



Appendix to report

Kunskapsöversikter om
postcovid och karta över
primärstudier om
postcovid

Appendix 3 Excluded studies

Reference	Main reason for exclusion
Alemdaroğlu E, Önal R, Dizdar D, et al. <i>Continuous versus low-intensity interval aerobic exercise in pulmonary rehabilitation after COVID-19</i> . Turkish Journal of Physical Medicine and Rehabilitation. 2025;71(3):385–394.	Wrong patient population
Armstrong M, Owen R, Vogiazitis I. <i>Feasibility of personalised health behaviour coaching to support symptoms and activities of daily living in those with Long COVID-19</i> . European Respiratory Journal. 2023;62:OA4221.	Wrong publication type
Avdeev SN, Drapkina O, Ignatova G, et al. <i>Efficacy of Bovhyaluronidase Azoximer in Patients With Long-term Pulmonary Sequelae of COVID-19</i> . American Journal of Respiratory and Critical Care Medicine. 2025;211:A3028.	Wrong publication type
Baker N, Leeming H, Wickens B, et al. <i>Feasibility of investigating the effectiveness of pacing with a heart rate monitor for people with ME and long COVID</i> . Physiotherapy. 2025;126:101661.	Wrong publication type
Beltramo G, Eloy P, Alfaiate T, Crestani B. <i>Nintedanib for the Treatment of SARS-CoV-2 Induced Pulmonary Fibrosis</i> . American Journal of Respiratory and Critical Care Medicine. 2025;211:A2092.	Wrong publication type
Bermudo-Peloché G, Del Rio B, Vicens-Zygmunt V, et al. <i>Pirfenidone in post-COVID-19 pulmonary fibrosis (FIBRO-COVID)</i> . European Respiratory Journal. 2025;65(4).	Wrong patient population



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Reference	Main reason for exclusion
Biackova N, Laskov O, Adamova A, et al. <i>Evaluation of microstates and functional connectivity after tDCS in post-COVID syndrome</i> . Brain Stimulation. 2025;18(1):503.	Wrong publication type
Bunker T, Horne BD, Baldwin MD, et al. <i>Intermittent fasting and a no-sugar diet for Long COVID symptoms</i> . Scientific Reports. 2025;15:27563.	Wrong study design
Celik Z, Kafa N, Guzel NA, Kokturk N. <i>Effectiveness of physical activity counseling in patients with COVID-19</i> . European Respiratory Journal. 2023;62:PA4528.	Wrong publication type
Chen YC, Rosenthal J, Su G, et al. <i>Innovative Treatment for Post-COVID Syndrome</i> . Blood. 2024;144:7233.	Wrong publication type
Chung TH, Vernino S, Raj S, et al. <i>Treatment of Post-COVID-19 POTS by inhibiting FcRn</i> . European Heart Journal. 2024;45.	Wrong publication type
Chynkiamis N, Vontetsianos A, Anagnostopoulou C, et al. <i>Hybrid Pulmonary Rehabilitation Improves Cardiorespiratory Fitness in Long COVID</i> . Journal of Clinical Medicine. 2025;14(12).	Wrong study design
Cossu G, Kalcev G, Primavera D, et al. <i>HRV-Biofeedback in CFS/ME in Long COVID</i> . Journal of Clinical Medicine. 2025;14(15).	Wrong study design
Cunha ACR, Silva JC, Nascimento JLR, et al. <i>Online vs face-to-face Pilates in long COVID</i> . Biomedical and Biopharmaceutical Research. 2024;21(2):88.	Wrong publication type



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Reference	Main reason for exclusion
Daynes E, Baldwin MM, Greening NJ, et al. <i>Post-Hospital COVID-19 Rehabilitation (PHOSP-R)</i> . European Respiratory Journal. 2024;64:OA3668.	Wrong publication type
De Andrade AD, Junior JCN, Xavier D, et al. <i>Inspiratory muscle training in post-COVID-19 patients</i> . European Respiratory Journal. 2024;64:PA3198.	Wrong publication type
Elsayed E, Beltagy A, Elalfy K, El-Nahas NG. <i>Breather trainer versus pulmonary rehabilitation post-COVID-19</i> . Cardiopulmonary Physical Therapy Journal. 2025;36(1):A23–A24.	Wrong publication type
Germann M, Maffitt NJ, Burton O, et al. <i>Percutaneous auricular nerve stimulation for post-COVID fatigue</i> . Brain Stimulation. 2025;18(1):490.	Wrong publication type
Goulart C, Junior GC, Sobral ACG, et al. <i>Inspiratory muscle training enhances recovery post-COVID-19</i> . European Respiratory Journal. 2024;64:OA940.	Wrong publication type
Gunturkun F, Hedlin H, Botzheim B, et al. <i>Digital Biometric Measures in Long COVID</i> . JAMA Network Open. 2025;8(8):e2526901.	Wrong study design
Hou C, Xing Y, Chen Y, et al. <i>Bufei Huoxue Capsules in Long-COVID-19</i> . Pulmonary Circulation. 2025;15(2):e70084.	Wrong study design
Jarosch I, Schneeberger T, Gloeckl R, et al. <i>Symptom-based Rehabilitation vs Usual Care</i> . American Journal of Respiratory and Critical Care Medicine. 2025;211:A2426.	Wrong publication type



