National Institute for Health and Care Excellence

COVID-19 rapid guideline: managing the long-term effects of COVID-19

[1] Supporting document: Excluded studies report for evidence reviews A to F

NICE guideline NG188

December 2020

Guideline version (Final)



NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

COVID-19 rapid guideline: managing the long-term effects of COVID-19 (NG188)

Excluded studies report

December 2020

Excluded studies

Study	Reason for exclusion
(2020) Persistent Symptoms in Patients after Acute COVID-19. American Journal of Homeopathic Medicine 113(3): 10-10	- Duplicate
(2020) Long COVID: let patients help define long-lasting COVID symptoms. Nature 586(7828): 170-170	- Study design: Expert opinion
(2020) Rehabilitation needs of people affected by the impact of COVID-19: guidance.	- Intervention: Not for Post COVID-19 Syndrome
(2020) Delivering rehabilitation to patients surviving COVID-19 using an adapted pulmonary rehabilitation approach? BTS guidance. British Thoracic Society (BTS)	Intervention: Rehabilitation on dischargeIntervention: Inpatient rehabilitation
(2020) Living with Covid19.	- Website: No data Website inviting people to take part in an NIHR survey
(2020) Long COVID: Academy of Medical Royal Colleges briefing statement. Academy of Medical Royal Colleges	- Study design: Briefing document
(2020) High rates of delirium, persistent fatigue and post-traumatic stress disorder were common after severe infection in previous coronavirus outbreaks.	- Website: No data
(2020) Will COVID-19 Lead to Long-Term Unrest and Health Problems?. Back Letter 35(11): 130-130	- Study design: Expert opinion
(2020) The potential impact of COVID-19 on mental health outcomes and the implications for	- Study aim: Impact of the pandemic

Study	Reason for exclusion
service solutions. NIHR Applied Research Collaboration (ARC) West	
(2020) Spotting the signs of Covid-19-related skin conditions. Nursing in Practice	- Website: No data
(2020) Neuropsychiatric complications of covid- 19. British Medical Journal	- Study design: Expert opinion
(2020) Direct and indirect impacts of COVID-19 on health and wellbeing: rapid evidence review. Liverpool John Moores University	- Study aim: Impact of the pandemic
(2020) Coronaviruses and Endocrine System: a Systematic Review on Evidences and Shadows. Endocrine, metabolic & immune disorders drug targets	- Study aim: Pathophysiology/mechanisms
(2020) Post viral fatigue in Covid-19. Frontline (20454910) 26(6): 20-21	- Study design: Media article
(2020) General practice in frontline for dealing with 'long COVID'. Practice Nurse 50(7): 7-7	- Article unavailable
(2020) Caring for patients after COVID-19: a marathon, not a sprint: Most patients with COVID-19 experience mild disease but of those who are admitted to hospital with more severe illness, half are discharged alive and are likely to need ongoing care and support in the community. Practice Nurse 50(5): 24-26	- Article unavailable
(2020) COVID-19 medical sequelae. Bull. acad. natl. med	- Study design: Expert opinion
(2020) Guidance on screening and active monitoring for post-traumatic stress disorder (PTSD) and other mental health consequences in people recovering from severe COVID-19 illness.	- Supporting evidence
Abboud, Hilal, Abboud, Fatima Zahra, Kharbouch, Hanane et al. (2020) COVID-19 and SARS-Cov-2 Infection: Pathophysiology and Clinical Effects on the Nervous System. World neurosurgery 140: 49-53	- Data: Symptoms not linked to timepoints
Abdullahi, Auwal, Candan, Sevim Acaroz, Abba, Muhammad Aliyu et al. (2020) Neurological and Musculoskeletal Features of COVID-19: A Systematic Review and Meta-Analysis. Frontiers in neurology 11: 687	- Population: Acute Covid-19
Abe, Toshikazu, Ikeda, Terumasa, Tokuda, Yasuharu et al. (2020) A patient infected with SARS-CoV-2 over 100 days. QJM: monthly journal of the Association of Physicians	- Study aim: Pathophysiology/mechanisms

Study	Reason for exclusion
Abrashkin, Karen A; Zhang, Jenny; Poku, Asantewaa (2020) Acute, Post-Acute, and Primary Care Utilization in a Home-Based Primary Care Program during COVID-19. The Gerontologist	- Population: Not COVID specific
Abu-Rumeileh, Samir, Abdelhak, Ahmed, Foschi, Matteo et al. (2020) Guillain-Barre syndrome spectrum associated with COVID-19: an up-to-date systematic review of 73 cases. Journal of neurology	- Population: Acute Covid-19
Aburto, Jose Manuel, Kashyap, Ridhi, Scholey, Jonas et al. (2020) Estimating the burden of COVID-19 on mortality, life expectancy and lifespan inequality in England and Wales: A population-level study. medRxiv: 2020071620155077	- Population: Not COVID specific
Afshar, Yalda, Gaw, Stephanie L, Flaherman, Valerie J et al. (2020) Clinical Presentation of Coronavirus Disease 2019 (COVID-19) in Pregnant and Recently Pregnant People. Obstetrics and gynecology	- Population: Acute Covid-19
Agarwal, Vineet, Venkatakrishnan, Aiveliagaram J, Puranik, Arjun et al. (2020) Quantifying the prevalence of SARS-CoV-2 long-term shedding among non-hospitalized COVID-19 patients. medRxiv: the preprint server for health sciences	- Study aim: Viral shedding
AHC, MEDIA (2020) Helping COVID-19 Patients Through Recovery and Rehabilitation. Hospital Case Management 28(7): 1-3	- Study design: Expert opinion
AHC, MEDIA (2020) Case Managers Can Guide Patients with COVID-19 to Rehab Services. Hospital Case Management 28(11): 1-3	- Population: Acute Covid-19
Ahmad, Imran and Rathore, Farooq Azam (2020) Neurological manifestations and complications of COVID-19: A literature review. Journal of clinical neuroscience: official journal of the Neurosurgical Society of Australasia 77: 8-12	- Population: Acute Covid-19
Ahmed, H., Patel, K., Greenwood, D. C. et al. (2020) Long-term clinical outcomes in survivors of severe acute respiratory syndrome and Middle East respiratory syndrome coronavirus outbreaks after hospitalisation or ICU admission: a systematic review and meta-analysis. Journal of Rehabilitation Medicine 52(5)	- SARS/MERS
Ahmed, Hassaan, Patel, Kajal, Greenwood, Darren et al. (2020) Long-Term Clinical	- Duplicate

Study	Reason for exclusion
Outcomes in Survivors of Coronavirus Outbreaks After Hospitalisation or Icu Admission: A Systematic Review and Meta- Analysis of Follow-up Studies. medRxiv: 2020041620067975	
Ahmed, I. (2020) LONG COVID Covid-19: prioritising rehabilitation when mortality figures dominate the headlines. Bmj-British Medical Journal 370	- Study design: Expert opinion
Aitken, R.J. (2020) COVID-19 and human spermatozoa-Potential risks for infertility and sexual transmission?. Andrology	- Study aim: Pathophysiology/mechanisms
Al-Samkari, Hanny, Karp Leaf, Rebecca S, Dzik, Walter H et al. (2020) COVID-19 and coagulation: bleeding and thrombotic manifestations of SARS-CoV-2 infection. Blood 136(4): 489-500	- Population: Acute Covid-19
Alfano, Gaetano, Perrone, Rossella, Fontana, Francesco et al. (2020) Long-term effects of COVID-19 in a patient on maintenance dialysis. Hemodialysis international. International Symposium on Home Hemodialysis	- Study design: Case study (Prevalence)
Almqvist, Jesper, Granberg, Tobias, Tzortzakakis, Antonios et al. (2020) Neurological manifestations of coronavirus infections - a systematic review. Annals of clinical and translational neurology	- Data: Symptoms not linked to timepoints
Alwan, Nisreen A. (2020) Surveillance is underestimating the burden of the COVID-19 pandemic. Lancet (London, England) 396(10252): e24	- Study design: Expert opinion
Alwan, Nisreen A. (2020) A negative COVID-19 test does not mean recovery. Nature 584(7820): 170-170	- Study design: Expert opinion
Alwan, Nisreen A., Attree, Emily, Blair, Jennifer Mary et al. (2020) From doctors as patients: a manifesto for tackling persisting symptoms of covid-19. BMJ 370	- Study design: Expert opinion
Amenta, Eva M., Spallone, Amy, Rodriguez-Barradas, Maria C., El Sahly, Hana M. et al. (2020) Post-Acute COVID-19: An Overview and Approach to Classification. Open Forum Infectious Diseases	- Study design: Narrative review with no data Included studies were assessed separately in evidence review. Narrative review did not report methods.
Andrenelli, Elisa, Negrini, Francesco, de Sire, Alessandro et al. (2020) Systematic rapid living review on rehabilitation needs due to COVID-19: update to May 31st, 2020. European journal	- Cochrane rapid living review previous update

Study	Reason for exclusion
of physical and rehabilitation medicine 56(4): 508-514	
Anonymous (2020) Managing long covid: don't overlook olfactory dysfunction. BMJ (Clinical research ed.) 370: m3771	- Study design: Expert opinion
Antonelli, Michele and Donelli, Davide (2020) Respiratory rehabilitation for post-COVID19 patients in spa centers: first steps from theory to practice. International journal of biometeorology 64(10): 1811-1813	- Study design: Expert opinion
Arenivas, A., Carter, K.R., Harik, L.M. et al. (2020) COVID-19 neuropsychological factors and considerations within the acute physical medicine and rehabilitation setting. Brain injury: 1-2	- Study design: Narrative review with no data
Arjun, S., Patel, D., Sanivarapu, R. et al. (2020) CASE REPORT OF SEVERE PULMONARY FIBROSIS AS A SEQUELAE OF COVID-19 INFECTION. Chest 158(4): a433-a434	- Population: Acute Covid-19
Arnaud S, Budowski C, Ng Wing Tin S, Degos B (2020) Post SARS-CoV-2 Guillain-Barre syndrome. Clinical neurophysiology 131(7): 1652-1654	- Study design: Case study (Prevalence)
Asokan, Ishan; Rabadia, Soniya V; Yang, Eric H (2020) The COVID-19 Pandemic and its Impact on the Cardio-Oncology Population. Current oncology reports 22(6): 60	- Study aim: Pathophysiology/mechanisms
Azim, Dua, Nasim, Sundus, Kumar, Sohail et al. (2020) Neurological Consequences of 2019- nCoV Infection: A Comprehensive Literature Review. Cureus 12(6): e8790	- Data: Symptoms not linked to timepoints
Azzolino, D., Saporiti, E., Proietti, M. et al. (2020) Nutritional Considerations in Frail Older Patients with COVID-19. J. Nutr. Health Aging 24(7): 696-698	- Study design: Narrative review with no data
Baang, Ji Hoon, Smith, Christopher, Mirabelli, Carmen et al. (2020) Prolonged SARS-CoV-2 replication in an immunocompromised patient. The Journal of infectious diseases	- Study design: Case study (Prevalence)
Baig, Abdul Mannan (2020) Chronic COVID Syndrome: Need for an appropriate medical terminology for Long-COVID and COVID Long- Haulers. Journal of medical virology	Study aim: Case definitionStudy design: Expert opinion
Bajwah, Sabrina, Wilcock, Andrew, Towers, Richard et al. (2020) Managing the supportive care needs of those affected by COVID-19. The European Respiratory Journal 55(4)	- Population: Acute Covid-19

Study	Reason for exclusion
Bakhoum Mathieu, F, Ritter, Michele, Garg, Anupam et al. Subclinical ocular inflammation in persons recovered from ambulatory COVID-19. medrxiv preprint	- Study design: Case series (Prevalence)
Baller, Erica B, Hogan, Charlotte S, Fusunyan, Mark A et al. (2020) Neurocovid: Pharmacological Recommendations for Delirium Associated With COVID-19. Psychosomatics	- Population: Acute Covid-19
Beauchamp, Leah C, Finkelstein, David I, Bush, Ashley I et al. (2020) Parkinsonism as a Third Wave of the COVID-19 Pandemic?. Journal of Parkinson's disease	- Population: Acute Covid-19
Becker, R. C. (2020) Anticipating the long-term cardiovascular effects of COVID-19. Journal of Thrombosis and Thrombolysis 50(3): 512-524	- Study aim: Pathophysiology/mechanisms
Beghi, Ettore, Feigin, Valery, Caso, Valeria et al. (2020) COVID-19 Infection and Neurological Complications: Present Findings and Future Predictions. Neuroepidemiology 54(5): 364-369	- Population: SARS/MERS
Belani, P, Schefflein, J, Kihira, S et al. (2020) COVID-19 Is an Independent Risk Factor for Acute Ischemic Stroke. AJNR. American journal of neuroradiology 41(8): 1361-1364	- Population: Acute Covid-19
Bellastella, G; Maiorino, M I; Esposito, K (2020) Endocrine complications of COVID-19: what happens to the thyroid and adrenal glands?. Journal of endocrinological investigation 43(8): 1169-1170	- Study design: Expert opinion
Belli, Stefano, Balbi, Bruno, Prince, Ilaria et al. (2020) Low physical functioning and impaired performance of activities of daily life in COVID-19 patients who survived the hospitalisation. European Respiratory Journal	- Intervention: Rehabilitation on discharge - Intervention: Inpatient rehabilitation
Benger, Matthew, Williams, Owain, Siddiqui, Juveria et al. (2020) Intracerebral haemorrhage and COVID-19: Clinical characteristics from a case series. Brain, Behavior, and Immunity 88: 940-944	- Population: Acute Covid-19
Biehl, Michelle and Sese, Denise (2020) Post- intensive care syndrome and COVID-19? Implications post pandemic. Cleveland Clinic Journal of Medicine	- Post-intensive care syndrome
Board of Directors, CIRO (2020) Functional status and health status in COVID-19 patients pre and post rehabilitation. Netherlands Trial Register	- Protocol/Ongoing study

