



Bilaga till rapport

1 (5)

Insatser vid postcovid och andra närliggande tillstånd och syndrom – en kartläggning
Treatment and rehabilitation interventions
for post-COVID and other related conditions and syndromes –a systematic mapping
of studies
Rapport 379 (2024)

Bilaga 6 Lista över nytillkomna studier för postcovidpopulationen

Ahmad AM, Mohamed Awad Allah SA, Abd Elhaseeb GA, Elsharawy DE, Ahmed HS, Mohamed Abdelwahab MA. Effects of conventional versus virtual reality-simulated treadmill exercise on fatigue, cognitive function, and participant satisfaction in post-COVID-19 subjects. A randomized trial. *J. 2024;22(4):316-21*. Available from: <https://doi.org/10.1016/j.jesf.2024.04.003>.

Amorim NTS, Cavalcanti FCB, Moura ECSCD, Sobral Filho D, Leitão CCDS, Almeida MMD, et al. Does whole-body vibration improve risk of falls, balance, and heart rate variability in post-COVID-19 patients? A randomized clinical trial. *Journal of Bodywork and Movement Therapies. 2024;39:518-24*. Available from: <https://doi.org/10.1016/j.jbmt.2024.03.013>.

Andrews JS, Boonyaratankornkit JB, Krusinska E, Allen S, Posada JA. Assessment of the Impact of RNase in Patients With Severe Fatigue Related to Post-Acute Sequelae of SARS-CoV-2 Infection (PASC): A Randomized Phase 2 Trial of RSLV-132. *Clin Infect Dis. 2024;10:10*. Available from: <https://doi.org/10.1093/cid/ciae205>.

Bjorklund G, Drapak I, Zimenkovsky B, Shanaida M, Kobylinska L, Denefil O, et al. The Role of Vitamins, Magnesium, and Trace Elements in COVID-19 Treatment and Post-COVID-19 Rehabilitation: An Updated Overview. *Curr Med Chem. 2024;20:20*. Available from: <https://doi.org/10.2174/0109298673301578240515095227>.

Cantone E, D'Ascanio L, De Luca P, Roccamatysi D, La La Mantia I, Brenner MJ, et al. Persistent COVID-19 parosmia and olfactory loss post olfactory training: randomized clinical trial comparing central and peripheral-acting therapeutics. *Eur Arch Otorhinolaryngol. 2024;16:16*. Available from: <https://doi.org/10.1007/s00405-024-08548-6>.

Carpallo-Porcar B, Calvo S, Alamillo-Salas J, Herrero P, Gomez-Barrera M, Jimenez-Sanchez C. An opportunity for management of fatigue, physical condition, and quality of life through asynchronous telerehabilitation in post-acute COVID-19 patients: a randomized controlled pilot study. *Arch Phys Med Rehabil. 2024;04:04*. Available from: <https://doi.org/10.1016/j.apmr.2024.04.014>.

Chen XY, Lu CL, Wang QY, Pan XR, Zhang YY, Wang JL, et al. Traditional, complementary and integrative medicine for fatigue post COVID-19 infection: A systematic review of randomized controlled trials. *Integr Med Res. 2024;13(2):101039*. Available from: <https://doi.org/10.1016/j.imr.2024.101039>.

Deldar K, Khodabandelo F, Kargar N, Basiri R, Froutan R, Mazlom SR. Effect of Respiratory Telerehabilitation on Pulmonary Function Parameters and Quality of Life in Patients with COVID-19: A Randomized Controlled Trial. *Journal of Nursing & Midwifery Sciences. 2024;11(1):1-16*. Available from: <https://doi.org/10.5812/jnms-144234>.

Duffy A, Naimi B, Garvey E, Hunter S, Kumar A, Kahn C, et al. Topical platelet-rich plasma as a possible treatment for olfactory dysfunction-A randomized controlled trial. *Int Forum Allergy Rhinol. 2024;09:09*. Available from: <https://doi.org/10.1002/alr.23363>.

Elyazed TIA, Alsharawy LA, Salem SE, Helmy NA, El-Hakim A. Effect of home-based pulmonary rehabilitation on exercise capacity in post COVID-19 patients: a randomized controlled trail. *J Neuroengineering Rehabil. 2024;21(1):40*. Available from: <https://doi.org/10.1186/s12984-024-01340-x>.

