions for the prevention of persistent post-COVID-19 olfactory dysfunction. Cochrane Database Syst Rev. 2022;9:CD013877. Available from: https://doi.org/10.1002/14651858.CD013877.pub3. | Wrong patient population |
| Welzel T, Atkinson A, Schoebi N, Andre MC, Bailey DGN, Blanchard-Rohner G, et al. Methylprednisolone Versus Intravenous Immunoglobulins in Children with Paediatric Inflammatory Multisystem Syndrome Temporally Associated with SARS-CoV-2: a Randomised Multicentre Trial. 2023;153:15S. | Wrong patient population |
| Widjanantie SC, Syam AF, Nusdwinuringtyas N, Susanto AD, Hidayat R, Kekalih A, et al. Effects of Modified Diaphragmatic Training on Gastroesophageal Reflux Disease Questionnaire Score, Diaphragmatic Excursion, and Maximum Inspiratory Pressure in Adults with Gastroesophageal Reflux Disease After COVID-19: A Single-Blinded Randomized Control. Acta med. 2023;55(3):269-76. | Wrong patient population |
| Wilson C. Vaccines may help clear up long-term covid-19 symptoms. New Scientist. 2021;249(3325):9-. Available from https://doi.org/10.1016/S0262-4079(21)00396-1 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Winn PZ, Hlaing T, Tun KM, Lei SL. Effect of any form of steroids in comparison with that of other medications on the duration of olfactory dysfunction in patients with COVID-19: A systematic review of randomized trials and quasi-experimental studies. PLoS ONE. 2023;18(8 August). Available from: https://doi.org/10.1371/journal.pone.0288285. | Wrong patient population |
| Winship P, Vicary C, Steere N, Lunt D, Musk M, Hill K, et al. Six-minute walk distance of pulmonary rehabilitation participants during COVID-19 restrictions. Respirology. 2021;26:91. Available from https://doi.org/10.1111/resp.14021 | Wrong study design |
| Wodschow HZ, Davidovski FS, Christensen J, Lassen MCH, Skaarup KG, Nygaard H, et al. Oral ketone esters acutely improve myocardial contractility in post-hospitalized COVID-19 patients: A randomized placebo-controlled double-blind crossover study. Front. 2023;10:1131192. Available from: https://doi.org/10.3389/fnut.2023.1131192. | Wrong patient population |
| Wolf S, Erdos J. Long COVID care pathways: a systematic review. 2021. Available from https://eprints.aihta.at/1342/ | Wrong study design |
| Workman C, Boles-Ponto L, Kamholz J, Bryant A, Rudroff T. Transcranial Direct Current Stimulation and Post-COVID-19-Fatigue. Brain Stimul. 2021;14(6):1672-3. Available from https://doi.org/10.1016/j.brs.2021.10.268 | Wrong study design |
| World Health Organization. Regional Office for E. [ Support for Rehabilitation Self-Management after COVID-19- Related Illness] 2021 | Wrong study design |
| Xavier R, Godoy C, Silva EGE, Iamonti V, Pompeu JE, Toufen C, et al. PULMONARY REHABILITATION IN INDIVIDUALS POS-ACUTE COVID-19 INFECTION: PRELIMINARY RESULTS. Eur Respir J. 2021;58:2-. Available from https://doi.org/10.1183/13993003.congress-2021.OA1188 | Wrong study design |
| Xianyu Y, Wang M, Yue F, Xu X, Yang H, Zhao D, et al. One year follow-up of 18 women who infected COVID-19 while pregnant. J Med Virol. 2022. Available from https://doi.org/10.1002/jmv.27628 | Wrong intervention |

| Study | Reason for exclusion |
|---|---|
| Xuedong AN, Lina M, Ping X, Wen SU, Beibei W, Leiya K, et al. Effects of Shengmai Yin on pulmonary and cardiac function in coronavirus disease 2019 convalescent patients with cardiopulmonary symptoms: a randomized, double blind, multicenter control trial. J Tradit Chin Med. 2023;43(1):140-5. Available from: https://doi.org/10.19852/j.cnki.jtcm.20221006.001. | Wrong patient population |
| Xuedong AN, Qing Z, Junxiu T, Li LI, Yun C, Kejian LI, et al. Shugan Jieyu capsule improve sleep and emotional disorder in coronavirus disease 2019 convalescence patients: a randomized, double-blind, placebo-controlled trial. J Tradit Chin Med. 2022;42(5):803-9. Available from: https://doi.org/10.19852/j.cnki.jtcm.20220719.003. | Wrong patient population |
| Yang C-P, Chang C-M, Yang C-C, Pariante CM, Su K-P. Long COVID and Long Chain Fatty Acids (LCFAs): Psychoneuroimmunity implication of omega-3 LCFAs in delayed consequences of COVID-19. Brain Behav Immun. 2022. Available from https://doi.org/10.1016/j.bbi.2022.04.001 | Wrong study design |
| Yang J, Lim KH, Lim KT, Woods JT, Mohabbat AB, Wahner-Roedler DL, et al. Complementary and alternative medicine for long COVID: a systematic review of randomized controlled trials. Therapeutic Advances in Chronic Disease. 2023;14. Available from: https://doi.org/10.1177/20406223231204727. | Wrong patient population |