Study	Reason for exclusion
Boldrini, Paolo, Bernetti, Andrea, Fiore, Pietro et al. (2020) Impact of COVID-19 outbreak on rehabilitation services and Physical and Rehabilitation Medicine physicians' activities in Italy. An official document of the Italian PRM Society (SIMFER). European Journal of Physical and Rehabilitation Medicine 56(3): 316-318	- Study aim: Impact of pandemic on services
Bose, Rajendran J C and McCarthy, Jason R (2020) Direct SARS-CoV-2 infection of the heart potentiates the cardiovascular sequelae of COVID-19. Drug Discov Today 25(9): 1559-1560	- Study design: Expert opinion
BOSTOCK, BEVERLEY (2020) Long COVID - what should primary care be doing?. Practice Nurse 50(8): 11-15	- Study design: Expert opinion
Bousquet, Guilhem, Falgarone, Geraldine, Deutsch, David et al. (2020) ADL-dependency, D-Dimers, LDH and absence of anticoagulation are independently associated with one-month mortality in older inpatients with Covid-19. Aging 12(12): 11306-11313	- Population: Acute Covid-19
Brancatella A, Ricci D, Cappellani D, Viola N, Sgro D, Santini F, Latrofa F (2020) Is subacute thyroiditis an underestimated manifestation of SARS-CoV-2 infection? Insights from a case series. Journal of clinical endocrinology and metabolism	- Study design: Case series (Prevalence)
BRUGLIERA, Luigia, SPINA, Alfio, CASTELLAZZI, Paola et al. (2020) REHABILITATION OF COVID-19 PATIENTS WITH ACUTE LOWER EXTREMITY ISCHAEMIA AND AMPUTATION. Journal of Rehabilitation Medicine (Stiftelsen Rehabiliteringsinformation) 52(9): 1-4	- Population: Acute Covid-19 - Intervention: Inpatient rehabilitation
Burgers, J (2020) "Long covid": the Dutch response. BMJ (Clinical research ed.) 370: m3202	- Study design: Expert opinion
Butler, Michael J and Barrientos, Ruth M (2020) The impact of nutrition on COVID-19 susceptibility and long-term consequences. Brain, behavior, and immunity 87: 53-54	- Study design: Narrative review with no data
Callard, Felicity and Perego, Dr Elisa (2020) How and Why Patients Made Long Covid. Social Science & Medicine: 113426	Study aim: Case definitionStudy design: Expert opinion
Candan, Sevim Acaroz; Elibol, Nuray; Abdullahi, Auwal (2020) Consideration of prevention and management of long-term consequences of post-acute respiratory distress syndrome in	Intervention: Rehabilitation on dischargeIntervention: Inpatient rehabilitation

Study	Reason for exclusion
patients with COVID-19. Physiotherapy Theory and Practice 36(6): 663-668	
Cao, X. Q., Zhang, X. W., Meng, W. H. et al. (2020) Herpes Zoster and Postherpetic Neuralgia in an Elderly Patient with Critical COVID-19: A Case Report. Journal of Pain Research 13: 2361-2365	- Population: Acute Covid-19
Carfi, Angelo, Bernabei, Roberto, Landi, Francesco et al. (2020) Persistent Symptoms in Patients After Acute COVID-19. JAMA 324(6): 603-605	- Study design: Case series (Prevalence)
Carneiro, Vera Lucia Alves, Andrade, Helena, Matias, Luisa et al. (2020) Post-COVID-19 and the Portuguese national eye care system challenge. Journal of optometry 13(4): 257-261	- Population: Not COVID specific
Carroll, Elizabeth, Neumann, Henry, Aguero-Rosenfeld, Maria E et al. (2020) Post-COVID-19 inflammatory syndrome manifesting as refractory status epilepticus. Epilepsia	- Study design: Case study (Prevalence)
Cavalagli, Angela, Peiti, Greta, Conti, Corrado et al. (2020) Cranial nerves impairment in post-acute oropharyngeal dysphagia after COVID-19: a case report. European journal of physical and rehabilitation medicine	- Study design: Case study (Prevalence)
Ceravolo, M.G., Arienti, C., De Sire, A. et al. (2020) Rehabilitation and Covid-19: the Cochrane Rehabilitation 2020 rapid living systematic review. European journal of physical and rehabilitation medicine	- Cochrane rapid living review previous update
Ceravolo, Maria G, de Sire, Alessandro, Andrenelli, Elisa et al. (2020) Systematic rapid "living" review on rehabilitation needs due to COVID-19: update to March 31st, 2020. European journal of physical and rehabilitation medicine 56(3): 347-353	- Cochrane rapid living review previous update
Chakravorty, Indranil The Physician- Academic Journal for Healthcare Professionals. The Physician 6(2)	- Study design: Narrative review with no data
Chatterjee, N. (2020) The psycho social ramifications of the COVID 19 - A personal treatise. Journal of the Indian Medical Association 118(9): 61-63	- Study design: Expert opinion
Chaturvedi, Rahul, Naidu, Ramana, Sheth, Samir et al. (2020) Efficacy of Serology Testing in Predicting Reinfection in Patients With SARS- CoV-2. Disaster medicine and public health preparedness: 1-3	- Study aim: Serology testing for reinfection prediction

Study	Reason for exclusion
Chen, Ke-Yang, Li, Ting, Gong, Fang-Hua et al. (2020) Predictors of Health-Related Quality of Life and Influencing Factors for COVID-19 Patients, a Follow-Up at One Month. Frontiers in psychiatry 11: 668	- Study aim Assessing quality of life not symptoms
Chen, Ting, Li, Guoju, Liu, Hongli et al. (2020) Clinical characteristics of 132 healthcare worker cases with COVID-19: A retrospective study from a single center in Wuhan, China. Journal of medical virology	- Population: Acute Covid-19
Chen, W., Yang, B., Li, Z. et al. (2020) Sudden severe thrombocytopenia in a patient in the recovery stage of COVID-19. The Lancet Haematology 7(8): e624	- Population: Acute Covid-19
Chen, Xiangliang, Laurent, Sarah, Onur, Oezguer A et al. (2020) A systematic review of neurological symptoms and complications of COVID-19. Journal of neurology	- Population: Acute Covid-19
Chinese Association of Rehabilitation, Medicine; Respiratory Rehabilitation Committee of Chinese Association of Rehabilitation, Medicine; Cardiopulmonary Rehabilitation Group of Chinese Society of Physical Medicine and, Rehabilitation (2020) [Recommendations for respiratory rehabilitation of coronavirus disease 2019 in adult]. Zhonghua Jie He He Hu Xi Za Zhi = Zhonghua Jiehe He Huxi Zazhi = Chinese Journal of Tuberculosis and Respiratory Diseases 43(4): 308-314	- Article not in English
Cicco, Sebastiano, Vacca, Angelo, Cittadini, Antonio et al. (2020) Long-Term Follow-Up May be Useful in Coronavirus Disease 2019 Survivors to Prevent Chronic Complications. Infection & chemotherapy 52(3): 407-409	- Study design: Expert opinion
Collantes, Maria Epifania V, Espiritu, Adrian I, Sy, Marie Charmaine C et al. (2020) Neurological Manifestations in COVID-19 Infection: A Systematic Review and Meta-Analysis. The Canadian journal of neurological sciences. Le journal canadien des sciences neurologiques: 1-11	- Population: Acute Covid-19
Correa, Diogo Goulart, de Souza Lima, Fabiana Cavalcanti, da Cruz Bezerra, Daniel et al. (2020) COVID-19 associated with encephalomyeloradiculitis and positive antiaquaporin-4 antibodies: Cause or coincidence?. Multiple sclerosis (Houndmills, Basingstoke, England): 1352458520949988	- Population: Acute Covid-19 2 weeks from onset
Corsi, Gabriele; Nava, Stefano; Barco, Stefano (2020) [A novel tool to monitor the individual	- Article not in English

Study	Reason for exclusion
functional status after COVID-19: the Post-COVID-19 Functional Status (PCFS) scale]. Giornale italiano di cardiologia (2006) 21(10): 757	
Costa Martins, Daniela, Branco Ribeiro, Sofia, Jesus Pereira, Isabel et al. (2020) Unilateral Hypoglossal Nerve Palsy as a Covid-19 sequel: a case report. American journal of physical medicine & rehabilitation	- Population: Acute Covid-19
Couzin-Frankel, Jennifer (2020) The long haul. Science (New York, N.Y.) 369(6504): 614-617	- Study design: Expert opinion
Curci, Claudio, Pisano, Fabrizio, Bonacci, Eleonora et al. (2020) Early rehabilitation in post-acute COVID-19 patients: data from an Italian COVID-19 rehabilitation unit and proposal of a treatment protocol. A cross-sectional study. European journal of physical and rehabilitation medicine	- Intervention: Inpatient rehabilitation
Curci, Claudio, Pisano, Fabrizio, Negrini, Francesco et al. (2020) Which are the main assessment tools of functional capacity in post- acute COVID-19 patients admitted to Rehabilitation Units?. European journal of physical and rehabilitation medicine	- Study design: Expert opinion
Dang, Minh Huan; Rodman, Bodie; Raj, Rajesh (2020) Unexpected sequelae of the COVID-19 pandemic: A strange case of myoclonus in the Tasmanian winter. Peritoneal Dialysis International: 0896860820965025-0896860820965025	- Population: Acute Covid-19
Dasgupta, Arundhati; Kalhan, Atul; Kalra, Sanjay (2020) Long term complications and rehabilitation of COVID-19 patients. JPMA. The Journal of the Pakistan Medical Association 70(Suppl 3): 131-s135	-Population: SARS/MERS Narrative review using SARS evidence to highlight potential long term complications
Davido, Benjamin, Seang, Sophie, Tubiana, Roland et al. (2020) Post-COVID-19 chronic symptoms: a post-infectious entity?. Clinical microbiology and infection: the official publication of the European Society of Clinical Microbiology and Infectious Diseases	- Study design: Expert opinion
De Felice, Fernanda G, Tovar-Moll, Fernanda, Moll, Jorge et al. (2020) Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and the Central Nervous System. Trends in neurosciences 43(6): 355-357	- Study design: Narrative review with no data
De Lorenzo, Rebecca, Conte, Caterina, Lanzani, Chiara et al. (2020) Residual clinical damage after COVID-19: A retrospective and	- Population: Acute Covid-19

Study	Reason for exclusion
prospective observational cohort study. PloS one 15(10): e0239570	
De Sire, Alessandro, Andrenelli, Elisa, Negrini, Francesco et al. (2020) Rehabilitation and COVID-19: the Cochrane Rehabilitation 2020 rapid living systematic review. Update as of August 31st, 2020. European journal of physical and rehabilitation medicine	- Cochrane rapid living review previous update
de Sire, Alessandro, Andrenelli, Elisa, Negrini, Francesco et al. (2020) Systematic rapid living review on rehabilitation needs due to COVID-19: update as of April 30th, 2020. European journal of physical and rehabilitation medicine 56(3): 354-360	- Cochrane rapid living review previous update
de Sire, Alessandro, Andrenelli, Elisa, Negrini, Francesco et al. (2020) Systematic rapid living review on rehabilitation needs due to Covid-19: update to April 30th 2020. European journal of physical and rehabilitation medicine	- Cochrane rapid living review previous update
De Spiegeleer A, Bronselaer A, Teo JT, Byttebier G, De Tre G, Belmans L, Dobson R, Wynendaele E, Van De Wiele C, Vandaele F, Van Dijck D, Bean D, Fedson D, De Spiegeleer B (2020) The effects of arbs, aceis, and statins on clinical outcomes of COVID-19 infection among nursing home residents. Journal of the American Medical Directors Association 21(7): 909-914.e2	- Population: Acute Covid-19
Decker, Annegrit, Welzel, Markus, Laubner, Katharina et al. (2020) Prolonged SARS-CoV-2 shedding and mild course of COVID-19 in a patient after recent heart transplantation. American journal of transplantation: official journal of the American Society of Transplantation and the American Society of Transplant Surgeons	- Study aim: Pathophysiology/mechanisms
Delafontaine, A., Ditcharles, S., Hussein, T. et al. (2020) Physiotherapy and COVID-19: A major public health role to short, medium and long terms in the patient's rehabilitation process. Kinesitherapie 20(223): 11-18	- Duplicate
Delafontaine, Arnaud, Ditcharles, Sébastien, Hussein, Tarek et al. (2020) La Kinésithérapie face au COVID-19: un rôle de Santé publique majeur à court, moyen et long termes dans le processus rééducatif-réadaptatif des patients. Kinesitherapie Revue 20(223): 11-18	- Article not in English
Demeco, A, Marotta, N, Barletta, M et al. (2020) Rehabilitation of patients post-COVID-19 infection: a literature review. The Journal of	- Intervention: Inpatient rehabilitation

Study	Reason for exclusion
international medical research 48(8): 300060520948382	
Demertzis, Zachary D, Dagher, Carina, Malette, Kelly M et al. (2020) Cardiac sequelae of novel coronavirus disease 2019 (COVID-19): a clinical case series. European heart journal. Case reports 4(fi1): 1-6	- Population: Acute Covid-19
Denina, Marco, Pruccoli, Giulia, Scolfaro, Carlo et al. (2020) Sequelae of COVID-19 in Hospitalized Children: A 4-Months Follow-Up. The Pediatric infectious disease journal	- Population: Acute Covid-19
Diaz-Segarra, Nicole, Edmond, Arline, Kunac, Anastasia et al. (2020) COVID-19 Ischemic Strokes as an Emerging Rehabilitation Population: A Case Series. American Journal of Physical Medicine & Rehabilitation 99(10): 876- 879	- Study design: Case series (Prevalence)
Donnelly, Seamas C (2020) Post COVID Syndrome (PCS) and healthcare workers: who cares for the carers?. QJM: monthly journal of the Association of Physicians 113(9): 611	- Intervention: Not for Post COVID-19 Syndrome
Duan, L. and Zhu, G. (2020) Psychological interventions for people affected by the COVID-19 epidemic. Lancet Psychiatry 7(4): 300-302	- Intervention: Not for Post COVID-19 Syndrome
Dunne, Beibhinn (2020) Two in three members recovered from Covid-19 hit by post-viral fatigue: INMO survey backs up safe staffing message delivered to Oireachtas. World of Irish Nursing & Midwifery: 16-17	- No data to extract
Duymaz, Tomris (2020) Pulmonary Rehabilitation in Post-Acute Period of COVID- 19 Infection: Prospective Randomized Controlled Trial.	- Protocol/Ongoing study
ECRI (2020) Screening and Treatment for Post- intensive Care Syndrome after Discharge of Patients with COVID-19.	- Post-intensive care syndrome
Ellul, Mark A., Benjamin, Laura, Singh, Bhagteshwar et al. (2020) Neurological associations of COVID-19. The Lancet. Neurology 19(9): 767-783	- Population: Acute Covid-19
Elsayed, Sarah M, Reddy, Mithun K, Murthy, Pooja M et al. (2020) The Possibility and Cause of Relapse After Previously Recovering From COVID-19: A Systematic Review. Cureus 12(9): e10264	- Population: Acute Covid-19
Etkin, Yana, Conway, Allan M, Silpe, Jeffrey et al. (2020) Acute Arterial Thromboembolism in	- Population: Acute Covid-19

