**A Systematic Map of Evidence Syntheses Published Globally on COVID-19**

Resource List

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# 1. Mental Health

## 1a: Health care workers

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Heath, C., Sommerfield, A., & von Ungern‐Sternberg, B. S. (2020). Resilience strategies to manage psychological distress among healthcare workers during the COVID‐19 pandemic: a narrative review. *Anaesthesia*, *75*(10), 1364-1371. | Australia  | Narrative review |
| Cabarkapa, S., Nadjidai, S. E., Murgier, J., & Ng, C. H. (2020). The psychological impact of COVID-19 and other viral epidemics on frontline healthcare workers and ways to address it: A rapid systematic review. *Brain, behavior, & immunity-health*, 100144. | Australia | Rapid Review |
| da Silva, F. C. T., & Neto, M. L. R. (2020). Psychiatric symptomatology associated with depression, anxiety, distress, and insomnia in health professionals working in patients affected by COVID-19: a systematic review with meta-analysis. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 110057. | Brazil | Systematic Review |
| da Silva, F. C. T., & Neto, M. L. R. (2020). Psychological effects caused by the COVID-19 pandemic in health professionals: a systematic review with meta-analysis. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 110062. | Brazil | Systematic Review |
| Sriharan, A., Ratnapalan, S., Tricco, A. C., Lupea, D., Ayala, A. P., Pang, H., & Lee, D. (2020). Stress, burnout and depression in women in health care during COVID-19 Pandemic: Rapid Scoping Review. *medRxiv*. | Canada | Rapid Review |
| Amanullah, S., & Ramesh Shankar, R. (2020, December). The Impact of COVID-19 on Physician Burnout Globally: A Review. In *Healthcare* (Vol. 8, No. 4, p. 421). Multidisciplinary Digital Publishing Institute. | Canada | Literature Review |
| Fu, X. W., Wu, L. N., & Shan, L. (2020). Review of possible psychological impacts of COVID-19 on frontline medical staff and reduction strategies. *World Journal of Clinical Cases*, *8*(15), 3188. | China | Literature Review |
| Bohlken, J., Schömig, F., Lemke, M. R., Pumberger, M., & Riedel-Heller, S. G. (2020). COVID-19 pandemic: stress experience of healthcare workers-a short current review. *Psychiatrische Praxis*, *47*(4), 190-197. | Germany | Literature Review |
| Galanis, P. A., Vraka, I., Fragkou, D., Bilali, A., & Kaitelidou, D. (2020). Nurses' burnout and associated risk factors during the COVID-19 pandemic: a systematic review and meta-analysis. *medRxiv*. | Greece | Systematic Review |
| Chandra, A., & Vanjare, H. (2020). Coping by the healthcare workers during COVID-19 pandemic in developing countries-A review. *Anaesthesia, Pain & Intensive Care*, *24*(3), 346-353. | India | Literature Review |
| Abd Rahman, A., Saliluddin, S. M., Rusli, M. F., Singh, P. J., Rosli, N. M., & Shah, S. A. (2020). Healthcare workers issues and COVID-19 pandemic: A review. *Gazi Medical Journal*, *31*(2). | India | Literature Review |
| Spoorthy, M. S., Pratapa, S. K., & Mahant, S. (2020). Mental health problems faced by healthcare workers due to the COVID-19 pandemic–A review. *Asian journal of psychiatry*, *51*, 102119. | India | Literature Review |
| Vizheh, M., Qorbani, M., Arzaghi, S. M., Muhidin, S., Javanmard, Z., & Esmaeili, M. (2020). The mental health of healthcare workers in the COVID-19 pandemic: A systematic review. *Journal of Diabetes & Metabolic Disorders*, 1-12. | Iran | Systematic Review |
| Salari, N., Khazaie, H., Hosseinian-Far, A., Ghasemi, H., Mohammadi, M., Shohaimi, S., ... & Hosseinian-Far, M. (2020). The prevalence of sleep disturbances among physicians and nurses facing the COVID-19 patients: a systematic review and meta-analysis. *Globalization and health*, *16*(1), 1-14. | Iran | Systematic Review |
| Callus, E., Bassola, B., Fiolo, V., Bertoldo, E. G., Pagliuca, S., & Lusignani, M. (2020). Stress Reduction Techniques for Health Care Providers Dealing With Severe Coronavirus Infections (SARS, MERS, and COVID-19): A Rapid Review. *Frontiers in psychology*, *11*, 3325. | Italy | Rapid Review |
| Barello, S., Falcó-Pegueroles, A., Rosa, D., Tolotti, A., Graffigna, G., & Bonetti, L. (2020). The psychosocial impact of flu influenza pandemics on healthcare workers and lessons learnt for the COVID-19 emergency: a rapid review. *International journal of public health*, 1-12. | Italy | Rapid Review |
| Benfante, A., Di Tella, M., Romeo, A., & Castelli, L. (2020). Traumatic Stress in Healthcare Workers During COVID-19 Pandemic: A Review of the Immediate Impact. *Frontiers in psychology*, *11*, 2816. | Italy | Literature Review |
| Muller, R. A. E., Stensland, R. S. Ø., & van de Velde, R. S. (2020). The mental health impact of the covid-19 pandemic on healthcare workers, and interventions to help them: A rapid systematic review. *Psychiatry research*, 113441. | Norway | Rapid Review |
| Al Maqbali, M., Al Sinani, M., & Al-Lenjawi, B. (2020). Prevalence of stress, depression, anxiety and sleep disturbance among nurses during the COVID-19 pandemic: A systematic review and meta-analysis. *Journal of Psychosomatic Research*, 110343. | Oman | Systematic Review |
| Labrague, L. (2020). Psychological resilience, coping behaviors, and social support among healthcare workers during the COVID-19 pandemic: a systematic review of quantitative studies. *medRxiv*. | Oman | Systematic Review |
| Shaukat, N., Ali, D. M., & Razzak, J. (2020). Physical and mental health impacts of COVID-19 on healthcare workers: A scoping review. *International Journal of Emergency Medicine*, *13*(1), 1-8. | Pakistan | Scoping Review |