| Yavuz V, Ozyurtlu F, Cetin N. Comparison of hydroxychloroquine plus moxifloxacin versus hydroxychloroquine alone on corrected QT interval prolongation in COVID-19 patients. Cor Vasa 2021;65:564-71. Available from https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/pt/covidwho-1579218 | Wrong population |
| Yelin D, Margalit I. Challenges and Management of Long COVID in Individuals with Hematological Illnesses. Acta Haematol. 2022. Available from https://doi.org/10.1159/000522437 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Yelin D, Moschopoulos CD, Margalit I, Gkrania-Klotsas E, Landi F, Stahl J-P, et al. ESCMID rapid guidelines for assessment and management of long COVID. Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases. 2022. Available from https://doi.org/10.1016/j.cmi.2022.02.018 | Wrong study design |
| Yong SJ, Liu S. Proposed subtypes of post-COVID-19 syndrome (or long-COVID) and their respective potential therapies. Rev. Med. Virol. 2021:e2315. Available from https://doi.org/10.1002/rmv.2315 | Wrong study design |
| Young TP, Erickson JS, Hattan SL, Guzy S, Hershkowitz F, Steward MD. A Single-Blind, Randomized, Placebo Controlled Study to Evaluate the Benefits and Safety of Endourage Targeted Wellness Formula C Sublingual +Drops in People with Post-Acute Coronavirus Disease 2019 Syndrome. Cannabis Cannabinoid Res. 2022;14:14. Available from: https://doi.org/10.1089/can.2022.0135. | Wrong patient population |
| Yuehong Z, Dandan D, Youqin Y, Hao Z, Guangli W, Wei Z, et al. Effectiveness and safety of Jinshuibao capsules in treatment of residual cardiopulmonary symptoms in convalescent patients of coronavirus disease 2019: a pilot randomized, double-blind, placebo-controlled clinical trial. J Tradit Chin Med. 2023;43(1):134-9. Available from: https://doi.org/10.19852/j.cnki.jtcm.2023.01.012. | Wrong patient population |
| Yuksel A, Karadogan D, Hursoy N, Telatar G, Kose N, Marim F, et al. Methylprednisolone in the treatment of post-COVID-19 Interstitial Lung Disease (STERCOV-ILD). European respiratory journal. 2022;60. Available from: https://doi.org/10.1183/13993003.congress-2022.3404. | Wrong publication type |
| Yunliang T, Jian J, Peng S, Moyi L, Huangjun Y, Chongchong L, et al. Liuzijue is a promising exercise option for rehabilitating discharged COVID-19 patients. Medicine. 2021;100(6):1-6. Available from https://doi.org/10.1097/MD.0000000000024564 | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Zampogna E, Paneroni M, Belli S, Aliani M, Gandolfo A, Visca D, et al. Pulmonary Rehabilitation in Patients Recovering from COVID-19. Respiration; international review of thoracic diseases. 2021:1-7. Available from https://doi.org/10.1159/000514387 | Wrong study design |
| Zana S, Vecchiato C, Dussin M, Ranieri M, Veronese N. Multicomponent Rehabilitation After COVID-19 for Nursing Home Residents. J Am Med Dir Assoc.2021. Available from https://doi.org/10.1016/j.jamda.2021.05.001 | Wrong study design |
| Zasadzka E, Tobis S, Trzmiel T, Marchewka R, Kozak D, Roksela A, et al. Application of an EMG-Rehabilitation Robot in Patients with Post-Coronavirus Fatigue Syndrome (COVID-19)-A Feasibility Study. Int J Environ Res Public Health. 2022;19(16):20. Available from: https://doi.org/10.3390/ijerph191610398. | Wrong patient population |
| Zhen Y. Effect of Aerobics on Rehabilitation Training of New Coronavirus Pneumonia Patients. Basic Clin Pharmacol Toxicol. 2020;127:272-. Available from https://onlinelibrary.wiley.com/doi/epdf/10.1111/bcpt.13461 | Wrong study design |
| Zheng Y, Zhang X. Effect of Music on Novel Coronavirus Pneumonia Patients' Rehabilitation Training after Recovery. Basic Clin Pharmacol Toxicol. 2020;127:267-8. | Wrong study design |
| Zheng B, Daines L, Han Q, Hurst JR, Pfeffer P, Shankar-Hari M, et al. Prevalence, risk factors and treatments for post-COVID-19 breathlessness: a systematic review and meta-analysis. Eur. 2022;31(166):31. Available from: https://doi.org/10.1183/16000617.0071-2022. | Wrong study design |
| Zheng C, Chen XK, Sit CH, Liang X, Li MH, Ma AC, Wong SH. Effect of Physical Exercise-Based Rehabilitation on Long COVID: A Systematic Review and Meta-analysis. Med Sci Sports Exerc. 2024;56(1):143-54. Available from: https://doi.org/10.1249/MSS.0000000000003280. | Wrong study design |

| Study | Reason for exclusion |
|---|---|
| Zhu P, Wang Z, Guo X, Feng Z, Chen C, Zheng A, et al. Pulmonary Rehabilitation Accelerates the Recovery of Pulmonary Function in Patients With COVID-19. Frontiers in cardiovascular medicine. 2021;8:691609. Available from https://doi.org/10.3389/fcvm.2021.691609 | Wrong population |
| Zolotovskaia IA, Shatskaia PR, Davydkin IL, Shavlovskaya OA. Postcovid-19 Asthenic Syndrome. Neurosci Behav Physiol. 2022:1-5. Available from https://doi.org/10.1007/s11055-022-01222-6 | Wrong population |