Study	Reason for exclusion
Patients with COVID-19 in the New York City Area. Annals of vascular surgery	
Exum, E., Hull, B.L., Lee, A.C.W. et al. (2020) Applying Telehealth Technologies and Strategies to Provide Acute Care Consultation and Treatment of Patients with Confirmed or Possible COVID-19. Journal of Acute Care Physical Therapy 11(3): 103-112	- Population: Acute Covid-19
Falvey, Jason R. and Ferrante, Lauren E. (2020) Flattening the disability curve: Rehabilitation and recovery after COVID-19 infection. Heart & Lung 49(5): 440-441	- Intervention: Inpatient rehabilitation
Fardman A, Oren D, Berkovitch A, Segev A, Levy Y, Beigel R, Matetzky S (2020) Post Covid-19 acute myocardial infarction rebound. Canadian journal of cardiology	- Population: Not COVID specific
Faux, Steven G, Eagar, Kathy, Cameron, Ian D et al. (2020) COVID-19: planning for the aftermath to manage the aftershocks. Medical Journal of Australia 213(2): 60-60	- Study aim: Planning in a pandemic setting
Ferroli, P., Villa, C., Ciuffi, A. et al. (2020) Long lasting hypercoagulability after subclinical COVID-19. Journal of Thrombosis and Thrombolysis 50(4): 822-824	- Study design: Case study (Prevalence)
Flavia, Ismael, Joao C. S., Bizario, Tatiane, Battagin et al. Post-infection depression, anxiety and PTSD: a retrospective cohort study with mild COVID-19 patients.	- Population: Acute Covid-19
Fotuhi, Majid, Mian, Ali, Meysami, Somayeh et al. (2020) Neurobiology of COVID-19. Journal of Alzheimer's disease: JAD 76(1): 3-19	- Population: Acute Covid-19
Fraser, Emily (2020) Long term respiratory complications of covid-19. BMJ 370	- Study design: Expert opinion
Frontera JA, Sabadia S, Lalchan R, Fang T, Flusty B, Millar-Vernetti P, Snyder T, Berger S, Yang D, Granger A, Morgan N, Patel P, Gutman J, Melmed K, Agarwal S, Bokhari M, Andino A, Valdes E, Omari M, Kvernland A, Lillemoe K, Chou SH, McNett M, Helbok R, Mainali S, Fink EL, Robertson C, Schober M, Suarez JI, Ziai W, Menon D, Friedman D, Friedman D, Holmes M, Huang J, Thawani S, Howard J, Abou-Fayssal N, Krieger P, Lewis A, Lord AS, Zhou T, Kahn DE, Czeisler BM, Torres J, Yaghi S, Ishida K, Scher E, de Havenon A, Placantonakis D, Liu M, Wisniewski T, Troxel AB, Balcer L, Galetta S (2020) A Prospective Study of Neurologic Disorders in Hospitalized COVID-19 Patients in New York City. Neurology	- Population: Acute Covid-19

C (2020) Saddle pulmonary embolism and thrombus-in-transit straddling the patent foramen ovale 28 days after COVID symptom onset. Echocardiography (Mount Kisco, N.Y.) Garcia Bascones, M., Puentes Gutierrez, A.B., Fernandez Garcia, L. et al. (2020) Fighting against COVID-19: clinical activities of spanish rehabilitation physicians: A cross-sectional study. Rehabilitation physicians: A cross-sectional study. Rehabilitation physicians: A cross-sectional study. Rehabilitation or Board and the weeks?phantom speed cameras, unknown limits, and harsh penalties. The BMJ Garrigues, Eve, Janvier, Paul, Kherabi, Yousra et al. (2020) Post-discharge persistent symptoms and health-related quality of life after hospitalization for COVID-19. Journal of Infection Gleason, Lauren J, Beiting, Kimberly J, Walker, Jacob et al. (2020) Using Telementoring to Share Bast Practices on COVID-19 in Post-Acute and Long-Term Care Facilities. J. am. geriatr. soc Gracio, S. and Kocer, S. (2020) Rehabilitation is crucial for severe COVID-19 survivors. Revue Medicale Suisses 16(696): 1170-1173 Griffith, Matthew F., Levy, Cari R., Parkh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post-Acute Care. J Am Med Dir Assoc 21(7): 995-997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S, O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Study	Reason for exclusion
Fernandez Garcia, L. et al. (2020) Fighting against COVID-19: clinical activities of spanish rehabilitation physicians: A cross-sectional study. Rehabilitation and the study. Rehabilitation for COVID-19 at 14 weeks?phantom speed cameras, unknown limits, and harsh penalties. The BMJ Garrigues, Eve, Janvier, Paul, Kherabi, Yousra et al. (2020) Post-discharge persistent symptoms and health-related quality of life after hospitalization for COVID-19. Journal of Infection Gleason, Lauren J, Beiting, Kimberly J, Walker, Jacob et al. (2020) Using Telementoring to Share Best Practices on COVID-19 in Post-Acute and Long-Term Care Facilities. J. am. geriatr. soc. Gracio, S. and Kocer, S. (2020) Rehabilitation is crucial for severe COVID-19 survivors. Revue Medicale Suisse 16(696): 1170-1173 Griffith, Matthew F., Levy, Carl R., Parikh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessen, Rachel et al. (2020) Addressing Rehabilitation Needuce Burden on Acute and Post-Acute Care. J Am Med Dir Assoc 21(7): 995-997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S, O'Connor, R, Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Fujikura, Kana; Fontes, Joao D; Taub, Cynthia C (2020) Saddle pulmonary embolism and thrombus-in-transit straddling the patent foramen ovale 28 days after COVID symptom onset. Echocardiography (Mount Kisco, N.Y.)	- Study design: Case study (Prevalence)
14 weeks?phantom speed cameras, unknown limits, and harsh penalties. The BMJ Garriques, Eve, Janvier, Paul, Kherabi, Yousra et al. (2020) Post-discharge persistent symptoms and health-related quality of life after hospitalization for COVID-19. Journal of Infection Gleason, Lauren J, Beiting, Kimberly J, Walker, Jacob et al. (2020) Using Telementoring to Share Best Practices on COVID-19 in Post-Acute and Long-Term Care Facilities. J. am. geriatr. soc Gracio, S. and Kocer, S. (2020) Rehabilitation is crucial for severe COVID-19 survivors. Revue Medicale Suisse 16(696): 1170-1173 Griffith, Matthew F., Levy, Carl R., Parikh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post-Acute Care. J Am Med Dir Assoc 21(7): 995-997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Garcia Bascones, M., Puentes Gutierrez, A.B., Fernandez Garcia, L. et al. (2020) Fighting against COVID-19: clinical activities of spanish rehabilitation physicians: A cross-sectional study. Rehabilitacion	- Article not in English
et al. (2020) Post-discharge persistent symptoms and health-related quality of life after hospitalization for COVID-19. Journal of Infection Gleason, Lauren J, Beiting, Kimberly J, Walker, Jacob et al. (2020) Using Telementoring to Share Best Practices on COVID-19 in Post-Acute and Long-Term Care Facilities. J. am. geriatr. soc Gracio, S. and Kocer, S. (2020) Rehabilitation is crucial for severe COVID-19 survivors. Revue Medicale Suisse 16(696): 1170-1173 Griffith, Matthew F., Levy, Cari R., Parikh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post-Acute Care. J Am Med Dir Assoc 21(7): 995-997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S, O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Garner, Paul (2020) Paul Garner: Covid-19 at 14 weeks?phantom speed cameras, unknown limits, and harsh penalties. The BMJ	- Study design: Expert opinion
Jacob et al. (2020) Using Telementoring to Share Best Practices on COVID-19 in Post-Acute and Long-Term Care Facilities. J. am. geriatr. soc Gracio, S. and Kocer, S. (2020) Rehabilitation is crucial for severe COVID-19 survivors. Revue Medicale Suisse 16(696): 1170-1173 Griffith, Matthew F., Levy, Cari R., Parikh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post-Acute Care. J Am Med Dir Assoc 21(7): 995-997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Garrigues, Eve, Janvier, Paul, Kherabi, Yousra et al. (2020) Post-discharge persistent symptoms and health-related quality of life after hospitalization for COVID-19. Journal of Infection	- Study design: Case series (Prevalence)
crucial for severe COVID-19 survivors. Revue Medicale Suisse 16(696): 1170-1173 Griffith, Matthew F., Levy, Cari R., Parikh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post- Acute Care. J Am Med Dir Assoc 21(7): 995- 997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Gleason, Lauren J, Beiting, Kimberly J, Walker, Jacob et al. (2020) Using Telementoring to Share Best Practices on COVID-19 in Post-Acute and Long-Term Care Facilities. J. am. geriatr. soc	- Study aim: Sharing best practice
J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post- Acute Care. J Am Med Dir Assoc 21(7): 995- 997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Gracio, S. and Kocer, S. (2020) Rehabilitation is crucial for severe COVID-19 survivors. Revue Medicale Suisse 16(696): 1170-1173	- Article not in English
Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post- Acute Care. J Am Med Dir Assoc 21(7): 995- 997 Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Griffith, Matthew F., Levy, Cari R., Parikh, Toral J. et al. (2020) Nursing Home Residents Face Severe Functional Limitation or Death After Hospitalization for Pneumonia. Journal of the American Medical Directors Association	·
Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal	Gustavson, Allison M, Danilovich, Margaret K, Lessem, Rachel et al. (2020) Addressing Rehabilitation Needs During a Pandemic: Solutions to Reduce Burden on Acute and Post- Acute Care. J Am Med Dir Assoc 21(7): 995- 997	- Study design: Expert opinion
COVID and chronic COVID syndromes. Journal	Gutierrez Rodriguez J, Montero Munoz J, Jimenez Muela F, Guirola Garcia-Prendes C, Martinez Rivera M, Gomez Armas L (2020) Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service. Revista espanola de geriatria y gerontologia	- Article not in English
	Halpin, S; O'Connor, R; Sivan, M (2020) Long COVID and chronic COVID syndromes. Journal of medical virology	- Study design: Expert opinion

Study	Reason for exclusion
Hammad, Tarek A, Parikh, Melanie, Tashtish, Nour et al. (2020) Impact of COVID-19 pandemic on ST-elevation myocardial infarction in a non-COVID-19 epicenter. Catheterization and cardiovascular interventions: official journal of the Society for Cardiac Angiography & Interventions	- Population: Not COVID specific
Hampshire, Adam, Trender, William, Chamberlain, Samuel R. et al. (2020) Cognitive deficits in people who have recovered from COVID-19 relative to controls: An N=84,285 online study. medRxiv: 2020102020215863	- Real world data not specific to COVID-19
Han, Xiaoyu, Cao, Yukun, Jiang, Nanchuan et al. (2020) Novel Coronavirus Disease 2019 (COVID-19) Pneumonia Progression Course in 17 Discharged Patients: Comparison of Clinical and Thin-Section Computed Tomography Features During Recovery. Clinical infectious diseases: an official publication of the Infectious Diseases Society of America 71(15): 723-731	- Population: Acute Covid-19
Hascup, Erin R and Hascup, Kevin N (2020) Does SARS-CoV-2 infection cause chronic neurological complications?. GeroScience 42(4): 1083-1087	- Study design: Narrative review with no data
Hassett, Catherine E, Gedansky, Aron, Migdady, Ibrahim et al. (2020) Neurologic complications of COVID-19. Cleveland Clinic journal of medicine	- Population: Acute Covid-19
Hays, Priya (2020) Clinical sequelae of the novel coronavirus: does COVID-19 infection predispose patients to cancer?. Future oncology (London, England) 16(20): 1463-1474	- Study design: Narrative review with no data
Heffernan, K.S.; Ranadive, S.M.; Jae, S.Y. (2020) Exercise as medicine for COVID-19: On PPAR with emerging pharmacotherapy. Medical Hypotheses 143: 110197	- Study aim: Pathophysiology/mechanisms
Helleberg, Marie, Niemann, Carsten Utoft, Moestrup, Kasper Sommerlund et al. (2020) Persistent COVID-19 in an Immunocompromised Patient Temporarily Responsive to Two Courses of Remdesivir Therapy. The Journal of infectious diseases 222(7): 1103-1107	- Study design: Case study (Prevalence)
Heneka, Michael T, Golenbock, Douglas, Latz, Eicke et al. (2020) Immediate and long-term consequences of COVID-19 infections for the development of neurological disease. Alzheimer's research & therapy 12(1): 69	- Study design: Expert opinion