| Chew, Q. H., Wei, K. C., Vasoo, S., & Sim, K. (2020). Psychological and Coping Responses of Health Care Workers Toward Emerging Infectious Disease Outbreaks: A Rapid Review and Practical Implications for the COVID-19 Pandemic. *The Journal of clinical psychiatry*, *81*(6), 0-0. | Singapore  | Rapid Review |
| Ng, Q. X., De Deyn, M. L. Z. Q., Lim, D. Y., Chan, H. W., & Yeo, W. S. (2020). The wounded healer: A narrative review of the mental health effects of the COVID-19 pandemic on healthcare workers. *Asian journal of psychiatry*. | Singapore | Narrative Review |
| Robertson, L. J., Maposa, I., Somaroo, H., & Johnson, O. (2020). Mental health of healthcare workers during the COVID-19 outbreak: A rapid scoping review to inform provincial guidelines in South Africa. *South African Medical Journal*, *110*(10), 1010-1019. | South Africa | Rapid Review |
| García-Iglesias, J. J., Gómez-Salgado, J., Martín-Pereira, J., Fagundo-Rivera, J., Ayuso-Murillo, D., Martínez-Riera, J. R., & Ruiz-Frutos, C. (2020). Impact of SARS-CoV-2 (Covid-19) on the mental health of healthcare professionals: a systematic review. *Revista espanola de salud publica*, *94*. | Spain | Systematic Review |
| de Burgos-Berdud, I., Valdés-Florido, M. J., & López-Díaz, Á. (2020). Are healthcare workers during the COVID-19 pandemic at risk of psychosis? Findings from a scoping review. *General hospital psychiatry*. | Spain  | Scoping Review |
| Ricci Cabello, I., Meneses-Echavez, J. F., Serrano-Ripoll, M. J., Fraile-Navarro, D., Fiolde Roque, M. A., Pastor Moreno, G., ... & Gonçalves-Bradley, D. (2020). Impact of viral epidemic outbreaks on mental health of healthcare workers: A rapid systematic review and meta-analysis. *Available at SSRN 3569883*. | Spain  | Rapid Review |
| De Kock, J. H., Latham, H. A., Leslie, S. J., Grindle, M., Munoz, S. A., Ellis, L., ... & O’Malley, C. M. (2021). A rapid review of the impact of COVID-19 on the mental health of healthcare workers: implications for supporting psychological well-being. *BMC public health*, *21*(1), 1-18. | UK | Rapid Review |
| Sirois, F. M., & Owens, J. (2020). Factors associated with psychological distress in health-care workers during an infectious disease outbreak: A rapid living systematic review. *medRxiv*. | UK | Rapid Review |
| Schneider, J., Talamonti, D., Gibson, B., & Forshaw, M. (2020). Factors Mediating the Psychological Well-being of Healthcare Workers Responding to Global Pandemics: A Systematic Review. | UK  | Rapid Review |
| Bell, V., & Wade, D. (2020). Mental health of clinical staff working in high-risk epidemic and pandemic health emergencies: a rapid review of the evidence and meta-analysis. *medRxiv*. | UK  | Rapid Review |
| Pappa, S., Ntella, V., Giannakas, T., Giannakoulis, V. G., Papoutsi, E., & Katsaounou, P. (2020). Prevalence of depression, anxiety, and insomnia among healthcare workers during the COVID-19 pandemic: A systematic review and meta-analysis. *Brain, behavior, and immunity*. | UK  | Systematic Review |
| Sanghera, J., Pattani, N., Hashmi, Y., Varley, K. F., Cheruvu, M. S., Bradley, A., & Burke, J. R. (2020). The impact of SARS-CoV-2 on the mental health of healthcare workers in a hospital setting-A Systematic Review. *Journal of occupational health*, *62*(1), e12175. | UK | Systematic Review |
| Allan, S. M., Bealey, R., Birch, J., Cushing, T., Parke, S., Sergi, G., ... & Meiser-Stedman, R. (2020). The prevalence of common and stress-related mental health disorders in healthcare workers based in pandemic-affected hospitals: a rapid systematic review and meta-analysis. *European journal of psychotraumatology*, *11*(1), 1810903. | UK  | Rapid Review |
| Zaidi, S. R., Sharma, V. K., Tsai, S. L., Flores, S., Lema, P. C., & Castillo, J. (2020). Emergency Department Well‐being Initiatives During the COVID‐19 Pandemic: An After‐action Review. *AEM education and training*, *4*(4), 411-414. | USA | Literature Review |
| Sheraton, M., Deo, N., Dutt, T., Surani, S., Hall-Flavin, D., & Kashyap, R. (2020). Psychological effects of the COVID 19 pandemic on healthcare workers globally: A systematic review. *Psychiatry research*, *292*, 113360. | USA  | Systematic Review |
| Shreffler, J., Petrey, J., & Huecker, M. (2020). The impact of COVID-19 on healthcare worker wellness: A scoping review. *Western Journal of Emergency Medicine*, *21*(5), 1059. | USA  | Scoping Review |
| Luo, M., Guo, L., Yu, M., & Wang, H. (2020). The psychological and mental impact of coronavirus disease 2019 (COVID-19) on medical staff and general public–A systematic review and meta-analysis. *Psychiatry research*, 113190. | China | Systematic Review |
| Arora, T., Grey, I., Östlundh, L., Lam, K. B. H., Omar, O. M., & Arnone, D. (2020). The prevalence of psychological consequences of COVID-19: A systematic review and meta-analysis of observational studies. *Journal of health psychology*, 1359105320966639. | United Arab Emirates | Systematic Review |
| Krishnamoorthy, Y., Nagarajan, R., Saya, G. K., & Menon, V. (2020). Prevalence of psychological morbidities among general population, healthcare workers and COVID-19 patients amidst the COVID-19 pandemic: A systematic review and meta-analysis. *Psychiatry research*, *293*, 113382. | India | Systematic Review |
| Jahrami, H., BaHammam, A. S., Bragazzi, N. L., Saif, Z., Faris, M., & Vitiello, M. V. (2020). Sleep problems during COVID-19 pandemic by population: a systematic review and meta-analysis. *Journal of Clinical Sleep Medicine*, jcsm-8930. | Iran | Systematic Review |
| Zürcher, S. J., Kerksieck, P., Adamus, C., Burr, C. M., Lehmann, A. I., Huber, F. K., & Richter, D. (2020). Prevalence of mental health problems during virus epidemics in the general public, health care workers and survivors: A rapid review of the evidence. *Frontiers in public health*, *8*. | Switzerland | Rapid Review |