Felisbino J, da Fonseca Viegas SM, Machado WCA, Girondi JBR, Vieira CMAM, Tholl AD. Rehabilitation in the day-to-day of people with post-covid-19 neurological sequelae: scoping

review. *Enferm Global*. 2024;23(1):577-92. Available from: <https://doi.org/10.6018/eglobal.571721>.

Gaudreau-Majseau F, Gagnon C, Djedaa SC, Berube B, Malo J, Iglesias-Grau J, et al. Cardiopulmonary rehabilitation's influence on cognitive functions, psychological state, and sleep quality in long COVID-19 patients: A randomized controlled trial. *Neuropsychol*. 2024;1-17. Available from: <https://doi.org/10.1080/09602011.2024.2338613>.

Gomes Dos Santos EG, Vieira da Costa K, Cordeiro de Souza IT, Victor Dos Santos Felix J, Furtado Brandao CB, Michelle de Souza Fernandes V, et al. Effects of a cardiopulmonary rehabilitation protocol on functional capacity, dyspnea, fatigue, and body composition in individuals with post-COVID-19 syndrome: A randomized controlled trial. *Physiother Res Int*. 2024;29(2):e2086. Available from: <https://doi.org/10.1002/pri.2086>.

González-Moreno J, Pozuelo C, Manos D, Gómez-Martínez S, Cantero-García M. A third generation therapies approach in long covid patients: Efficacy of an intervention program with spanish adults. *Current Psychology: A Journal for Diverse Perspectives on Diverse Psychological Issues*. 2024. Available from: <https://doi.org/10.1007/s12144-024-06012-6>.

Gorenshtein A, Liba T, Leibovitch L, Stern S, Stern Y. Intervention modalities for brain fog caused by long-COVID: systematic review of the literature. *Neurol Sci*. 2024;02:02. Available from: <https://doi.org/10.1007/s10072-024-07566-w>.

Herrera E, Blanco C, Álvarez-Mundiñano B, González-Nosti M. Neuropsychological Rehabilitation Improves Memory and Action Naming in Patients With Post--COVID-19 Syndrome. *American Journal of Speech-Language Pathology*. 2024;33(2):791-9. Available from: https://doi.org/10.1044/2023_AJSLP-23-00157.

Kaczmarczyk K, Matharu Y, Bobowik P, Gajewski J, Maciejewska-Skrendo A, Kulig K. Resistance Exercise Program Is Feasible and Effective in Improving Functional Strength in Post-COVID Survivors. *J*. 2024;13(6):16. Available from: <https://doi.org/10.3390/jcm13061712>.

Kwan ATH, Guo Z, Ceban F, Le GH, Wong S, Teopiz KM, et al. Assessing the Effects of Metabolic Disruption, Body Mass Index and Inflammation on Depressive Symptoms in Post-COVID-19 Condition: A Randomized Controlled Trial on Vortioxetine. *Adv Ther*. 2024;41(5):1983-94. Available from: <https://doi.org/10.1007/s12325-024-02826-9>.

Kwan ATH, Lakhani M, Le GH, Singh G, Teopiz KM, Guo Z, et al. The Impact of Cognitive Function on Health-Related Quality of Life in Persons with Post-COVID-19 Condition: A Randomized Controlled Trial on Vortioxetine. 2024.

Maniaci A, Lavallo S, Masiello E, Lechien JR, Vaira L, Boscolo-Rizzo P, et al. Platelet-Rich Plasma (PRP) in the Treatment of Long COVID Olfactory Disorders: A Comprehensive Review. *Biomedicines*. 2024;12(4):05. Available from: <https://doi.org/10.3390/biomedicines12040808>.

Mashhadi M, Sahebozamani M, Daneshjoo A, Adeli SH. The Effect of Respiratory and Core Stability Tele-exercises on Pulmonary and Functional Status in COVID-19 Survivors: A

Randomized Clinical Trial. *Phys Treat*. 2022;12(2):85-92. Available from: <https://doi.org/10.32598/ptj.12.2.526.1>.

Mohamady AA, Michael BF, El Desoky M, Farid I. Therapeutic Effect of Combined Oral Vitamin A and Corticosteroid Nasal Spray in Recovery of Smell Sensation in Covid-19 Patients. *Egypt J Ear Nose Throat Allied*. 2024;25(24). Available from: <https://doi.org/10.21608/ejentas.2024.251053.1690>.