Study	Reason for exclusion
Herman, Collin; Mayer, Kirby; Sarwal, Aarti (2020) Scoping review of prevalence of neurologic comorbidities in patients hospitalized for COVID-19. Neurology 95(2): 77-84	- Population: Acute Covid-19
Hermann, Matthias, Pekacka-Egli, Anna-Maria, Witassek, Fabienne et al. (2020) Feasibility and Efficacy of Cardiopulmonary Rehabilitation After COVID-19. American Journal of Physical Medicine & Rehabilitation 99(10): 865-869	- Intervention: Inpatient rehabilitation
Herridge, Margaret S., Moss, Marc, Hough, Catherine L. et al. (2016) Recovery and outcomes after the acute respiratory distress syndrome (ARDS) in patients and their family caregivers. Intensive Care Medicine 42(5): 725-738	- SARS/MERS
Hewson, Thomas, Shepherd, Andrew, Hard, Jake et al. (2020) Effects of the COVID-19 pandemic on the mental health of prisoners. The Lancet Psychiatry 7(7): 568-570	- Study aim: Impact of the pandemic
Hill, Andrea D., Fowler, Robert A., Burns, Karen E. A. et al. (2016) Long-Term Outcomes and Health Care Utilization after Prolonged Mechanical Ventilation. Annals of the American Thoracic Society 14(3): 355-362	- Non-COVID related
Hoang, Ansel, Chorath, Kevin, Moreira, Axel et al. (2020) COVID-19 in 7780 pediatric patients: A systematic review. EClinicalMedicine 24: 100433	- Population: Acute Covid-19
Honigsbaum, Mark and Krishnan, Lakshmi (2020) Taking pandemic sequelae seriously: from the Russian influenza to COVID-19 longhaulers. Lancet (London, England)	- Study design: Expert opinion
Hsueh, Sung-Ju, Lee, Ming-Jen, Chen, Hsin-Shui et al. (2020) Myopathy associated with COVID-19. Journal of the Formosan Medical Association = Taiwan Yi Zhi	- Population: Acute Covid-19
Huang, Dong, Yang, Huan, Yu, He et al. (2020) A novel risk score to predict cardiovascular complications in patients with coronavirus disease 2019 (COVID-19): A retrospective, multicenter, observational study. Immunity, inflammation and disease	- Population: Acute Covid-19
Huber, M., Rogozinski, S., Puppe, W. et al. (2020) Postinfectious Onset of Myasthenia Gravis in a COVID-19 Patient. Frontiers in Neurology 11: 576153	- Population: Acute Covid-19

Study	Reason for exclusion
HURLEY, DAN (2020) Patients with COVID-19 Face Prolonged Neurocognitive Recovery After	- Population: Acute Covid-19
Ventilation. Neurology Today 20(14): 1-26	- Study design: Expert opinion
lannaccone, Sandro, Alemanno, Federica, Houdayer, Elise et al. (2020) COVID-19 rehabilitation units are twice as expensive as regular rehabilitation units. Journal of rehabilitation medicine 52(6): jrm00073	- Intervention: Inpatient rehabilitation
lannaccone, Sandro, Castellazzi, Paola, Tettamanti, Andrea et al. (2020) Role of Rehabilitation Department for Adult Individuals With COVID-19: The Experience of the San Raffaele Hospital of Milan. Archives of Physical Medicine & Rehabilitation 101(9): 1656-1661	- Population: Acute Covid-19
Iba, Toshiaki, Levy, Jerrold H, Levi, Marcel et al. (2020) Coagulopathy of Coronavirus Disease 2019. Critical care medicine 48(9): 1358-1364	- Study design: Narrative review with no data
Inciardi, Riccardo M., Lupi, Laura, Zaccone, Gregorio et al. (2020) Cardiac Involvement in a Patient With Coronavirus Disease 2019 (COVID-19). JAMA cardiology 5(7): 819-824	- Population: Acute Covid-19
Indes, Jeffrey E, Koleilat, Issam, Hatch, Ayesha Nzeribe et al. (2020) Early experience with arterial thromboembolic complications in patents with COVID-19. Journal of vascular surgery	- Population: Not COVID specific
Inzitari M, Udina C, Len O, Ars J, Arnal C, Badani H, Davey V, Risco E, Ayats P, de Andres AM, Mayordomo C, Ros FJ, Morandi A, Cesari M (2020) How a Barcelona Post-Acute Facility became a Referral Center for Comprehensive Management of Subacute Patients With COVID-19. Journal of the American Medical Directors Association 21(7): 954-957	- Population: Acute Covid-19
loannidis, John P A (2020) Global perspective of COVID-19 epidemiology for a full-cycle pandemic. European journal of clinical investigation: e13423	- Study aim: Planning in a pandemic setting
Islam, Mohammed F.; Cotler, Joseph; Jason, Leonard A. (2020) Post-viral fatigue and COVID-19: lessons from past epidemics. Fatigue: Biomedicine, Health & Behavior 8(2): 61-69	- Non-COVID related - SARS/MERS
Italian Thoracic Society (ITS - AIPO), Association for the Rehabilitation of Respiratory Failure (ARIR) and the Italian Respiratory Society (SIP/IRS) Joint statement.	- Population: Acute Covid-19

Study	Reason for exclusion
lyengar, Karthikeyan P. and Vaishya, Raju (2020) Long-term health consequences of COVID-19 disease. Apollo Medicine 17(5): 32	- Article unavailable
Jain, Rajan, Young, Matthew, Dogra, Siddhant et al. (2020) COVID-19 related neuroimaging findings: A signal of thromboembolic complications and a strong prognostic marker of poor patient outcome. Journal of the neurological sciences 414: 116923	- Population: Acute Covid-19
Jangra, Mandeep and Saxena, Akanksha (2020) Significance of physiotherapy in "SARS- CoV-2/COVID-19: An Epidemic". Annals of Thoracic Medicine 15(3): 179-180	- Population: Acute Covid-19
Jarrahi, Abbas, Ahluwalia, Meenakshi, Khodadadi, Hesam et al. (2020) Neurological consequences of COVID-19: what have we learned and where do we go from here?. Journal of neuroinflammation 17(1): 286	- Population: Acute Covid-19
Javier Montero, Muñoz, Francisco Jiménez, Muela, Cristina Guirola, García-Prendes et al. (2020) Variables asociadas con mortalidad en una población de pacientes mayores de 80 años y con algún grado de dependencia funcional, hospitalizados por COVID-19 en un Servicio de Geriatría./ [Variables associated with mortality in a selected sample of patients older than 80 years and with some degree of functional dependence hospitalized for COVID-19 in a Geriatrics Service].	- Website: No data
Jin C, Wang Y, Wu CC, Zhao H, Liang T, Liu Z, Jian Z, Li R, Wang Z, Li F, Zhou J, Cai S, Liu Y, Li H, Li Z, Liang Y, Zhou H, Wang X, Ren Z, Yang J (2020) A pattern categorization of CT findings to predict outcome of COVID-19 pneumonia. Medrxiv: 2020051920107409	- Population: Acute Covid-19
Johnson JK, Lapin B, Green K, Stilphen M (2020) Frequency of Physical Therapist Intervention Is Associated With Mobility Status and Disposition at Hospital Discharge for Patients With COVID-19. Physical therapy	- Population: Acute Covid-19
Johnson, Shawn F, Tiako, Max Jordan Nguemeni, Flash, Moses J. E et al. (2020) Disparities in the recovery from critical illness due to COVID-19. The Lancet Psychiatry 7(8): e54-e55	- Study design: Narrative review with no data
Joseph, Joshua W, Roberts, Jonathan C, Weaver, Cheri N et al. (2020) Patients with Mild COVID-19 Symptoms and Coincident Pulmonary Embolism: A Case Series. Clinical	- Population: Acute Covid-19

Study	Reason for exclusion
practice and cases in emergency medicine 4(3): 295-298	
Jungmayr, P. (2020) When SARS-CoV-2 attacks the heart: Long-term cardiovascular consequences are also possible in mild course of COVID-19. Deutsche Apotheker Zeitung 160(32): a76	- Article not in English
Kadir, Rezan Abdul, Kobayashi, Takao, Iba, Toshiaki et al. (2020) COVID-19 Coagulopathy in Pregnancy: Critical Review, Preliminary Recommendations and ISTH Registry - Communication from the ISTH SSC for Women's Health. Journal of thrombosis and haemostasis: JTH	- Population: Acute Covid-19
Karimi-Galougahi, Mahboobeh, Safavi Naini, Ali, Ghorbani, Jahangir et al. (2020) Emergence and Evolution of Olfactory and Gustatory Symptoms in Patients with COVID-19 in the Outpatient Setting. Indian journal of otolaryngology and head and neck surgery: official publication of the Association of Otolaryngologists of India: 1-7	- Population: Acute Covid-19
Kattar, Nrusheel, Do, Triet M, Unis, Graham D et al. (2020) Olfactory Training for Postviral Olfactory Dysfunction: Systematic Review and Meta-analysis. Otolaryngol Head Neck Surg: 194599820943550-194599820943550	- Population: Not COVID specific
Kavsak, Peter A, Hammarsten, Ola, Worster, Andrew et al. (2020) Cardiac Troponin Testing in Patients with COVID-19: A Strategy for Testing and Reporting Results. Clinical chemistry	- Population: Acute Covid-19
Keefe James B, O'Keefe and Cellai, Michele Characterization of prolonged COVID-19 symptoms and patient comorbidities in an outpatient telemedicine cohort. medrxiv preprint	- Study design: Case series (Prevalence)
Keita, Abdoulaye, Bacharou, Hamza Abdou, Diallo, Ibrahima et al. (2020) [Anosmia without aguesia in COVID-19 patients: about 2 cases]. The Pan African medical journal 36: 176	- Article not in English
Kelly, J R, Crockett, M T, Alexander, L et al. (2020) Psychedelic science in post-COVID-19 psychiatry. Irish journal of psychological medicine: 1-6	- Population: Not COVID specific
Khan, Fary and Amatya, Bhasker (2020) MEDICAL REHABILITATION IN PANDEMICS: TOWARDS A NEW PERSPECTIVE. Journal of Rehabilitation Medicine (Stiftelsen Rehabiliteringsinformation) 52(4): 1-4	Study aim: Planning in a pandemic settingIntervention: Inpatient rehabilitationIntervention: Rehabilitation on discharge

Study	Reason for exclusion
Khoo A, McLoughlin B, Cheema S, Weil RS, Lambert C, Manji H, Zandi MS, Morrow JM (2020) Postinfectious brainstem encephalitis associated with SARS-CoV-2. Journal of neurology, neurosurgery, and psychiatry	- Study design: Case study (Prevalence)
Kiekens, Carlotte, Boldrini, Paolo, Andreoli, Arnaldo et al. (2020) 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 56(3): 323-326	- Population: Acute Covid-19
Kim, Soo Y, Kumble, Sowmya, Patel, Bhavesh et al. (2020) Managing the Rehabilitation Wave: Rehabilitation Services for COVID-19 Survivors. Archives of physical medicine and rehabilitation	Population: Acute Covid-19Intervention: Rehabilitation on dischargeIntervention: Inpatient rehabilitation
Kingstone, Tom, Taylor, Anna K, O'Donnell, Catherine A et al. (2020) Finding the 'right' GP: a qualitative study of the experiences of people with long-COVID. BJGP open	- Qualitative studies: Separate search conducted by SIGN
Klitzman, Robert L (2020) Needs to Prepare for "Post-COVID-19 Syndrome". The American journal of bioethics : AJOB 20(11): 4-6	- Study design: Expert opinion
Koschmieder, Steffen, Jost, Edgar, Cornelissen, Christian et al. (2020) Favorable COVID-19 course despite significant comorbidities in a ruxolitinib-treated patient with primary myelofibrosis. European journal of haematology	- Population: Acute Covid-19
Kosugi, E.M., Lavinsky, J., Romano, F.R. et al. (2020) Incomplete and late recovery of sudden olfactory dysfunction in COVID-19. Brazilian Journal of Otorhinolaryngology 86(4): 490-496	- Population: Acute Covid-19
Koumpa, Foteini Stefania; Forde, Cillian T; Manjaly, Joseph G (2020) Sudden irreversible hearing loss post COVID-19. BMJ case reports 13(11)	- Population: Acute Covid-19
Kurtais Aytur, Yesim, Koseoglu, Belma Fusun, Ozyemisci Taskiran, Ozden et al. (2020) Pulmonary rehabilitation principles in SARS-COV-2 infection (COVID-19): A guideline for the acute and subacute rehabilitation. Turkish journal of physical medicine and rehabilitation 66(2): 104-120	- Population: Acute Covid-19
Ladds, Emma, Rushforth, Alex, Wieringa, Sietse et al. (2020) Persistent symptoms after Covid-19: qualitative study of 114 "long Covid" patients and draft quality criteria for services. medRxiv: 2020101320211854	- Qualitative studies: Separate search conducted by SIGN

Study	Reason for exclusion
Lamprecht, Bernd (2020) [Is there a post-COVID syndrome?]. Der Pneumologe: 1-4	- Article not in English
Landry, Michel D., Tupetz, Anna, Jalovcic, Djenana et al. (2020) The Novel Coronavirus (COVID-19): Making a Connection between Infectious Disease Outbreaks and Rehabilitation. Physiotherapy Canada: e20200019	- Population: Acute Covid-19
Lascano, Agustina M., Epiney, Jean-Benoît, Coen, Matteo et al. (2020) SARS-CoV-2 and Guillain-Barré syndrome: AIDP variant with favorable outcome. European Journal of Neurology	- Population: Acute Covid-19
Lauretani, Fulvio, Ravazzoni, Giulia, Roberti, Maria Federica et al. (2020) Assessment and treatment of older individuals with COVID 19 multi-system disease: Clinical and ethical implications. Acta bio-medica: Atenei Parmensis 91(2): 150-168	- Population: Acute Covid-19
Lechien JR, Circiu MP, Crevier-Buchman L, Hans S (2020) Post-COVID-19 paradoxical vocal fold movement disorder. European archives of oto-rhino-laryngology	- Study design: Case study (Prevalence)
Lee, Audrey Jia Yi, Chung, Chloe Lau Ha, Young, Barnaby Edward et al. (2020) Clinical course and physiotherapy intervention in 9 patients with COVID-19. Physiotherapy 109: 1-3	- Population: Acute Covid-19
Lee, Hyun Woo, Yoon, Seo-Young, Lee, Jung- Kyu et al. (2020) Clinical implication and risk factor of pneumonia development in mild COVID-19 patients. The Korean journal of internal medicine	- Population: Acute Covid-19
Lennon, Jack C (2020) Neurologic and Immunologic Complications of COVID-19: Potential Long-Term Risk Factors for Alzheimer's Disease. Journal of Alzheimer's disease reports 4(1): 217-221	- Study design: Expert opinion
Leo, Fabian; Wormanns, Dag; Grohe, Christian (2020) [COVID-19: A Pneumological Point of View - Long-Term Sequelae of COVID-19 - Implications For Follow-up In Respiratory Medicine]. Deutsche medizinische Wochenschrift (1946) 145(15): 1086-1092	- Article not in English
Leo, Fabian; Wormanns, Dag; Grohé, Christian (2020) COVID-19 aus Sicht der Pneumologie Langzeitfolgen und Implikationen für die pneumologische Nachsorge. Dtsch Med Wochenschr 145(15): 1086-1092	- Article not in English