## 1b: COVID patients

|  |  |  |
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| **Citation** | **Country** | **Review Type** |
| Muhidin, S., Vizheh, M., & Moghadam, Z. B. (2020). Anticipating COVID‐19‐related stigma in survivors and health‐care workers: Lessons from previous infectious diseases outbreaks–An integrative literature review. *Psychiatry and Clinical Neurosciences*, *74*(11), 617-618. | Australia | Integrative Review |
| Deng, J., Zhou, F., Hou, W., Silver, Z., Wong, C. Y., Chang, O., ... & Zuo, Q. K. (2020). The prevalence of depression, anxiety, and sleep disturbances in COVID‐19 patients: a meta‐analysis. *Annals of the New York Academy of Sciences*. | Canada  | Systematic Review |
| Tariku, M., & Hajure, M. (2020). Available evidence and ongoing hypothesis on corona virus (COVID-19) and psychosis: is corona virus and psychosis related? A narrative review. *Psychology Research and Behavior Management*, *13*, 701. | Ethiopia | Narrative Review |
| Rajkumar, R. P. (2020). COVID-19 and mental health: A review of the existing literature. *Asian journal of psychiatry*, *52*, 102066. | India | Literature Review |
| Nursalam, N., Sukartini, T., Priyantini, D., Mafula, D., & Efendi, F. (2020). Risk Factors For Psychological Impact And Social Stigma Among People Facing Covid-19: A Systematic Review'. *Systematic Reviews in Pharmacy. Medknow Publications*, *11*(6), 1022-1028. | Indonesia | Systematic Review |
| Litwin, A., & Masiak, J. (2019). Mental disorders in people infected with the coronavirus SARS-CoV-2–literature review. *Polish Journal of Public Health*, *129*(4), 141-144. | Poland | Literature Review |
| Krishnamoorthy, Y., Nagarajan, R., Saya, G. K., & Menon, V. (2020). Prevalence of psychological morbidities among general population, healthcare workers and COVID-19 patients amidst the COVID-19 pandemic: A systematic review and meta-analysis. *Psychiatry research*, *293*, 113382. | India | Systematic Review |
| Jahrami, H., BaHammam, A. S., Bragazzi, N. L., Saif, Z., Faris, M., & Vitiello, M. V. (2020). Sleep problems during COVID-19 pandemic by population: a systematic review and meta-analysis. *Journal of Clinical Sleep Medicine*, jcsm-8930. | Iran | Systematic Review |
| Zürcher, S. J., Kerksieck, P., Adamus, C., Burr, C. M., Lehmann, A. I., Huber, F. K., & Richter, D. (2020). Prevalence of mental health problems during virus epidemics in the general public, health care workers and survivors: A rapid review of the evidence. *Frontiers in public health*, *8*. | Switzerland | Rapid Review |