Paneroni M, Scalvini S, Perger E, Zampogna E, Govetto S, Oliva FM, et al. Home-based exercise program for people with residual disability following hospitalization for COVID-19: Randomized control trial. *Ann Phys Rehabil Med*. 2024;67(2):101815. Available from: <https://doi.org/10.1016/j.rehab.2023.101815>.

Rice E, Jacobs J, Bell I, Krommidas E. Homeopathic Treatment of Post-acute COVID-19 Syndrome-A Pilot Double-blind Randomized Controlled Trial. *Homeopathy*. 2024;113(1). Available from: <https://doi.org/10.1055/s-0044-1779772>.

Rodríguez-Corredor LC, Sánchez-Rodríguez JM, Vargas-Ramírez L. Impact of pulmonary rehabilitation on quality of life, anxiety and depression in post-COVID-19 patients. Systematic review. *Fisioterapia*. 2024. Available from: <https://doi.org/10.1016/j.ft.2024.01.005>.

Sanchez Mila Z, Rodriguez Sanz D, Martin Nieto A, Jimenez Lobo A, Ramos Hernandez M, Campon Chekroun A, et al. Effects of a respiratory and neurological rehabilitation treatment plan in post Covid-19 affected university students. Randomized clinical study. *Chron*. 2024;21:14799731241255967. Available from: <https://doi.org/10.1177/14799731241255967>.

Sarmiento A, Adodo R, Hodges G, Webber SC, Sanchez-Ramirez DC. Virtual pulmonary rehabilitation approaches in patients with post COVID syndrome: a pilot study. *BMC pulm*. 2024;24(1):139. Available from: <https://doi.org/10.1186/s12890-024-02965-3>.

Sharma Y, Alam T, Gupta S, Fatima A. Effect of pulmonary rehabilitation on functional status dyspnea and quality of life among post COVID-19 patients. *Journal of Asthma*. 2024. Available from: <https://doi.org/10.1080/02770903.2024.2334899>.

Sinopoli A, Sciurti A, Isonne C, Santoro MM, Baccolini V. The Efficacy of Multivitamin, Vitamin A, Vitamin B, Vitamin C, and Vitamin D Supplements in the Prevention and Management of COVID-19 and Long-COVID: An Updated Systematic Review and Meta-Analysis of Randomized Clinical Trials. *Nutrients*. 2024;16(9):29. Available from: <https://doi.org/10.3390/nu16091345>.

Slankamenac J, Ranisavljev M, Todorovic N, Ostojic J, Stajer V, Candow DG, et al. Eight-Week Creatine-Glucose Supplementation Alleviates Clinical Features of Long COVID. *J Nutr Sci Vitaminol (Tokyo)*. 2024;70(2):174-8. Available from: <https://doi.org/10.3177/jnsv.70.174>.

Slankamenac J, Ranisavljev M, Todorovic N, Ostojic J, Stajer V, Ostojic SM. Effects of six-month creatine supplementation on patient- and clinician-reported outcomes, and tissue creatine levels in patients with post-COVID-19 fatigue syndrome. *Food sci*. 2023;11(11):6899-906. Available from: <https://doi.org/10.1002/fsn3.3597>.

Slankamenac J, Ranisavljev M, Todorovic N, Ostojic J, Stajer V, Ostojic SM. Creatine supplementation combined with breathing exercises reduces respiratory discomfort and improves creatine status in patients with long-COVID. *J Postgrad Med.* 2024;70(2):101-4. Available from: https://doi.org/10.4103/jpgm.jpgm_650_23.

Timoteo EF, Silva DF, Oliveira TM, Jose A, Malaguti C. Real-time telerehabilitation for chronic respiratory disease and post-COVID-19: A systematic review and meta-analysis. *J Telemed Telecare.* 2024;1357633X241241572. Available from: <https://doi.org/10.1177/1357633X241241572>.

Tryfonos A, Pourhamidi K, Jornaker G, Engvall M, Eriksson L, Elhallos S, et al. Functional Limitations and Exercise Intolerance in Patients With Post-COVID Condition: A Randomized Crossover Clinical Trial. *JAMA netw.* 2024;7(4):e244386. Available from: <https://doi.org/10.1001/jamanetworkopen.2024.4386>.

Wu BQ, Liu DY, Shen TC, Lai YR, Yu TL, Hsu HL, et al. Effects of Hyperbaric Oxygen Therapy on Long COVID: A Systematic Review. *Life (Basel).* 2024;14(4):26. Available from: <https://doi.org/10.3390/life14040438>.