Study	Reason for exclusion
Leung, Tym, Chan, Ayl, Chan, E W et al. (2020) Short- and Potential Long-term Adverse Health Outcomes of COVID-19: A Rapid Review. Emerging microbes & infections: 1-19	- SARS/MERS Relevant timepoint outcomes based on SARS/MERS data
Levine, Andrew; Sacktor, Ned; Becker, James T (2020) Studying the neuropsychological sequelae of SARS-CoV-2: lessons learned from 35 years of neuroHIV research. Journal of neurovirology	No data to extractStudy aim: Pathophysiology/mechanisms
Lewis, Sarah, Blundell, Angela, Conway, Jane et al. (2020) A virtual respiratory clinic to support patients with Covid-19 after discharge. Nursing Times 116(8): 23-25	- Intervention: Rehabilitation on discharge
Li, Jianan (2020) Rehabilitation management of patients with COVID-19. Lessons learned from the first experiences in China. Eur J Phys Rehabil Med	- Intervention: Rehabilitation on discharge
Li, Jianan (2020) Rehabilitation management of patients with COVID-19: lessons learned from the first experience in China. European journal of physical and rehabilitation medicine 56(3): 335-338	- Duplicate
Li, Jingwen, Long, Xi, Zhu, Chunli et al. (2020) Olfactory Dysfunction in Recovered Coronavirus Disease 2019 (COVID-19) Patients. Movement Disorders: Official Journal of the Movement Disorder Society 35(7): 1100-1101	- Population: Acute Covid-19
Li, Zhengliang, Zheng, Chanjuan, Duan, Can et al. (2020) Rehabilitation needs of the first cohort of post-acute COVID-19 patients in Hubei, China. European journal of physical and rehabilitation medicine 56(3): 339-344	- Population: Acute Covid-19
Lim, S T, Janaway, B, Costello, H et al. (2020) Persistent Psychotic Symptoms following Covid- 19 Disease. BJPsych open: 1-11	- Duplicate- Study design: Case study (Prevalence)
Lim, Soon Tjin, Janaway, Benjamin, Costello, Harry et al. (2020) Persistent psychotic symptoms following COVID-19 infection. BJPsych open 6(5): e105	- Study design: Case study (Prevalence)
Lindholm, Espen and Tonnessen, Tor Inge (2020) Prolonged illness after COVID-19. Tidsskrift for den Norske laegeforening : tidsskrift for praktisk medicin, ny raekke 140(14)	- Article not in English
Liotta, E. M., Batra, A., Clark, J. R. et al. Frequent neurologic manifestations and encephalopathy-associated morbidity in Covid- 19 patients. Annals of Clinical and Translational Neurology	- Population: Acute Covid-19

Study	Reason for exclusion
Liu, B M, Yang, Q Q, Zhao, L Y et al. (2020) Epidemiological characteristics of COVID-19 patients in convalescence period. Epidemiology and infection 148: e108	- Population: Acute Covid-19
Liu, Chenbin, Ye, Ling, Xia, Ruike et al. (2020) Chest Computed Tomography and Clinical Follow-Up of Discharged Patients with COVID- 19 in Wenzhou City, Zhejiang, China. Annals of the American Thoracic Society 17(10): 1231- 1237	- Population: Acute Covid-19
Liu, Fang, Cai, Zhao-Bin, Huang, Jin-Song et al. (2020) Repeated COVID-19 relapse during post-discharge surveillance with viral shedding lasting for 67 days in a recovered patient infected with SARS-CoV-2. J. microbiol. immunol. infect	- Study design: Case study (Prevalence)
Liu, Kai, Zhang, Weitong, Yang, Yadong et al. (2020) Respiratory rehabilitation in elderly patients with COVID-19: A randomized controlled study. Complementary Therapies in Clinical Practice 39: 101166	- Population: Acute Covid-19
Liu, Kaiming, Pan, Mengxiong, Xiao, Zheman et al. (2020) Neurological manifestations of the coronavirus (SARS-CoV-2) pandemic 2019-2020. Journal of Neurology, Neurosurgery, and Psychiatry 91(6): 669-670	- Population: Acute Covid-19
Lo, Y. L. and Lo, Y. L. COVID-19, fatigue, and dysautonomia. Journal of Medical Virology	- Study design: Expert opinion
Lobzin, Yu.V.; Cherkashina, I.V.; Samoilova, I.G. (2020) Medical rehabilitation of children undergoing CoVID-19. Jurnal Infektologii 12(3): 64-74	- Article not in English
Lombardi, A, Consonni, D, Carugno, M et al. (2020) Characteristics of 1573 healthcare workers who underwent nasopharyngeal swab testing for SARS-CoV-2 in Milan, Lombardy, Italy. Clinical microbiology and infection: the official publication of the European Society of Clinical Microbiology and Infectious Diseases 26(10): 1413e9-1413e13	- Study aim: Utility of serology testing
Lovato, Andrea, Galletti, Cosimo, Galletti, Bruno et al. (2020) Clinical characteristics associated with persistent olfactory and taste alterations in COVID-19: A preliminary report on 121 patients. American Journal of Otolaryngology 41(5): 102548	- Study design: Case series (Prevalence)
Ma, Becky Mingyao, Hung, Ivan Fan Ngai, Chan, Gary Chi Wang et al. (2020) Case of	- Population: Acute Covid-19

Study	Reason for exclusion
"relapsing" COVID-19 in a kidney transplant recipient. Nephrology (Carlton, Vic.)	
Ma, Ke, Wang, Xin, Feng, Shiyao et al. (2020) From the perspective of Traditional Chinese Medicine: Treatment of mental disorders in COVID-19 survivors. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie 132: 110810	- Study design: Narrative review with no data
Madjid, Mohammad, Safavi-Naeini, Payam, Solomon, Scott D. et al. (2020) Potential Effects of Coronaviruses on the Cardiovascular System: A Review. JAMA cardiology 5(7): 831- 840	- Population: Acute Covid-19
Mahase, Elisabeth (2020) Covid-19: What do we know about "long covid"?. BMJ 370	- Study design: Expert opinion
Malsy, Jakob, Veletzky, Luzia, Heide, Janna et al. (2020) Sustained response after remdesivir and convalescent plasma therapy in a B-cell depleted patient with protracted COVID-19. Clinical infectious diseases: an official publication of the Infectious Diseases Society of America	- Population: Acute Covid-19
Mao, Ren, Qiu, Yun, He, Jin-Shen et al. (2020) Manifestations and prognosis of gastrointestinal and liver involvement in patients with COVID- 19: a systematic review and meta-analysis. The Lancet Gastroenterology & Hepatology 5(7): 667-678	- Population: Acute Covid-19
Mardani, M. (2020) Post COVID syndrome. Arch. Clin. Infect. Dis. 15(2): 1-2	- Study design: Expert opinion
Marshall, M. (2020) COVID-19'S LASTING MISERY. Nature 585(7825): 339-341	- Study design: Expert opinion
Marshall, Michael (2020) The lasting misery of coronavirus long-haulers. Nature 585(7825): 339-341	- Study design: Media article
Martyn, T., Hohman, J., Johnson, J. et al. (2020) In-hospital Functional Status Assessment (6-Clicks Score) Is Associated with Post-discharge Facility Use In Heart Failure Patients. Journal of Cardiac Failure 26(10): 118- s118	- Non-COVID related
Masic, Izet; Naser, Nabil; Zildzic, Muharem (2020) Public Health Aspects of COVID-19 Infection with Focus on Cardiovascular Diseases. Materia socio-medica 32(1): 71-76	- Population: Acute Covid-19
Masih, Mike; Moll, Sarah; Raza, Naila (2020) Paediatric case of prolonged COVID-19	- Study design: Case study (Prevalence)

Study	Reason for exclusion
manifesting as PMIS-TS and atypical Kawasaki. BMJ case reports 13(9)	
Massey, Ruth Post-acute COVID-19 associated with evidence of bystander T-cell activation and a recurring antibiotic-resistant bacterial pneumonia. medrxiv preprint	- Study aim: Pathophysiology/mechanisms
Masuccio, Fabio Giuseppe, Barra, Massimo, Claudio, Geda et al. (2020) A rare case of acute motor axonal neuropathy and myelitis related to SARS-CoV-2 infection. Journal of neurology	- Population: Acute Covid-19
McCarthy CP, Murphy S, Jones-O'Connor M, Olshan DS, Khambhati JR, Rehman S, Cadigan JB, Cui J, Meyerowitz EA, Philippides G, Friedman LS, Kadar AY, Hibbert K, Natarajan P, Massaro AF, Bohula EA, Morrow DA, Woolley AE, Januzzi JL, Wasfy JH (2020) Early clinical and sociodemographic experience with patients hospitalized with COVID-19 at a large American healthcare system. Eclinicalmedicine: 100504	- Population: Acute Covid-19
McMaster, University Rehabilitation for Patients with COVID-19.	Intervention: Inpatient rehabilitationIntervention: Rehabilitation on discharge
McNeary, Lennox; Maltser, Susan; Verduzco-Gutierrez, Monica (2020) Navigating Coronavirus Disease 2019 (Covid-19) in Physiatry: A CAN Report for Inpatient Rehabilitation Facilities. PM & R: the journal of injury, function, and rehabilitation 12(5): 512-515	- Population: Acute Covid-19
Menni, Cristina, Valdes, Ana M., Freidin, Maxim B. et al. (2020) Real-time tracking of self- reported symptoms to predict potential COVID- 19. Nature Medicine 26(7): 1037-1040	- Population: Acute Covid-19
Mestre-Gomez, B, Lorente-Ramos, R M, Rogado, J et al. (2020) Incidence of pulmonary embolism in non-critically ill COVID-19 patients. Predicting factors for a challenging diagnosis. Journal of thrombosis and thrombolysis	- Population: Acute Covid-19
Metzl, Jordan D, McElheny, Kathryn, Robinson, James N et al. (2020) Considerations for Return to Exercise Following Mild-to-Moderate COVID-19 in the Recreational Athlete. HSS journal: the musculoskeletal journal of Hospital for Special Surgery: 1-6	- Study design: Narrative review with no data
Millar JE, Neyton L, Seth S, Dunning J, Merson L, Murthy S, Russell CD, Keating S, Swets M, Sudre CH, Spector TD, Ourselin S, Steves CJ, Wolf J, Docherty AB, Harrison EM, Openshaw PJM, Semple MG, Baillie JK (2020) Robust,	- Population: Acute Covid-19

Study	Reason for exclusion
reproducible clinical patterns in hospitalised patients with COVID-19 (preprint). Medrxiv: 2020081420168088	
Mills, K., Sobukonla, T., Lee, M. et al. (2020) DECODING COVID-19: A NOVEL ROLE OF ANTITHROMBIN DEFICIENCY IN THE NOVEL CORONAVIRUS. Chest 158(4supplement): a517-a518	- Population: Acute Covid-19
Mitrani, Raul D; Dabas, Nitika; Goldberger, Jeffrey J (2020) COVID-19 cardiac injury: Implications for long-term surveillance and outcomes in survivors. Heart rhythm	- Study design: Narrative review with no data
Miyake, Esperanza and Martin, Sam (2020) Long Covid: quantitative and qualitative analyses of online Long Haulers' experiences, emotions and practices in the UK. medRxiv: 2020100120201699	- Qualitative studies: Separate search conducted by SIGN
Molteni, Erika, Astley Christina, M, Ma, Wenjie et al. SARS-CoV-2 (COVID-19) infection in pregnant women: characterization of symptoms and syndromes predictive of disease and severity through real-time, remote participatory epidemiology. medrxiv preprint	- Population: Acute Covid-19
Moore, Joanna L, Ganapathiraju, Pavan V, Kurtz, Caroline P et al. (2020) A 63-Year-Old Woman with a History of Non-Hodgkin Lymphoma with Persistent SARS-CoV-2 Infection Who Was Seronegative and Treated with Convalescent Plasma. The American journal of case reports 21: e927812	- Study design: Case study (Prevalence)
Morillo-Gonzalez, Jessenia, Hernandez-Huerta, Daniel, Guillama-Henriquez, Adislen et al. (2020) Beyond the Respiratory System: A Case Report Highlighting the Impact of COVID-19 in Mental Illness and Its Physical Consequences. The Journal of clinical psychiatry 81(4)	- Population: Acute Covid-19
Morone, G., Palomba, A., Iosa, M. et al. (2020) Incidence and Persistence of Viral Shedding in COVID-19 Post-acute Patients With Negativized Pharyngeal Swab: A Systematic Review. Frontiers in Medicine 7	- Study aim: Pathophysiology/mechanisms
Mowla, Ashkan, Shakibajahromi, Banafsheh, Shahjouei, Shima et al. (2020) Cerebral venous sinus thrombosis associated with SARS-CoV-2; a multinational case series. Journal of the neurological sciences 419: 117183	- Population: Acute Covid-19
Msigwa, Samwel Sylvester, Wang, Yamei, Li, Yan et al. (2020) The neurological insights of the emerging coronaviruses. Journal of clinical	- Study aim: Pathophysiology/mechanisms