## 1c: General population

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Xiong, J., Lipsitz, O., Nasri, F., Lui, L. M., Gill, H., Phan, L., ... & McIntyre, R. S. (2020). Impact of COVID-19 pandemic on mental health in the general population: A systematic review. *Journal of affective disorders*. | Canada | Systematic Review |
| Scholten, H., Quezada-Scholz, V. E., Salas, G., Barria-Asenjo, N. A., Molina, R., García, J. E., ... & Somarriva, F. (2020). Psychological Approach to COVID-19: A Narrative Review of the Latin American Experience. *Revista Interamericana De Psicología/Interamerican Journal of Psychology*, *54*(1), e1287. | Argentina | Narrative Review |
| Usher, K., Jackson, D., Durkin, J., Gyamfi, N., & Bhullar, N. (2020). Pandemic‐related behaviours and psychological outcomes; A rapid literature review to explain COVID‐19 behaviours. *International Journal of Mental Health Nursing*, *29*(6), 1018-1034. | Australia | Rapid Review |
| Brown, E., Gray, R., Monaco, S. L., O'Donoghue, B., Nelson, B., Thompson, A., ... & McGorry, P. (2020). The potential impact of COVID-19 on psychosis: a rapid review of contemporary epidemic and pandemic research. *Schizophrenia research*. | Australia | Rapid Review |
| Thombs, B. D., Bonardi, O., Rice, D. B., Boruff, J. T., Azar, M., He, C., ... & Benedetti, A. (2020). Curating evidence on mental health during COVID-19: A living systematic review. *Journal of psychosomatic research*. | Canada | Systematic Review |
| Puyat, J. H., Ahmad, H., Avina-Galindo, A. M., Kazanjian, A., Gupta, A., Ellis, U., ... & De Bono, C. E. (2020). A rapid review of home-based activities that can promote mental wellness during the COVID-19 pandemic. *PloS one*, *15*(12), e0243125. | Canada | Rapid Review |
| Soklaridis, S., Lin, E., Lalani, Y., Rodak, T., & Sockalingam, S. (2020). Mental health interventions and supports during COVID-19 and other medical pandemics: A rapid systematic review of the evidence. *General hospital psychiatry*, *66*, 133-146. | Canada | Rapid Review |
| Cooke, J. E., Eirich, R., Racine, N., & Madigan, S. (2020). Prevalence of posttraumatic and general psychological stress during COVID-19: A rapid review and meta-analysis. *Psychiatry research*, *292*, 113347. | Canada | Rapid Review |
| Bareeqa, S. B., Ahmed, S. I., Samar, S. S., Yasin, W., Zehra, S., Monese, G. M., & Gouthro, R. V. (2020). Prevalence of depression, anxiety and stress in china during COVID-19 pandemic: A systematic review with meta-analysis. *The International Journal of Psychiatry in Medicine*, 0091217420978005. | China | Systematic Review |
| Miu, A., Cao, H., Zhang, B., & Zhang, H. (2020). Review of mental health response to COVID-19, China. *Emerging infectious diseases*, *26*(10), 2482. | China | Literature Review |
| Hu, S., Tucker, L., Wu, C., & Yang, L. (2020). Beneficial effects of exercise on depression and anxiety during the Covid-19 pandemic: A narrative review. *Frontiers in Psychiatry*, *11*, 1217. | China | Narrative Review |
| Yue, J. L., Yan, W., Sun, Y. K., Yuan, K., Su, S. Z., Han, Y., ... & Lu, L. (2020). Mental health services for infectious disease outbreaks including COVID-19: a rapid systematic review. *Psychological Medicine*, 1-16. | China | Rapid Review |
| Leung, T. Y. M., Chan, A. Y. L., Chan, E. W., Chan, V. K. Y., Chui, C. S. L., Cowling, B. J., ... & Wong, I. C. K. (2020). Short-and potential long-term adverse health outcomes of COVID-19: a rapid review. *Emerging microbes & infections*, *9*(1), 2190-2199. | China | Rapid Review |
| Volkan, E., & Volkan, E. (2020). Under the COVID-19 lockdown: Rapid review about the unique case of North Cyprus. *Psychological Trauma: Theory, Research, Practice, and Policy*. | Cyprus | Rapid Review |
| Vindegaard, N., & Benros, M. E. (2020). COVID-19 pandemic and mental health consequences: Systematic review of the current evidence. *Brain, behavior, and immunity*, *89*, 531-542. | Denmark | Systematic Review |
| Javelot, H., & Weiner, L. (2020). Panic and pandemic: narrative review of the literature on the links and risks of panic disorder as a consequence of the SARS-CoV-2 pandemic. *L'encephale*. | France | Narrative Review |
| Chevance, A., Gourion, D., Hoertel, N., Llorca, P. M., Thomas, P., Bocher, R., ... & Gaillard, R. (2020). Ensuring mental health care during the SARS-CoV-2 epidemic in France: A narrative review. *L'encephale*, *46*(3), 193-201. | France | Narrative Review |
| Mallet, J., Dubertret, C., & Le Strat, Y. (2020). Addictions in the COVID-19 era: current evidence, future perspectives a comprehensive review. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 110070. | France | Literature Review |
| Javelot, H., & Weiner, L. (2020). Panic and pandemic: Review of the literature on the links between panic disorder and the SARS-CoV-2 epidemic. *L'encephale*. | France | Literature Review |
| Suicidal behaviors and ideation during emerging viral disease outbreaks before the COVID-19 pandemic: A systematic rapid review | France | Rapid Review |
| Morina, N., Kip, A., Hoppen, T. H., Priebe, S., & Meyer, T. (2020). A potential impact of physical distancing on physical and mental health. A rapid narrative umbrella review of meta-analyses on the link between social isolation and health. *medRxiv*. | Germany | Rapid Review |
| Wolf, S., Zeibig, J., Seiffer, B., Welkerling, J., Brokmeier, L., Atrott, B., ... & Schuch, F. B. (2020). Can physical activity protect against depression and anxiety during the COVID-19 pandemic? A rapid systematic review. | Germany | Rapid Review |
| Gilan, D., Röthke, N., Blessin, M., Kunzler, A., Stoffers-Winterling, J., Müssig, M., ... & Lieb, K. (2020). Psychomorbidity, Resilience, and Exacerbating and Protective Factors During the SARS-CoV-2 Pandemic: A Systematic Literature Review and Results from the German COSMO-PANEL. *Deutsches Aerzteblatt International*, *117*(38). | Germany | Systematic Review |
| Tsamakis, K., Triantafyllis, A. S., Tsiptsios, D., Spartalis, E., Mueller, C., Tsamakis, C., ... & Rizos, E. (2020). COVID‑19 related stress exacerbates common physical and mental pathologies and affects treatment. *Experimental and therapeutic medicine*, *20*(1), 159-162. | Greece | Literature Review |
| Kontoangelos, K., Economou, M., & Papageorgiou, C. (2020). Mental health effects of COVID-19 pandemia: a review of clinical and psychological traits. *Psychiatry investigation*, *17*(6), 491. | Greece | Literature Review |
| Gawai, J. P., Singh, S., Taksande, V. D., Sebastian, T., Kasturkar, P., & Ankar, R. S. (2020). Critical Review on Impact of COVID 19 and Mental Health. | India | Critical Review |