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Reference	Main reason for exclusion
Kang MG, Choi JH, Kim SH, et al. <i>Lactobacillus plantarum for respiratory health</i> . Scientific Reports. 2025;15:22700.	Wrong patient population
Kol BK, Baytok E, Demirci NY, Gucju MB. <i>Inspiratory muscle training post-COVID-19</i> . European Respiratory Journal. 2024;64:PA4132.	Wrong publication type
Kopp J, Kunzi L, Ruegg S, et al. <i>Pycnogenol in post-COVID-19 condition</i> . medRxiv. 2025.	Wrong publication type
Kuchler R, Best N, Derlien S, et al. <i>Kneipp knee casts in post-COVID fatigue</i> . Physikalische Medizin Rehabilitationsmedizin Kurortmedizin. 2025.	Wrong language
Kulkarni T, Santiaguel J, Aul R, et al. <i>Deupirfenidone in PASC</i> . ERJ Open Research. 2025;11(4).	Wrong patient population
Lakhani M, Kwan ATH, McIntyre RS. <i>Vortioxetine in post-COVID-19 condition</i> . SSRN. 2025.	Wrong publication type
Lechien JR, Saussez S. <i>Platelet-Rich Plasma for COVID-19-related olfactory dysfunction</i> . Otolaryngology – Head and Neck Surgery. 2025;172(4):1450–1458.	Wrong study design
Leitl D, Schneeberger T, Jarosch I, et al. <i>Symptom-based rehabilitation in post-COVID-19</i> . European Respiratory Journal. 2023;62:PA5052.	Wrong publication type
Lim L, Hosseinkhah N, Van Buskirk M, et al. <i>Photobiomodulation for brain fog in post-COVID-19</i> . medRxiv. 2025.	Wrong publication type



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Reference	Main reason for exclusion
Mabrouk MI, Abdalbary SA, Abdelmonem AF, et al. <i>Aerobic and balance exercises in post-COVID-19</i> . Physiotherapy Quarterly. 2025;33(2):71–79.	Wrong patient population
Marron EM, Grueso S, Fernandez JG, et al. <i>Remote tDCS in post-COVID-19 syndrome</i> . Brain Stimulation. 2025;18(1):545.	Wrong publication type
Marzetti E, Coelho-Junior HJ, Calvani R, et al. <i>Red beetroot juice in Long COVID</i> . International Journal of Molecular Sciences. 2025;26(3).	Wrong outcomes
Mathai SK, Callahan SJ, Wynn AT, et al. <i>Early Nintedanib in COVID-19 ILD</i> . American Journal of Respiratory and Critical Care Medicine. 2025;211:A2913.	Wrong publication type
Mestre C, Goset J, Navarro VV, et al. <i>Eye-tracking interventions in Post-COVID-19</i> . Investigative Ophthalmology & Visual Science. 2024;65(7):5182.	Wrong publication type
NagaRaju D, Subramanian SS, Indrani D, et al. <i>Bodyweight vs resistance exercises post-COVID</i> . Fizjoterapia Polska. 2025;(3):408–411.	Wrong patient population
Nakamura K, Kondo K, Oka N, et al. <i>Donepezil for fatigue in post-COVID-19</i> . JAMA Network Open. 2025;8(3):e250728.	Wrong patient population
Nambi G, Alghadier M, Mohamed SHP, et al. <i>Integrated training and protein diet in post-COVID sarcopenia</i> . BMJ Nutrition, Prevention & Health. 2025;8(1):e001076.	Wrong patient population