Study	Reason for exclusion
neuroscience : official journal of the Neurosurgical Society of Australasia 78: 1-7	
Mukaino, M., Tatemoto, T., Kumazawa, N. et al. (2020) Staying Active in Isolation: Telerehabilitation for Individuals With the Severe Acute Respiratory Syndrome Coronavirus 2 Infection. American Journal of Physical Medicine & Rehabilitation 99(6): 478- 479	- Population: Acute Covid-19
Mukherjee, Mohor (2020) My tête-à-tête with COVID! A Patient's Perspective. The Physician 6(2): 1-2	- Study design: Expert opinion
Munoz, P, Galar, A, Catalan, P et al. (2020) The first 100 cases of COVID-19 in a Hospital in Madrid with a 2-month follow-up. Revista espanola de quimioterapia : publicacion oficial de la Sociedad Espanola de Quimioterapia 33(5): 369-378	- Population: Acute Covid-19 No follow up data reported other than number of survivors
Munro, Kevin J., Uus, Kai, Almufarrij, Ibrahim et al. (2020) Persistent self-reported changes in hearing and tinnitus in post-hospitalisation COVID-19 cases. International Journal of Audiology: 1-2	- Study design: Case series (Prevalence)
Munteanu, Constantin, PĂUn, Diana-Loreta, ȘUȚĂ, Alina-Maria, Florescu et al. (2020) Diabetes mellitus and COVID-19 in the post-acute phase patients - possible links with physical and rehabilitation medicine and balneotherapy. Balneo Research Journal 11(3): 350-367	- Intervention: Not for Post COVID-19 Syndrome
Murray, Alice; Gerada, Clare; April 2020, Jackie Morris8 We need a Nightingale model for rehab after covid-19. Health Service Journal	- Study design: Expert opinion
Nabavi, Nikki (2020) Long covid: How to define it and how to manage it. BMJ (Clinical research ed.) 370: m3489	- Study design: Expert opinion
Najjar, Souhel, Najjar, Amanda, Chong, Derek J et al. (2020) Central nervous system complications associated with SARS-CoV-2 infection: integrative concepts of pathophysiology and case reports. Journal of neuroinflammation 17(1): 231	- Population: Acute Covid-19
Nakayama A, Takayama N, Kobayashi M et al. (2020) Remote cardiac rehabilitation is a good alternative of outpatient cardiac rehabilitation in the COVID-19 era. Environmental health and preventive medicine 25(1): 48	- Intervention: Rehabilitation on discharge

Study	Reason for exclusion
Nami, M., Gadad, B.S., Chong, L. et al. (2020) The interrelation of neurological and psychological symptoms of COVID-19: Risks and remedies. Journal of Clinical Medicine 9(8): 1-12	- Study aim: Pathophysiology/mechanisms
Nau, J. Y. (2020) COVID-19: What do we know today about its various sequelae?. Revue Medicale Suisse 16(701): 1466-1467	- Article not in English
Nazari, Shahrzad, Jafari Amirhossein, Azari, Mirmoeeni, Seyyedmohammadsadeq et al. Central Nervous System Manifestations in COVID-19 Patients: A Systematic Review and Meta-analysis. medrxiv preprint	- Population: Acute Covid-19
Negrini, F., Ferrario, I., Mazziotti, D. et al. (2020) Neuropsychological features of severe hospitalized COVID-19 patients at clinical stability and clues for post-acute rehabilitation. Archives of physical medicine and rehabilitation	- Study design: Case series (Prevalence)
Negrini, Francesco, De Sire, Alessandro, Andrenelli, Elisa et al. (2020) Rehabilitation and COVID-19: the Cochrane Rehabilitation 2020 rapid living systematic review. Update as of July 31st, 2020. European journal of physical and rehabilitation medicine	- Cochrane rapid living review previous update
New South Wales, Government (2020) Evidence check: Medium- and long-term health sequelae of COVID-19.	- Supporting evidence
Ng, Sze May (2020) Prolonged dermatological manifestation 4 weeks following recovery of COVID-19 in a child. BMJ case reports 13(8)	- Study design: Case study (Prevalence)
Novak, Natalijia, Peng, Wenming, Naegeli, Mirjam C. et al. SARS-CoV-2, COVID-19, skin and immunology – What do we know so far?. Allergy na(na)	- Population: Acute Covid-19
Novak, Peter (2020) Post COVID-19 syndrome associated with orthostatic cerebral hypoperfusion syndrome, small fiber neuropathy and benefit of immunotherapy: a case report. eNeurologicalSci 21: 100276	- Study design: Case study (Prevalence)
O'Keefe, James B., Tong, Elizabeth J., O'Keefe, Ghazala A. Datoo et al. (2020) Predictors of disease duration and symptom course of outpatients with acute covid-19: a retrospective cohort study. medRxiv: 2020060520123471	- Population: Acute Covid-19
Odonkor, Charles A., Sholas, Maurice G., Verduzco-Gutierrez, Monica et al. (2020) African American Patient Disparities in COVID- 19 Outcomes: A Call to Action for Physiatrists to	- Population: Acute Covid-19

Study	Reason for exclusion
Provide Rehabilitation Care to Black Survivors. American Journal of Physical Medicine & Rehabilitation 99(11): 986-987	
Ogier, Michael, Andeol, Guillaume, Sagui, Emmanuel et al. (2020) How to detect and track chronic neurologic sequelae of COVID-19? Use of auditory brainstem responses and neuroimaging for long-term patient follow-up. Brain, behavior, & immunity - health 5: 100081	- Study design: Narrative review with no data Partially covers identifying patients in acute stage at risk of long term effects but no data for this.
Ojo, Ademola S., Balogun, Simon A., Williams, Oyeronke T. et al. (2020) Pulmonary Fibrosis in COVID-19 Survivors: Predictive Factors and Risk Reduction Strategies. Pulmonary Medicine 2020	- Study design: Narrative review with no data
Olufadewa, Isaac Iyinoluwa, Adesina, Miracle Ayomikun, Oladokun, Blessing et al. (2020) "I Was Scared I Might Die Alone": A Qualitative Study on the Physiological and Psychological Experience of COVID-19 Survivors and the Quality of Care Received at Health Facilities. International Journal of Travel Medicine & Global Health 8(2): 51-57	- Qualitative studies: Separate search conducted by SIGN
Ordas, Carlos M, Villacieros-Alvarez, Javier, Pastor-Vivas, Ana-Isabel et al. (2020) Concurrent tonic pupil and trochlear nerve palsy in COVID-19. Journal of neurovirology	- Population: Acute Covid-19
Otte, Martin Sylvester, Eckel, Hans Nikolaus Caspar, Poluschkin, Leonard et al. (2020) Olfactory dysfunction in patients after recovering from COVID-19. Acta oto-laryngologica: 1-4	- Study design: Case series (Prevalence)
Otte, MS; Klussmann, JP; Luers, JC (2020) Persisting olfactory dysfunction in patients after recovering from COVID-19. Journal of Infection 81(3): e58	- Study design: Case series (Prevalence)
Padda, Inderbir, Khehra, Nimrat, Jaferi, Urooj et al. (2020) The Neurological Complexities and Prognosis of COVID-19. SN comprehensive clinical medicine: 1-12	- Population: Acute Covid-19
Pallanti, Stefano, Grassi, Eleonora, Makris, Nikos et al. (2020) Neurocovid-19: A clinical neuroscience-based approach to reduce SARS-CoV-2 related mental health sequelae. Journal of Psychiatric Research 130: 215-217	- SARS/MERS
Panda, Prateek Kumar, Sharawat, Indar Kumar, Panda, Pragnya et al. (2020) Neurological Complications of SARS-CoV-2 Infection in Children: A Systematic Review and Meta-Analysis. Journal of tropical pediatrics	- Population: Acute Covid-19

Study	Reason for exclusion
Pantelis, Christos, Jayaram, Mahesh, Hannan, Anthony J et al. (2020) Neurological, neuropsychiatric and neurodevelopmental complications of COVID-19. The Australian and New Zealand journal of psychiatry: 4867420961472	- Population: Acute Covid-19
Paolo, Gamba (2020) Does COVID-19 cause permanent damage to olfactory and gustatory function?. Medical Hypotheses 143: npag-npag	- Population: Acute Covid-19
Park, Se Yoon, Yun, Soon Gyu, Shin, Jeong Won et al. (2020) Persistent severe acute respiratory syndrome coronavirus 2 detection after resolution of coronavirus disease 2019-associated symptoms/signs. The Korean journal of internal medicine 35(4): 793-796	- Population: Acute Covid-19
Patel, D.J. and Patel, V. (2020) A review of the current state of management and post-recovery rehabilitation of covid-19. Critical Reviews in Physical and Rehabilitation Medicine 32(2): 97-109	- Study design: Narrative review with no data
Patell, Rushad, Bogue, Thomas, Koshy, Anita et al. (2020) Postdischarge thrombosis and hemorrhage in patients with COVID-19. Blood 136(11): 1342-1346	- Study design: Case series (Prevalence)
Paterson, Ruth (2020) Long-term effects of COVID-19: impact on prescribing practice. Journal of Prescribing Practice 2(6): 274-275	Study design: Expert opinionStudy aim: Impact of pandemic on services
Paybast, Sepideh; Gorji, Reza; Mavandadi, Shirin (2020) Guillain-Barre Syndrome as a Neurological Complication of Novel COVID-19 Infection: A Case Report and Review of the Literature. The neurologist 25(4): 101-103	- Population: Acute Covid-19
Perego, Elisa, Callard, Felicity, Stras, Laurie et al. (2020) Why the Patient-Made Term 'Long Covid' is needed. Wellcome Open Research 5: 224	- Study aim: Case definition
Perez, Carlos A (2020) Looking ahead: The risk of neurologic complications due to COVID-19. Neurology. Clinical practice 10(4): 371-374	- Study design: Expert opinion
Perrin, Ray, Riste, Lisa, Hann, Mark et al. (2020) Into the looking glass: Post-viral syndrome post COVID-19. Medical Hypotheses 144: 110055	- Study design: Case study (Prevalence)
Piazza, G., Campia, U., Hurwitz, S. et al. (2020) Registry of Arterial and Venous Thromboembolic Complications in Patients With COVID-19. Journal of the American College of Cardiology 76(18): 2060-2072	- Population: Acute Covid-19

Study	Reason for exclusion
Pincherle, A., Johr, J., Pancini, L. et al. (2020) Intensive Care Admission and Early Neuro- Rehabilitation. Lessons for COVID-19?. Frontiers in Neurology 11: 880	- Intervention: Rehabilitation on discharge
Poots, David and McGill, Fiona (2020) Covid- 19's 'long tail' for recovery may challenge OH. Occupational Health & Wellbeing 72(8): 9-9	- Study design: Expert opinion
Poyiadji, Neo, Shahin, Gassan, Noujaim, Daniel et al. (2020) COVID-19-associated Acute Hemorrhagic Necrotizing Encephalopathy: Imaging Features. Radiology 296(2): e119-e120	- Population: Acute Covid-19
Prakash, Anupam (2020) COVID-19 - An Acute Infective Illness with Long-term Consequences!. The Journal of the Association of Physicians of India 68(9): 11-12	- Study design: Expert opinion
Prasad, Ashoka Jahnavi (2020) Need to Brace Ourselves for Major Mental Health Issues Post COVID-19 Pandemic. Indian Practitioner 73(4): 53-58	- Study design: Expert opinion
Prescott, Hallie C. and Girard, Timothy D. (2020) Recovery From Severe COVID-19: Leveraging the Lessons of Survival From Sepsis. JAMA: Journal of the American Medical Association 324(8): 739-740	- Non-COVID related
Puntmann, Valentina O, Carerj, M Ludovica, Wieters, Imke et al. (2020) Outcomes of Cardiovascular Magnetic Resonance Imaging in Patients Recently Recovered From Coronavirus Disease 2019 (COVID-19). JAMA cardiology	- Population: Not COVID specific End organ damage following different pathway
Qi, Rongfeng, Chen, Wei, Liu, Saiduo et al. (2020) Psychological morbidities and fatigue in patients with confirmed COVID-19 during disease outbreak: prevalence and associated biopsychosocial risk factors. medRxiv: 2020050820031666	- Population: Acute Covid-19
Rabinovitz, Beth; Jaywant, Abhishek; Fridman, Chaya B (2020) Neuropsychological functioning in severe acute respiratory disorders caused by the coronavirus: Implications for the current COVID-19 pandemic. The Clinical neuropsychologist 34(78): 1453-1479	- Post-intensive care syndrome
Radmanesh A, Raz E, Zan E, Derman A, Kaminetzky M (2020) Brain Imaging Use and Findings in COVID-19: a Single Academic Center Experience in the Epicenter of Disease in the United States. AJNR. American journal of neuroradiology	- Population: Acute Covid-19

Study	Reason for exclusion
Rahman Md, Mokhlesur, Ali G. G. Md., Nawaz, Li Xue, Jun et al. Twitter and Census Data Analytics to Explore Socioeconomic Factors for Post-COVID-19 Reopening Sentiment. medrxiv preprint	- Study aim: Reopening the economy
Ramalingam, Mothi Babu; Huang, Youyi; Lim, Peter A C (2020) Rehabilitation of Post-ICU Patient after Severe Covid-19 Pneumonia - A Case Report. American journal of physical medicine & rehabilitation	- Intervention: Inpatient rehabilitation
Rauh, Alicia L and Linder, Jeffrey A (2020) Covid-19 care before, during, and beyond the hospital. BMJ 369: m2035-m2035	- Study design: Expert opinion
Razeghian-Jahromi, I., Elyaspour, Z., Daneshvar, Z. et al. (2020) COVID-19 and myocardium. International Cardiovascular Research Journal 14(3): 79-83	- Study aim: Pathophysiology/mechanisms
Renaud-Picard, Benjamin, Gallais, Floriane, Ohana, Mickael et al. (2020) Bilateral Acute Cardioembolic Limb Ischemia After Coronavirus Disease 2019 Pneumonia in a Lung Transplant Recipient: A Case Report. Transplantation proceedings	- Population: Acute Covid-19
Richard E, Field, Irrum, Afzal, John, Dixon et al. (2020) Cohort profile: Preliminary experience of 500 COVID-19 postive cases at a South West London District General Hospital. medRxiv	- Population: Acute Covid-19
Rimmer, Abi (2020) Covid-19: Impact of long term symptoms will be profound, warns BMA. BMJ (Clinical research ed.) 370: m3218	- Study design: Media article
Riphagen, Shelley (2020) Understanding Covid and the associated post-infectious hyper-inflammatory state (PIMS-TS) in children. Med Hypotheses 144: 110029-110029	- Study aim: Pathophysiology/mechanisms
Riva, Nilo, Russo, Tommaso, Falzone, Yuri Matteo et al. (2020) Post-infectious Guillain- Barré syndrome related to SARS-CoV-2 infection: a case report. J Neurol 267(9): 2492- 2494	- Study design: Case study (Prevalence)
Roberts, Lara N, Whyte, Martin B, Georgiou, Loizos et al. (2020) Postdischarge venous thromboembolism following hospital admission with COVID-19. Blood 136(11): 1347-1350	- Population: Not COVID specific Focus on VTE covered by VTE guideline
Rogers, J.P., Chesney, E., Oliver, D. et al. (2020) Psychiatric and neuropsychiatric presentations associated with severe coronavirus infections: a systematic review and	- Duplicate