| Banerjee, D., Vaishnav, M., Rao, T. S., Raju, M. S. V. K., Dalal, P. K., Javed, A., ... & Jagiwala, M. P. (2020). Impact of the COVID-19 pandemic on psychosocial health and well-being in South-Asian (World Psychiatric Association zone 16) countries: A systematic and advocacy review from the Indian Psychiatric Society. *Indian journal of psychiatry*, *62*(Suppl 3), S343. | India | Systematic Review |
| Kar, S. K., Oyetunji, T. P., Prakash, A. J., Ogunmola, O. A., Tripathy, S., Lawal, M. M., ... & Arafat, S. Y. (2020). Mental health research in the lower-middle-income countries of Africa and Asia during the COVID-19 pandemic: A scoping review. *Neurology, Psychiatry and Brain Research*, *38*, 54-64. | India | Scoping Review |
| Rajkumar, R. P. (2020). Attachment Theory and Psychological Responses to the COVID-19 Pandemic: A Narrative Review. *Psychiatria Danubina*, *32*(2), 256-261. | India | Narrative Review |
| Bagherian-Sararoudi R.; Alipour A.; Mirahmadi B. (2020). Health psychology and coronavirus pandemic crisis (COVID-19): A review study. *Journal of Isfahan Medical School.* | Iran | Literature Review |
| Fardin, M. A. (2020). COVID-19 and anxiety: A review of psychological impacts of infectious disease outbreaks. *Archives of clinical infectious diseases*, *15*(COVID-19). | Iran | Literature Review |
| Mohammadi, M. T., & Shahyad, S. (2020). Health Anxiety during Viral Contagious Diseases and COVID-19 Outbreak: Narrative Review. *Journal Mil Med*, *22*(6), 623-631. | Iran  | Narrative Review |
| Salari, N., Hosseinian-Far, A., Jalali, R., Vaisi-Raygani, A., Rasoulpoor, S., Mohammadi, M., ... & Khaledi-Paveh, B. (2020). Prevalence of stress, anxiety, depression among the general population during the COVID-19 pandemic: a systematic review and meta-analysis. *Globalization and health*, *16*(1), 1-11. | Iran | Systematic Review |
| Khalili, R. (2020). Prevalence of various psychological disorders during the COVID-19 pandemic: Systematic review. *Journal Mil Med*, *22*(6), 648-662. | Iran | Systematic Review |
| Shahyad, S., & Mohammadi, M. T. (2020). Psychological impacts of Covid-19 outbreak on mental health status of society individuals: a narrative review. *Journal of Military Medicine*, *22*(2). | Iran  | Narrative Review |
| Shelef, L., & Zalsman, G. (2020). The psychological impact of covid-19 on mental health-literature review. *Harefuah*, *159*(5), 320-325. | Israel | Literature Review |
| Zalsman, G., Stanley, B., Szanto, K., Clarke, D. E., Carli, V., & Mehlum, L. (2020). Suicide in the Time of COVID-19: Review and Recommendations. *Archives of Suicide Research*, *24*(4), 477-482. | Israel | Literature Review |
| Jaguga, F., & Kwobah, E. (2020). Mental health response to the COVID-19 pandemic in Kenya: a review. *International journal of mental health systems*, *14*(1), 1-6. | Kenya | Literature Review |
| Stroebe, M., & Schut, H. (2020). Bereavement in times of COVID-19: A review and theoretical framework. *OMEGA-Journal of Death and Dying*, 0030222820966928. | Netherlands | Literature Review |
| Ramalho, R. (2020). Alcohol consumption and alcohol-related problems during the COVID-19 pandemic: a narrative review. *Australasian Psychiatry*, *28*(5), 524-526. | New Zealand | Narrative Review |
| Fischer, R., Bortolini, T., Karl, J. A., Zilberberg, M., Robinson, K., Rabelo, A., ... & Mattos, P. (2020). Rapid review and meta-meta-analysis of self-guided interventions to address anxiety, depression, and stress during COVID-19 social distancing. *Frontiers in psychology*, *11*. | New Zealand | Rapid Review |
| Syed, N. K., & Griffiths, M. D. (2020). Nationwide suicides owing to alcohol withdrawal symptoms during COVID-19 pandemic: A review of cases from media reports. *Journal of psychiatric research*. | Saudi Arabia | Literature Review |
| Zhang, M., & Smith, H. E. (2020). Digital Tools to Ameliorate Psychological Symptoms Associated With COVID-19: Scoping Review. *Journal of medical Internet research*, *22*(8), e19706. | Singapore | Scoping Review |
| Tng, X. J. J., Chew, Q. H., & Sim, K. (2020). Psychological sequelae within different populations during the COVID-19 pandemic: a rapid review of extant evidence. *Singapore medical journal*. | Singapore | Rapid Review |
| Nieto, I., Navas, J. F., & Vázquez, C. (2020). The quality of research on mental health related to the COVID-19 pandemic: A note of caution after a systematic review. *Brain, behavior, & immunity-health*, 100123. | Spain | Systematic Review |
| Richter, D., Riedel-Heller, S., & Zuercher, S. (2020). Mental health problems in the general population during and after the first lockdown phase due to the SARS-Cov-2 pandemic: Rapid review of multi-wave studies. *medRxiv*. | Switzerland | Rapid Review |
| Tanhan, A., Yavuz, K. F., Young, J. S., Nalbant, A., Arslan, G., Yıldırım, M., ... & Çiçek, İ. (2020). A proposed framework based on literature review of online contextual mental health services to enhance wellbeing and address psychopathology during COVID-19. | Turkey | Literature Review |
| Chu, I. Y. H., Alam, P., Larson, H. J., & Lin, L. (2020). Social consequences of mass quarantine during epidemics: a systematic review with implications for the COVID-19 response. *Journal of travel medicine*, *27*(7), taaa192. | UK | Systematic Review |
| Mayland, C. R., Harding, A. J., Preston, N., & Payne, S. (2020). Supporting adults bereaved through COVID-19: a rapid review of the impact of previous pandemics on grief and bereavement. *Journal of pain and symptom management*, *60*(2), e33-e39. | UK | Rapid Review |
| Zortea, T. C., Brenna, C. T., Joyce, M., McClelland, H., Tippett, M., Tran, M. M., ... & Platt, S. (2020). The impact of infectious disease-related public health emergencies on suicide, suicidal behavior, and suicidal thoughts. *Crisis*. | UK | Systematic Review |
| Bhattacharjee, B., & Acharya, T. (2020). The COVID-19 pandemic and its effect on mental health in USA–a review with some coping strategies. *Psychiatric Quarterly*, 1-11. | USA | Literature Review |
| Hossain, M. M., Tasnim, S., Sultana, A., Faizah, F., Mazumder, H., Zou, L., ... & Ma, P. (2020). Epidemiology of mental health problems in COVID-19: a review. *F1000Research*, *9*. | USA | Narrative Review |
| Machado, D. B., Alves, F. J., Teixeira, C. S., Rocha, A. S., Castro-de-Araujo, L. F., Singh, A., & Barreto, M. L. (2020). Effects of COVID-19 on Anxiety, Depression and Other Mental Health Issues: A worldwide scope review. | USA | Scoping Review |
| Tasnim, S., Rahman, M., Pawar, P., Chi, X., Yu, Q., Zou, L., ... & Hossain, M. M. (2020). Epidemiology of sleep disorders during COVID-19 pandemic: A systematic scoping review. *medRxiv*. | USA | Scoping Review |
| Weinberg, H. (2020). Online group psychotherapy: Challenges and possibilities during COVID-19—A practice review. *Group Dynamics: Theory, Research, and Practice*, *24*(3), 201. | USA | Literature Review |