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Reference	Main reason for exclusion
Navas-Otero A, Valenza-Pena G, Granados-Santiago M, et al. <i>Lifestyle adjustment program for Long COVID</i> . European Respiratory Journal. 2024;64:PA4152.	Wrong publication type
Padkao T, Intakhiao S, Prakobkaew N, et al. <i>HIIT and Triphala in Long COVID</i> . International Journal of Molecular Sciences. 2025;26(17).	Wrong patient population
Paranhos ACM, Dias ARN, Koury GVH, et al. <i>Olfactory training in Long COVID</i> . SSRN. 2025.	Wrong publication type
Peloché GB, Del Rio B, Vicens-Zygmunt V, et al. <i>Pirfenidone in post-COVID pulmonary fibrosis</i> . European Respiratory Journal. 2023;62:OA3282.	Wrong publication type
Prudente R, Santos M, Oliveira B, et al. <i>Creatine supplementation in Long COVID fatigue</i> . American Journal of Respiratory and Critical Care Medicine. 2025;211:A2428.	Wrong publication type
Qiao XF, Han LY, Li YF, et al. <i>Olfactory training using TCM in COVID-19</i> . Rhinology. 2025;63(1):77–84.	Wrong study design
Rayapuraju A, Mohamed E, Reed PU, et al. <i>Yogic breathing and meditation in Long COVID</i> . SSRN. 2025.	Wrong publication type
Redel AL, Miry F, Oswald L, Braunstahl GJ. <i>Lactoferrin in Long COVID (LARGO)</i> . European Respiratory Journal. 2023;62:PA1676.	Wrong publication type
Reeves J, Spencer LM, Tsai LL, et al. <i>Pulmonary telerehabilitation post-COVID</i> . European Respiratory Journal. 2024;64:PA3191.	Wrong publication type



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Reference	Main reason for exclusion
Rodrigues da Silva PH, Vidal K, Cavendish B, et al. <i>Brain stimulation in PASC</i> . Brain Stimulation. 2025;18(1):418–419.	Wrong publication type
Sanal-Hayes NEM, Hayes LD, Mair JL, et al. <i>Digital energy management platform in Long COVID</i> . SSRN. 2025.	Wrong publication type
Sanchez-Romero EA, Garcia-Barredo-Restegui T, Martinez-Rolando L, et al. <i>Pulmonary rehabilitation with eHealth tool post-COVID-19</i> . Medicine (Baltimore). 2025;104(10):e41583.	Wrong patient population
Schneeberger T, Jarosch I, Gloeckl R, et al. <i>Symptom-based rehabilitation by symptom clusters</i> . American Journal of Respiratory and Critical Care Medicine. 2025;211:A3183.	Wrong publication type
Schneeberger T, Jarosch I, Leidl D, et al. <i>Reload study preliminary results</i> . European Respiratory Journal. 2023;62:OA4217.	Wrong publication type
Schneeberger T, Jarosch I, Leidl D, et al. <i>Reload trial RCT</i> . European Respiratory Journal. 2024;64:RCT3722.	Wrong publication type
Shogenova LV. <i>Medical gases in COPD post-COVID</i> . Pulmonologiya. 2025;35(3):359–369.	Wrong language
Spiesshoefer J, Regmi B, Gluckl R, Dreher M. <i>Inspiratory muscle training in long COVID</i> . European Respiratory Journal. 2023;62:PA1813.	Wrong publication type
Stortz M, Klimpke P, Kommer A, et al. <i>Immunoabsorption in post-COVID syndrome</i> . Trials. 2025;26(1).	Wrong publication type



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Reference	Main reason for exclusion
Tornberg A, Svensson-Raskh A, Svensson A, et al. <i>Inspiratory muscle training in post-COVID-19</i> . European Respiratory Journal. 2024;64:PA4126.	Wrong publication type
Vidal KS, Cavendish BA, Goerigk S, et al. <i>tDCS plus cognitive training in PASC</i> . Brain Stimulation. 2025;18(5):1608–1616.	Wrong patient population
Vidal KS, Domingos-Neto A, Cavendish B, et al. <i>Long-term effects of tDCS in PASC</i> . Brain Stimulation. 2025;18(1):394.	Wrong publication type
Volckaerts T, Ruttens D, Burtin C, et al. <i>Pulmonary rehabilitation in primary care for long COVID</i> . European Respiratory Journal. 2024;64:OA939.	Wrong publication type
von Falkenhausen AS, Gail A, Geipel S, et al. <i>Depression and anxiety after COVID-19</i> . Depression and Anxiety. 2025;2025(1).	Wrong patient population
Weimer K, Hamberger JK, Gundel H, Jarczok MN. <i>Open-label placebos and vagus-stimulating breathing</i> . Psychotherapy and Psychosomatics. 2024;93:114.	Wrong publication type
Yuan MQ, Song L, Wang ZR, et al. <i>Mesenchymal stem cell therapy after severe COVID-19</i> . Stem Cell Research & Therapy. 2025;16(1).	Wrong patient population
Zissler UM, Poehlmann T, Gloeckl R, et al. <i>Osteopathic treatment in Long COVID fatigue</i> . Journal of Clinical Medicine. 2025;14(17).	Wrong patient population