Study	Reason for exclusion
meta-analysis with comparison to the COVID-19 pandemic. The Lancet Psychiatry 7(7): 611-627	
Rogers, Jonathan P, Chesney, Edward, Oliver, Dominic et al. (2020) Psychiatric and neuropsychiatric presentations associated with severe coronavirus infections: a systematic review and meta-analysis with comparison to the COVID-19 pandemic. The Lancet Psychiatry 7(7): 611-627	- Population: Acute Covid-19
Romoli, M, Jelcic, I, Bernard-Valnet, R et al. (2020) A systematic review of neurological manifestations of SARS-CoV-2 infection: the devil is hidden in the details. European journal of neurology	- Population: Acute Covid-19
Ronconi, G., Ferrara, P.E., Codazza, S. et al. (2020) Is the rehabilitation ready for COVID-19 patients' care?. Minerva medica	- Study design: Expert opinion
Rooney, Scott; Webster, Amy; Paul, Lorna (2020) Systematic Review of Changes and Recovery in Physical Function and Fitness After Severe Acute Respiratory Syndrome-Related Coronavirus Infection: Implications for COVID-19 Rehabilitation. Physical therapy	- Population: SARS/MERS
Ros-Castelló, Victoria, Quereda, Carmen, López-Sendón, José et al. (2020) Post-hypoxic myoclonus after COVID-19 infection recovery. Movement Disorders Clinical Practice	- Study design: Case study (Prevalence)
Roth, C., Berat, N., Schnider, A. et al. (2020) Feedback on post COVID-19 rehabilitation. Revue Medicale Suisse 16(703): 1507-1510	- Article not in English
Rubin, Rita (2020) As Their Numbers Grow, COVID-19 "Long Haulers" Stump Experts. JAMA: Journal of the American Medical Association 324(14): 1381-1383	- Study design: Expert opinion
Rudski L, Januzzi JL, Rigolin VH, Bohula EA, Blankstein R, Patel AR, Bucciarelli-Ducci C, Vorovich E, Mukherjee M, Rao SV, Beanlands R, Villines TC, Di Carli MF (2020) Multimodality Imaging in Evaluation of Cardiovascular complications in Patients with COVID-19. Journal of the American College of Cardiology	- Study aim: Pathophysiology/mechanisms
Ryan, Chaneesa; Sabourin, Hollie; Ali, Abrar (2020) Applying an Indigenous and gender-based lens to the exploration of public health and human rights implications of COVID-19 in Canadian correctional facilities. Canadian journal of public health = Revue canadienne de sante publique	- Study design: Expert opinion

Study	Reason for exclusion
Salehi, Sana; Reddy, Sravanthi; Gholamrezanezhad, Ali (2020) Long-term Pulmonary Consequences of Coronavirus Disease 2019 (COVID-19): What We Know and What to Expect. Journal of Thoracic Imaging 35(4): w87	- Population: Not COVID specific
Sally J, Singh, Amy C, Barradell, Neil J, Greening et al. (2020) The British Thoracic Society survey of rehabilitation to support recovery of the Post Covid -19 population. medRxiv	- Population: Acute Covid-19 - Intervention: Rehabilitation on discharge
Sawlani V, Scotton S, Nader K, Jen JP, Patel M, Gokani K, Denno P, Thaller M, Englezou C, Janjua U, Bowen M, Hoskote C, Veenith T, Hassan-Smith G, Jacob S (2020) COVID-19-related intracranial imaging findings: a large single-centre experience. Clinical radiology	- Population: Acute Covid-19
Schellekens, Mijntje M. I., Bleeker-Rovers, Chantal P., Keurlings, Pim A. J. et al. (2020) Reversible myoclonus-ataxia as a postinfectious manifestation of COVID-19. Movement Disorders Clinical Practice na(na)	- Study design: Case study (Prevalence)
Schirinzi, Tommaso; Landi, Doriana; Liguori, Claudio (2020) COVID-19: dealing with a potential risk factor for chronic neurological disorders. Journal of neurology	- Population: Acute Covid-19
Scoppettuolo, P.; Borrelli, S.; Naeije, G. (2020) Neurological involvement in SARS-CoV-2 infection: A clinical systematic review. Brain, Behavior, and Immunity - Health 5: 100094	- Population: Acute Covid-19
Serrano-Castro, P J, Estivill-Torrus, G, Cabezudo-Garcia, P et al. (2020) Impact of SARS-CoV-2 infection on neurodegenerative and neuropsychiatric diseases: a delayed pandemic?. Neurologia (Barcelona, Spain) 35(4): 245-251	- Article not in English
Shah, Akshay, Donovan, Killian, McHugh, Anna et al. (2020) Thrombotic and haemorrhagic complications in critically ill patients with COVID-19: a multicentre observational study. Critical care (London, England) 24(1): 561	- Population: Acute Covid-19
Shah, Sachin J, Barish, Peter N, Prasad, Priya A et al. (2020) Clinical features, diagnostics, and outcomes of patients presenting with acute respiratory illness: A retrospective cohort study of patients with and without COVID-19. EClinicalMedicine: 100518	- Population: Acute Covid-19

Study	Reason for exclusion
Shan, Mia X, Tran, Yen M, Vu, Kim T et al. (2020) Postacute inpatient rehabilitation for COVID-19. BMJ case reports 13(8)	- Intervention: Inpatient rehabilitation
Sharifian-Dorche, Maryam, Huot, Philippe, Osherov, Michael et al. (2020) Neurological complications of coronavirus infection; a comparative review and lessons learned during the COVID-19 pandemic. Journal of the neurological sciences 417: 117085	- Population: SARS/MERS
Shaw, Brian; Daskareh, Mahyar; Gholamrezanezhad, Ali (2020) The lingering manifestations of COVID-19 during and after convalescence: update on long-term pulmonary consequences of coronavirus disease 2019 (COVID-19). La Radiologia medica	- Population: Acute Covid-19
Sheehy, Lisa Mary (2020) Considerations for Postacute Rehabilitation for Survivors of COVID-19. JMIR public health and surveillance 6(2): e19462	- Intervention: Rehabilitation on discharge
Shoar, Saeed, Khavandi, Siamak, Tabibzadeh, Elsa et al. (2020) A Late COVID-19 Complication: Male Sexual Dysfunction. Prehospital and disaster medicine: 1-2	- Population: Acute Covid-19
Simpson, Robert and Robinson, Larry (2020) Rehabilitation After Critical Illness in People With COVID-19 Infection. American journal of physical medicine & rehabilitation 99(6): 470- 474	- Data: Extrapolation from ARDS data- Intervention: Rehabilitation on discharge
Sinanovic, Osman; Muftic, Mirsad; Sinanovic, Selma (2020) COVID-19 Pandemia: Neuropsychiatric Comorbidity and Consequences. Psychiatria Danubina 32(2): 236-244	- Population: Acute Covid-19
Singh, Anurag Kumar, Bhushan, Bharat, Maurya, Anand et al. (2020) Novel coronavirus disease 2019 (COVID-19) and neurodegenerative disorders. Dermatologic therapy: e13591	- Population: Acute Covid-19
Sivan, Manoj; Halpin, Stephen; Gee, Jeremy Assessing long-term rehabilitation needs in COVID-19 survivors using a telephone screening tool (C19-YRS tool) - ACNR Paper & Online Neurology Journal ACNR Paper & Online Neurology Journal. Advances in Clinical Neuroscience and Rehabilitation 19(4): 14-17	- Duplicate
Smith, James M, Lee, Alan C, Zeleznik, Hallie et al. (2020) Home and Community-Based Physical Therapist Management of Adults With	- Post-intensive care syndrome

Study	Reason for exclusion
Post–Intensive Care Syndrome. Physical Therapy 100(7): 1062-1073	
Sohn L, Lysaght M, Schwartzman WA, Simon SR, Goetz MB, Yoshikawa T (2020) Establishment of a COVID-19 Recovery Unit in a Veteran Affairs (VA) Post-Acute Facility. Journal of the American Geriatrics Society	- Population: Acute Covid-19
Sohn, Linda, Lysaght, Marcia, Schwartzman, William A et al. (2020) Establishment of a COVID-19 Recovery Unit in a Veterans Affairs Post-Acute Facility. J. am. geriatr. soc	- Duplicate
Somasundaram, Noel Pratheepan, Ranathunga, Ishara, Ratnasamy, Vithiya et al. (2020) The Impact of SARS-Cov-2 Virus Infection on the Endocrine System. Journal of the Endocrine Society 4(8): bvaa082	- Population: SARS/MERS
Sommer, Iris E and Bakker, P. Roberto (2020) What can psychiatrists learn from SARS and MERS outbreaks?. The Lancet Psychiatry 7(7): 565-566	- Study design: Expert opinion
Sperotto, Francesca, Friedman, Kevin G, Son, Mary Beth F et al. (2020) Cardiac manifestations in SARS-CoV-2-associated multisystem inflammatory syndrome in children: a comprehensive review and proposed clinical approach. European journal of pediatrics	- Population: Not COVID specific PIMS is a separate population with separate pathway
Spruit, M.A., Holland, A.E., Singh, S.J. et al. (2020) COVID-19: Interim Guidance on Rehabilitation in the Hospital and Post-Hospital Phase from a European Respiratory Society and American Thoracic Society-coordinated International Task Force. The European respiratory journal	- Supporting evidence
Sreenivasan, Jayakumar and Khan, Muhammed (2020) Cardiovascular Risk Factors and Complications in Patients Infected with COVID-19: A Systematic Review by Jayakumar Sreenivasan, Muhammad Shahzeb Khan, Stefan D. Anker, Risheek Kaul, Safi U Khan, Marco Metra, Michele Senni, Howard A. Cooper, Yuhui Zhang, Jian Zhang, Gregg C. Fonarow, Javed Butler:: SSRN. SSRN	- Population: Acute Covid-19
Steardo, Luca Jr; Steardo, Luca; Verkhratsky, Alexei (2020) Psychiatric face of COVID-19. Translational psychiatry 10(1): 261	- Study aim: Pathophysiology/mechanisms
Stierli, Sarah, Buss, Irene, Redecker, Hermann et al. (2020) Insights from an interprofessional post-COVID-19 rehabilitation unit: A speech and language therapy and respiratory medicine	- Population: Acute Covid-19- Intervention: Rehabilitation on discharge

Study	Reason for exclusion
perspective. Journal of rehabilitation medicine 52(9): jrm00100	
Sweeney, Nicola, Merrick, Blair, Pickering, Suzanne et al. Clinical utility of targeted SARS-CoV-2 serology testing to aid the diagnosis and management of suspected missed, late or post-COVID-19 infection syndromes: results from a pilot service. medrxiv preprint	- Study aim: Utility of serology testing
Sweid, A, Hammoud, B, Bekelis, K et al. (2020) EXPRESS: Brain ischemic and hemorrhagic complications of COVID-19. International journal of stroke: official journal of the International Stroke Society 15(7): 1747493020937189	- Population: Acute Covid-19
Sweid, Ahmad, Hammoud, Batoul, Bekelis, Kimon et al. (2020) Cerebral ischemic and hemorrhagic complications of coronavirus disease 2019. Int J Stroke 15(7): 733-742	- Population: Acute Covid-19
SWIFT, DIANA (2020) Lingering impact: COVID-19 symptoms can persist for weeks. Chest Physician 15(8): 1-9	- Study design: Expert opinion
Sy, Karla Therese L; Haw, Nel Jason L; Uy, Jhanna (2020) Previous and active tuberculosis increases risk of death and prolongs recovery in patients with COVID-19. Infectious diseases (London, England) 52(12): 902-907	- Population: Not COVID specific
Tadolini, Marina, Codecasa, Luigi Ruffo, García-García, José-María et al. (2020) Active tuberculosis, sequelae and COVID-19 co-infection: first cohort of 49 cases. Eur. respir. j 56(1)	- Population: Acute Covid-19
Taherifard, Ehsan and Taherifard, Erfan (2020) Neurological complications of COVID-19: a systematic review. Neurological research: 1-8	- Population: Acute Covid-19
Tale, Sudheer, Ghosh, Soumitra, Meitei, Soibam Pahel et al. (2020) Post COVID -19 Pneumonia Pulmonary Fibrosis. QJM : monthly journal of the Association of Physicians	- Population: Acute Covid-19 Also end organ damage out of scope
Tan, Geak Poh, Ho, Sharlene, Fan, Bingwen Eugene et al. (2020) Reversible platypnea- orthodeoxia in COVID-19 acute respiratory distress syndrome survivors. Respiratory Physiology & Neurobiology 282: 103515	- Population: Acute Covid-19
Tay, S.S., Neo, E.J., Tan, M.M. et al. (2020) Post-Critical Care COVID-19 Patient Benefits from a Robotic Patient-Guided Suspension System for Pulmonary Rehabilitation. Annals of the Academy of Medicine, Singapore 49(6): 401-404	- Intervention: Rehabilitation on discharge

Reason for exclusion
- Population: Acute Covid-19 2-3 weeks post test
- Article not in English
- Population: Acute Covid-19
- Study design: Expert opinion
- Study design: Expert opinion
- Population: Not COVID specific
- Population: Acute Covid-19
- Study design: Expert opinion
- Population: Acute Covid-19
- Journal article correction
- Population: Acute Covid-19
- Study design: Case series (Prevalence)