## 1d: Children and Adolescents

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Octavius, G. S., Silviani, F. R., Lesmandjaja, A., & Juliansen, A. (2020). Impact of COVID-19 on adolescents’ mental health: a systematic review. *Middle East current psychiatry*, *27*(1), 1-8. | Indonesia | Systematic Review |
| Sajid, M. I., Tariq, J., Waheed, A. A., Najaf, D., Balouch, S. S., & Abaidullah, S. (2020). SARS-CoV-2 & Pediatric Mental Health: A Review of Recent Evidence. *medRxiv*. | Pakistan | Literature Review |
| Pereda, N., & Díaz-Faes, D. A. (2020). Family violence against children in the wake of COVID-19 pandemic: a review of current perspectives and risk factors. *Child and adolescent psychiatry and mental health*, *14*(1), 1-7. | Spain | Literature Review |
| Drane, C. F., Vernon, L., & O’Shea, S. (2020). Vulnerable learners in the age of COVID-19: A scoping review. *The Australian Educational Researcher*, 1-20. | Australia | Scoping Review |
| Oliveira, W. A. D., Silva, J. L. D., Andrade, A. L. M., Micheli, D. D., Carlos, D. M., & Silva, M. A. I. (2020). Adolescents’ health in times of COVID-19: a scoping review. *Cadernos de Saúde Pública*, *36*, e00150020. | Brazil | Scoping Review |
| de Araújo, L. A., Veloso, C. F., de Campos Souza, M., de Azevedo, J. M. C., & Tarro, G. (2020). The potential impact of the COVID-19 pandemic on child growth and development: a systematic review. *Jornal de Pediatria*. | Brazil | Systematic Review |
| Racine, N., Cooke, J. L., Eirich, R., Korczak, D. J., McArthur, B., & Madigan, S. (2020). Child and adolescent mental illness during COVID-19: A rapid review. *Psychiatry research*. | Canada | Rapid Review |
| C. Fong, V., & Iarocci, G. (2020). Child and Family Outcomes Following Pandemics: A Systematic Review and Recommendations on COVID-19 Policies. *Journal of pediatric psychology*, *45*(10), 1124-1143. | Canada | Systematic Review |
| Fegert, J. M., Vitiello, B., Plener, P. L., & Clemens, V. (2020). Challenges and burden of the Coronavirus 2019 (COVID-19) pandemic for child and adolescent mental health: a narrative review to highlight clinical and research needs in the acute phase and the long return to normality. *Child and adolescent psychiatry and mental health*, *14*, 1-11. | Germany | Narrative Review |
| Stavridou, A., Stergiopoulou, A. A., Panagouli, E., Mesiris, G., Thirios, A., Mougiakos, T., ... & Tsitsika, A. (2020). Psychosocial consequences of COVID‐19 in children, adolescents and young adults: a systematic review. *Psychiatry and Clinical Neurosciences*. | Greece | Systematic Review |
| Singh, S., Roy, M. D., Sinha, C. P. T. M. K., Parveen, C. P. T. M. S., Sharma, C. P. T. G., & Joshi, C. P. T. G. (2020). Impact of COVID-19 and lockdown on mental health of children and adolescents: A narrative review with recommendations. *Psychiatry research*, 113429. | India | Narrative Review |
| Nearchou, F., Flinn, C., Niland, R., Subramaniam, S. S., & Hennessy, E. (2020). Exploring the impact of CoViD-19 on mental health outcomes in children and adolescents: a systematic review. *International journal of environmental research and public health*, *17*(22), 8479. | Ireland | Systematic Review |
| Cachón-Zagalaz, J., Sánchez-Zafra, M., Sanabrias-Moreno, D., González-Valero, G., Lara-Sánchez, A. J., & Zagalaz-Sánchez, M. L. (2020). Systematic review of the literature about the effects of the COVID-19 pandemic on the lives of school children. *Frontiers in Psychology*, *11*. | Spain | Systematic Review |
| Haig-Ferguson, A., Cooper, K., Cartwright, E., Loades, M. E., & Daniels, J. (2020). Practitioner review: health anxiety in children and young people in the context of the COVID-19 pandemic. *Behavioural and cognitive psychotherapy*, 1-15. | UK | Literature Review |
| Loades, M. E., Chatburn, E., Higson-Sweeney, N., Reynolds, S., Shafran, R., Brigden, A., ... & Crawley, E. (2020). Rapid systematic review: the impact of social isolation and loneliness on the mental health of children and adolescents in the context of COVID-19. *Journal of the American Academy of Child & Adolescent Psychiatry*. | UK | Rapid Review |
| Sheen, A., Ro, G., Holani, K., Dos Santos, A. C. Z. P., Kagadkar, F., & Zeshan, M. (2020). 51.7 IMPACT OF COVID-19–RELATED SCHOOL CLOSURES ON CHILDREN AND ADOLESCENTS WORLDWIDE: A LITERATURE REVIEW. *Journal of the American Academy of Child and Adolescent Psychiatry*, *59*(10), S253. | USA | Literature Review |
| McGowan, G., Conrad, R., & Potts, H. (2020). 51.2 CHALLENGES WITH MANAGING CHILDREN AND ADOLESCENTS WITH ADHD DURING THE COVID-19 PANDEMIC: A REVIEW OF THE LITERATURE. *Journal of the American Academy of Child and Adolescent Psychiatry*, *59*(10), S251. | USA | Literature Review |

## 1e: Older People

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Flett, G. L., & Heisel, M. J. (2020). Aging and feeling valued versus expendable during the COVID-19 pandemic and beyond: A review and commentary of why mattering is fundamental to the health and well-being of older adults. *International Journal of Mental Health and Addiction*, 1-27. | Canada | Literature Review |
| Gorenko, J. A., Moran, C., Flynn, M., Dobson, K., & Konnert, C. (2020). Social Isolation and Psychological Distress Among Older Adults Related to COVID-19: A Narrative Review of Remotely-Delivered Interventions and Recommendations. *Journal of Applied Gerontology*, 0733464820958550. | Canada | Narrative Review |
| D'cruz, M., & Banerjee, D. (2020). ‘An invisible human rights crisis’: The marginalization of older adults during the COVID-19 pandemic–An advocacy review. *Psychiatry research*, 113369. | India | Literature Review |
| Al-Zahrani, J. (2021). SARS-CoV-2 associated COVID-19 in geriatric population: A brief narrative review. *Saudi Journal of Biological Sciences*, *28*(1), 738. | Saudi Arabia | Narrative Review |
| Lee, K., Jeong, G. C., & Yim, J. (2020). Consideration of the psychological and mental health of the elderly during COVID-19: A theoretical review. *International Journal of Environmental Research and Public Health*, *17*(21), 8098. | South Korea | Literature Review |
| Manca, R., De Marco, M., & Venneri, A. (2020). The impact of COVID-19 infection and enforced prolonged social isolation on neuropsychiatric symptoms in older adults with and without dementia: a review. *Frontiers in Psychiatry*, *11*, 1086. | UK | Literature Review |

## 1f: Females and Pregnant Women

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| **Citation** | **Country** | **Review Type** |
| Sánchez, O. R., Vale, D. B., Rodrigues, L., & Surita, F. G. (2020). Violence against women during the COVID‐19 pandemic: An integrative review. *International Journal of Gynecology & Obstetrics*, *151*(2), 180-187. | Brazil | Integrative Review |
| Vieira, L. G., Camargo, E. L. S., Schneider, G., da Silva, G. P. R., Thomazini, M., Possani, M. A., ... & de Sousa Ibiapina, A. R. (2020). Repercussions of the COVID-19 Pandemic on the Mental Health of Pregnant and Puerperal Women: A Systematic Review. *medRxiv*. | Brazil | Systematic Review |
| Zhang, J., Yu, H., Gao, Y., Xu, Q., Yin, Y., & Zhou, R. (2020). Prevalence of anxiety and depression among pregnant women during the COVID-19 pandemic: a systematic review and meta-analysis. | China | Systematic Review |
| Hessami, K., Romanelli, C., Chiurazzi, M., & Cozzolino, M. (2020). COVID-19 pandemic and maternal mental health: a systematic review and meta-analysis. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1-8. | Iran | Systematic Review |
| Brooks, S. K., Weston, D., & Greenberg, N. (2020). Psychological impact of infectious disease outbreaks on pregnant women: Rapid evidence review. *Public Health*, *189*, 26-36. | UK | Rapid Review |

## 1g: Other Populations

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Athletes:Reardon, C. L., Bindra, A., Blauwet, C., Budgett, R., Campriani, N., Currie, A., ... & Hainline, B. (2020). Mental health management of elite athletes during COVID-19: a narrative review and recommendations. *British journal of sports medicine*. | USA | Narrative Review |
| Bereaving relatives:Burrell, A., & Selman, L. E. (2020). How do Funeral Practices impact Bereaved Relatives' Mental Health, Grief and Bereavement? A Mixed Methods Review with Implications for COVID-19. *OMEGA-Journal of Death and Dying*, 0030222820941296. | UK | Rapid Review |
| Cancer survivors: Jammu, A. S., Chasen, M. R., Lofters, A. K., & Bhargava, R. (2020). Systematic rapid living review of the impact of the COVID-19 pandemic on cancer survivors: update to August 27, 2020. *Supportive Care in Cancer*, 1-10. | Canada | Rapid Review |
| Patients in palliative care:Rao, S. R., Spruijt, O., Sunder, P., Daniel, S., Chittazhathu, R. K., Nair, S., ... & Venkateswaran, C. (2020). Psychosocial aspects of COVID-19 in the context of palliative care–A quick review. *Indian Journal of Palliative Care*, *26*(Suppl 1), S116. | India | Literature Review |
| People with mental illness:Lemieux, A. J., Dumais Michaud, A. A., Damasse, J., Morin-Major, J. K., Nguyen, T. N., Lesage, A., & Crocker, A. G. (2020). Management of COVID-19 for Persons with Mental Illness in Secure Units: A Rapid International Review to Inform Practice in Québec. *Victims & Offenders*, 1-24. | Canada | Rapid Review |
| People who use drugs: Wei, Y., & Shah, R. (2020). Substance use disorder in the COVID-19 pandemic: a systematic review of vulnerabilities and complications. *Pharmaceuticals*, *13*(7), 155. | USA | Systematic Review |
| Medical students: Lasheras, I., Gracia-García, P., Lipnicki, D. M., Bueno-Notivol, J., López-Antón, R., de la Cámara, C., ... & Santabárbara, J. (2020). Prevalence of anxiety in medical students during the covid-19 pandemic: A rapid systematic review with meta-analysis. *International journal of environmental research and public health*, *17*(18), 6603. | Spain | Rapid Review |
| Non-health care workers:Giorgi, G., Lecca, L. I., Alessio, F., Finstad, G. L., Bondanini, G., Lulli, L. G., ... & Mucci, N. (2020). COVID-19-related mental health effects in the workplace: a narrative review. *International journal of environmental research and public health*, *17*(21), 7857. | Italy | Narrative Review |
| Young adults: O’Reilly, A., Tibbs, M., Booth, A., Doyle, E., McKeague, B., & Moore, J. (2020). A rapid review investigating the potential impact of a pandemic on the mental health of young people aged 12–25 years. *Irish Journal of Psychological Medicine*, 1-16. | Ireland | Rapid Review |