Study	Reason for exclusion
CoV-2 infection is common and independent of severity of initial infection. medRxiv: 2020072920164293	
Troyer, Emily A.; Kohn, Jordan N.; Hong, Suzi (2020) Are we facing a crashing wave of neuropsychiatric sequelae of COVID-19? Neuropsychiatric symptoms and potential immunologic mechanisms. Brain, Behavior, and Immunity 87: 34-39	- Data: Symptoms not linked to timepoints
Tsai, ST., Lu, MK., San, S. et al. (2020) The Neurologic Manifestations of Coronavirus Disease 2019 Pandemic: A Systemic Review. Frontiers in Neurology 11: 498	- Population: Acute Covid-19
Tur, B.S. and Evcik, D. (2020) Is Physical Medicine and Rehabilitation needed much more for COVID-19 pandemic?. Turkish Journal of Physical Medicine and Rehabilitation 66(2): 101-103	- Population: Acute Covid-19
Tveito, Kari (2020) #longcovid. Tidsskrift for den Norske laegeforening : tidsskrift for praktisk medicin, ny raekke 140(14)	- Article not in English
Uddin, T and Rahman, M A (2020) COVID 19: Importance of Physical Rehabilitation Medicine Capacity Building. Mymensingh medical journal : MMJ 29(3): 496-497	- Article unavailable
Vadukul, Prakash; Sharma, Deepak S; Vincent, Paul (2020) Massive pulmonary embolism following recovery from COVID-19 infection: inflammation, thrombosis and the role of extended thromboprophylaxis. BMJ case reports 13(9)	- Population: Acute Covid-19
Vaira, Luigi Angelo, Hopkins, Claire, Salzano, Giovanni et al. (2020) Olfactory and gustatory function impairment in COVID-19 patients: Italian objective multicenter-study. Head & neck 42(7): 1560-1569	- Population: Acute Covid-19
Valiuddin, Hisham; Skwirsk, Brandon; Paz- Arabo, Patricia (2020) Acute transverse myelitis associated with SARS-CoV-2: A Case-Report. Brain, behavior, & immunity - health 5: 100091	- Population: Acute Covid-19
van de Kraats, G. and van Veen, S. (2020) Neuropsychiatric sequelae of the COVID-19 pandemic. Tijdschrift voor Psychiatrie 62(6): 496	- Article not in English
Varatharaj, Aravinthan, Thomas, Naomi, Ellul, Mark A et al. (2020) Neurological and neuropsychiatric complications of COVID-19 in 153 patients: a UK-wide surveillance study. The lancet. Psychiatry 7(10): 875-882	- Population: Acute Covid-19

Study	Reason for exclusion
Veenstra J, Buechler CR, Robinson G, Chapman S, Adelman M, Tisack A, Dimitrion P, Todter E, Kohen L, Lim HW (2020) Antecedent Immunosuppressive Therapy for Immune- Mediated Inflammatory Diseases in the Setting of a COVID-19 Outbreak. Journal of the American Academy of Dermatology	- Study aim: COVID-19 risk
Vergara, J., Skoretz, S.A., Brodsky, M.B. et al. (2020) Assessment, Diagnosis, and Treatment of Dysphagia in Patients Infected With SARS-CoV-2: A Review of the Literature and International Guidelines. American journal of speech-language pathology: 1-12	- Population: Acute Covid-19
Vindegaard, Nina and Benros, Michael Eriksen (2020) COVID-19 pandemic and mental health consequences: Systematic review of the current evidence. Brain, behavior, and immunity 89: 531-542	- Data: Symptoms not linked to timepoints
Vitacca M, Migliori GB, Spanevello A, Melazzini MG, Ambrosino N (2020) Management and outcomes of post-acute COVID-19 patients in Northern Italy. European journal of internal medicine	- Population: Acute Covid-19
Vitale, Jacopo Antonino, Perazzo, Paolo, Silingardi, Marina et al. (2020) Is disruption of sleep quality a consequence of severe Covid-19 infection? A case-series examination. Chronobiology international 37(7): 1110-1114	- Population: Acute Covid-19
Vitti-Ruela, Bárbara Virginia, Dokkedal-Silva, Vinícius, Rosa, Daniela Santoro et al. (2020) Possible sequelae in post-SARS-CoV-2 patients: effects on sleep and general health condition. Sleep breath	- Study design: Expert opinion
Wade, Derick T (2020) Rehabilitation after COVID-19: an evidence-based approach. Clinical medicine (London, England) 20(4): 359-365	- Study design: Expert opinion
Waltuch, Temima, Gill, Prakriti, Zinns, Lauren E et al. (2020) Features of COVID-19 post-infectious cytokine release syndrome in children presenting to the emergency department. The American journal of emergency medicine	- Study design: Case study (Prevalence)
Wang, Lang, He, Wenbo, Yu, Xiaomei et al. (2020) Coronavirus disease 2019 in elderly patients: Characteristics and prognostic factors based on 4-week follow-up. The Journal of Infection 80(6): 639-645	- Population: Acute Covid-19- Intervention: Inpatient rehabilitation
Wang, Mengmei, Zhao, Yang, Hu, Weihua et al. (2020) Treatment of COVID-19 Patients with	- Population: Acute Covid-19

Study	Reason for exclusion
Prolonged Post-Symptomatic Viral Shedding with Leflunomide a Single-Center, Randomized, Controlled Clinical Trial. Clinical infectious diseases: an official publication of the Infectious Diseases Society of America	
Wang, Tina J., Chau, Brian, Lui, Mickey et al. (2020) Physical Medicine and Rehabilitation and Pulmonary Rehabilitation for COVID-19. American Journal of Physical Medicine & Rehabilitation 99(9): 769-774	- Population: Acute Covid-19
Wang, WD., Wu, Y., Zhao, Y. et al. (2005) Analysis of symptom check list scores of 103 patients with severe acute respiratory syndrome in recovery stage. Chinese Journal of Clinical Rehabilitation 9(8): 222-225	- Population: SARS/MERS
Wang, X, Xu, H, Jiang, H et al. (2020) Clinical features and outcomes of discharged coronavirus disease 2019 patients: a prospective cohort study. QJM: monthly journal of the Association of Physicians 113(9): 657-665	- Population: Acute Covid-19
Webb, Silas, Wallace, Victoria Cj, Martin-Lopez, David et al. (2020) Guillain-Barre syndrome following COVID-19: a newly emerging post-infectious complication. BMJ case reports 13(6)	- Population: Acute Covid-19
Wei, Bo, Hang, Xiaofeng, Xie, Ying et al. (2020) Long-term positive severe acute respiratory syndrome coronavirus 2 ribonucleic acid and therapeutic effect of antivirals in patients with coronavirus disease: Case reports. Revista da Sociedade Brasileira de Medicina Tropical 53: e20200372	- Population: Acute Covid-19
Wenting, Angela, Gruters, Angelique, van Os, Yindee et al. (2020) COVID-19 Neurological Manifestations and Underlying Mechanisms: A Scoping Review. Frontiers in psychiatry 11: 860	- Population: Acute Covid-19
Whitcroft, Katherine Lisa and Hummel, Thomas (2020) Olfactory Dysfunction in COVID-19: Diagnosis and Management. JAMA 323(24): 2512	- Study design: Narrative review with no data
Whittaker, Abigail; Anson, Matthew; Harky, Amer (2020) Neurological Manifestations of COVID-19: A systematic review and current update. Acta Neurologica Scandinavica 142(1): 14-22	- Population: Acute Covid-19
Wijaya, Indra; Andhika, Rizky; Huang, Ian (2020) The Use of Therapeutic-Dose Anticoagulation and Its Effect on Mortality in Patients With COVID-19: A Systematic Review.	- Population: Acute Covid-19

Study	Reason for exclusion
Clinical and applied thrombosis/hemostasis : official journal of the International Academy of Clinical and Applied Thrombosis/Hemostasis 26: 1076029620960797	
Wijeratne, Tissa, Sales, Carmela A, Crewther, Sheila G et al. (2020) First Australian Case of Good Recovery of a COVID-19 Patient With Severe Neurological Symptoms Post Prolonged Hospitalization. Cureus 12(9): e10366	- Population: Acute Covid-19
Wildwing, Tamar and Holt, Nicole (2020) The Neurological Symptoms of Long COVID-19: A Comparison with other Neurological Conditions and Implications for Healthcare Services. medRxiv: 2020072120158816	- Data: Symptoms not linked to timepoints
Wilson, Clare (2020) Concern coronavirus may trigger post-viral fatigue syndromes. New Scientist 246(3278): 10-11	- Study design: Media article
Wilson, Mathew G, Hull, James H, Rogers, John et al. (2020) Cardiorespiratory considerations for return-to-play in elite athletes after COVID-19 infection: a practical guide for sport and exercise medicine physicians. British journal of sports medicine 54(19): 1157-1161	- Study aim: Elite athletes
Wise, J. (2020) Covid-19: Symptoms are common after acute phase of disease, Italian study shows. Bmj-British Medical Journal 370	- Study design: Media article
Wootton, Sally L, King, Meredith, Alison, Jennifer A et al. (2020) COVID-19 rehabilitation delivered via a telehealth pulmonary rehabilitation model: a case series. Respirology case reports 8(8): e00669	- Intervention: Rehabilitation on discharge
Wu, Yeshun, Xu, Xiaolin, Chen, Zijun et al. (2020) Nervous system involvement after infection with COVID-19 and other coronaviruses. Brain, Behavior, and Immunity 87: 18-22	- Study aim: Pathophysiology/mechanisms
Xiao, Fei, Tang, Meiwen, Zheng, Xiaobin et al. (2020) Evidence for Gastrointestinal Infection of SARS-CoV-2. Gastroenterology 158(6): 1831-1833e3	- Population: Acute Covid-19
Xiong, Weixi, Kwan, Patrick, Zhou, Dong et al. (2020) Acute and late neurological complications of COVID19: the quest for evidence. Brain: a journal of neurology	- Study design: Expert opinion
Yan, Carol H, Prajapati, Divya P, Ritter, Michele L et al. (2020) Persistent Smell Loss Following Undetectable SARS-CoV-2. Otolaryngology-head and neck surgery: official journal of	- Population: Acute Covid-19

Study	Reason for exclusion
American Academy of Otolaryngology-Head and Neck Surgery: 194599820934769	
Yan, Y., Diao, B., Liu, Y. et al. (2020) Severe Acute Respiratory Syndrome Coronavirus 2 Nucleocapsid Protein in the Ocular Tissues of a Patient Previously Infected With Coronavirus Disease 2019. JAMA ophthalmology	- Study design: Case study (Prevalence)
Yanuck, S. F., Pizzorno, J., Messier, H. et al. (2020) Evidence Supporting a Phased Immunophysiological Approach to COVID-19 From Prevention Through Recovery. Integrative Medicine: A Clinician's Journal 19: 6-32	- Data: Symptoms not linked to timepoints
Yelin, Dana, Wirtheim, Eytan, Vetter, Pauline et al. (2020) Long-term consequences of COVID-19: research needs. The Lancet. Infectious Diseases 20(10): 1115-1117	- Study design: Expert opinion
You, Jingjing, Zhang, Lu, Ni-Jia-Ti, Ma-Yi-di-Li et al. (2020) Anormal pulmonary function and residual CT abnormalities in rehabilitating COVID-19 patients after discharge. The Journal of Infection 81(2): e150-e152	- Study design: Case series (Prevalence)
Yu, Minhua, Liu, Ying, Xu, Dan et al. (2020) Prediction of the Development of Pulmonary Fibrosis Using Serial Thin-Section CT and Clinical Features in Patients Discharged after Treatment for COVID-19 Pneumonia. Korean Journal of Radiology 21(6): 746-755	- Population: Acute Covid-19
Yuki, Koichi; Fujiogi, Miho; Koutsogiannaki, Sophia (2020) COVID-19 pathophysiology: A review. Clinical Immunology 215: 108427	- Study aim: Pathophysiology/mechanisms
Zahra, Syeda Anum, Iddawela, Sashini, Pillai, Kiran et al. (2020) Can symptoms of anosmia and dysgeusia be diagnostic for COVID-19?. Brain and behavior: e01839	- Population: Acute Covid-19
Zaninotto, Martina, Mion, Monica Maria, Padoan, Andrea et al. (2020) Cardiac troponin I in SARS-CoV-2-patients: The additional prognostic value of serial monitoring. Clinica chimica acta; international journal of clinical chemistry 511: 75-80	- Population: Acute Covid-19
Zha, Lulu, Xu, Xi, Wang, Dongya et al. (2020) Modified rehabilitation exercises for mild cases of COVID-19. Annals of Palliative Medicine 9(5): 3100-3106	- Population: Acute Covid-19
Zhao, Hong-Mei, Xie, Yu-Xiao, Wang, Chen et al. (2020) Recommendations for respiratory rehabilitation in adults with coronavirus disease	- Population: Acute Covid-19

Study	Reason for exclusion
2019. Chinese Medical Journal 133(13): 1595- 1602	
Zhao, Hua, Shen, Dingding, Zhou, Haiyan et al. (2020) Guillain-Barré syndrome associated with SARS-CoV-2 infection: causality or coincidence?. The Lancet. Neurology 19(5): 383-384	- Population: Acute Covid-19
Zheng, QN., Xu, MY., Zheng, YL. et al. (2020) Prediction of the rehabilitation duration and risk management for mild-moderate COVID-19. Disaster medicine and public health preparedness: 1-27	- Population: Acute Covid-19
Zhou, Hetong, Lu, Shaojia, Chen, Jingkai et al. (2020) The landscape of cognitive function in recovered COVID-19 patients. Journal of psychiatric research 129: 98-102	- Population: Acute Covid-19
Zhu, Hui, Fu, Liyun, Jin, Yinhua et al. (2020) Clinical features of COVID-19 convalescent patients with re-positive nucleic acid detection. Journal of clinical laboratory analysis: e23392	- Study design: Case series (Prevalence)
Zito, Antonio, Alfonsi, Enrico, Franciotta, Diego et al. (2020) COVID-19 and Guillain-Barre Syndrome: A Case Report and Review of Literature. Frontiers in neurology 11: 909	- Population: Acute Covid-19
ZOE, App and COVID Symptom, Study How long does COVID-19 last?. COVID Symptom Study	- Qualitative studies: Separate search conducted by SIGN
Zoghi A, Ramezani M, Roozbeh M, Darazam IA, Sahraian MA (2020) A case of possible atypical demyelinating event of the central nervous system following COVID-19. Multiple sclerosis and related disorders 44: 102324	- Population: Acute Covid-19
İNAL İNCE, Deniz, VARDAR YAĞLI, Naciye, SAĞLAM, Melda et al. (2020) COVID-19 ENFEKSİYONUNDA AKUT VE POST-AKUT FİZYOTERAPİ VE REHABİLİTASYON. Turkish Journal of Physiotherapy Rehabilitation 31(2): 81-93	- Article not in English