# 2. Prevention

## 2a: Attitudes, awareness, perceptions and behaviors

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Caputo, E. L., & Reichert, F. F. (2020). Studies of physical activity and COVID-19 during the pandemic: a scoping review. *Journal of Physical Activity and Health*, *1*(aop), 1-10. | Brazil | Scoping review |
| Sánchez, O. R., Vale, D. B., Rodrigues, L., & Surita, F. G. (2020). Violence against women during the COVID‐19 pandemic: An integrative review. *International Journal of Gynecology & Obstetrics*, *151*(2), 180-187. | Brazil | Integrative review |
| Li, W., Liao, J., Li, Q., Baskota, M., Wang, X., Tang, Y., ... & Liu, E. (2020). Health Education for Parents During the COVID-19 Outbreak Public Health Education for Parents During the Outbreak of COVID-19: A Rapid Review. *medRxiv*. | China  | Rapid review |
| Li, W., Liao, J., Li, Q., Baskota, M., Wang, X., Tang, Y., ... & Liu, E. (2020). Public health education for parents during the outbreak of COVID-19: a rapid review. *Annals of translational medicine*, *8*(10). | China  | Rapid review |
| Bekele, F., Sheleme, T., Fekadu, G., & Bekele, K. (2020). Patterns and associated factors of COVID-19 knowledge, attitude, and practice among general population and health care workers: A systematic review. *SAGE open medicine*, *8*, 2050312120970721. | Ethiopia | Systematic review |
| Matterne, U., Egger, N., Tempes, J., Tischer, C., Lander, J., Dierks, M. L., ... & Apfelbacher, C. (2020). Health literacy in the general population in the context of epidemic or pandemic coronavirus outbreak situations: Rapid scoping review. *Patient education and counseling*. | Germany | Rapid review |
| Galanis, P. A., Vraka, I., Fragkou, D., Bilali, A., & Kaitelidou, D. (2020). Intention of health care workers to accept COVID-19 vaccination and related factors: a systematic review and meta-analysis. *medRxiv*. | Greece | Systematic review |
| Puspitasari, I. M., Yusuf, L., Sinuraya, R. K., Abdulah, R., & Koyama, H. (2020). Knowledge, attitude, and practice during the COVID-19 pandemic: a review. *Journal of Multidisciplinary Healthcare*, *13*, 727-733. | Indonesia | Literature review |
| Dehaghi, B. F., Teimori-Boghsani, G., Ghavamabadi, L. I., & Mohammadi, A. (2020). Public eye toward covid-19: A systematic review. *Open Access Macedonian Journal of Medical Sciences*, *8*(T1), 61-65. | Iran | Systematic review |
| Saadatjoo, S., Miri, M., Hassanipour, S., Ameri, H., & Arab-Zozani, M. (2020). A systematic review of the knowledge, attitudes, and practices of physicians, health workers, and the general population about Coronavirus disease 2019 (COVID-19). *medRxiv*. | Iran | Systematic review |
| Robinson, E., Jones, A., & Daly, M. (2020). International estimates of intended uptake and refusal of COVID-19 vaccines: A rapid systematic review and meta-analysis of large nationally representative samples. *medRxiv*. | Ireland | Rapid review |
| Abuhammad, S. (2020). Barriers to distance learning during the COVID-19 outbreak: A qualitative review from parents’ perspective. *Heliyon*, e05482. | Jordan | Qualitative review |
| Seng, J. J. B., Yeam, C. T., Huang, W. C., Tan, N. C., & Low, L. L. (2020). Pandemic related Health literacy-A Systematic Review of literature in COVID-19, SARS and MERS pandemics. *Medrxiv*. | Singapore | Systematic review |
| Fouche, A., Fouché, D. F., & Theron, L. C. (2020). Child protection and resilience in the face of COVID-19 in South Africa: A rapid review of C-19 legislation. *Child Abuse & Neglect*, *110*, 104710. | South Africa | Rapid review |
| López-Bueno, R., López-Sánchez, G. F., Casajús, J. A., Calatayud, J., Tully, M. A., & Smith, L. (2020). Potential health-related behaviors for pre-school and school-aged children during COVID-19 lockdown: A narrative review. *Preventive Medicine*, 106349. | Spain | Narrative review |
| Pereda, N., & Díaz-Faes, D. A. (2020). Family violence against children in the wake of COVID-19 pandemic: a review of current perspectives and risk factors. *Child and adolescent psychiatry and mental health*, *14*(1), 1-7. | Spain | Literature review |
| Arora, T., & Grey, I. (2020). Health behaviour changes during COVID-19 and the potential consequences: A mini-review. *Journal of Health Psychology*, *25*(9), 1155-1163. | UAE | Literature review |
| Bhagavathula, A. S., Aldhaleei, W. A., Rahmani, J., & Khubchandani, J. (2020). Knowledge, Attitude, Perceptions and Practice towards COVID-19: A systematic review and Meta-analysis. *medRxiv*. | UAE | Systematic review |
| Burton, C., Coles, B., Anisesh, A., Smith, S., Toomey, E., Chan, X. H., ... & Greenhalgh, T. (2020). Performance and impact of disposable and reusable respirators for healthcare workers during pandemic respiratory disease: a rapid evidence review. *medRxiv*. | UK | Rapid review |
| Carter, P., Megnin-Viggars, O., & Rubin, G. J. (2020). What factors influence symptom reporting during an emerging infectious disease outbreak? A rapid review of the evidence. *medRxiv*. | UK | Rapid review |
| Rees, E. M., Nightingale, E. S., Jafari, Y., Waterlow, N. R., Clifford, S., Pearson, C. A., ... & CMMID Working Group. (2020). COVID-19 length of hospital stay: a systematic review and data synthesis. *BMC medicine*, *18*(1), 1-22. | UK | Systematic review |
| Webster, R. K., Brooks, S. K., Smith, L. E., Woodland, L., Wessely, S., & Rubin, G. J. (2020). How to improve adherence with quarantine: rapid review of the evidence. *Public Health*, *182*, 163-169. | UK | Rapid review |

## 2b: Family Violence

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Sánchez, O. R., Vale, D. B., Rodrigues, L., & Surita, F. G. (2020). Violence against women during the COVID‐19 pandemic: An integrative review. *International Journal of Gynecology & Obstetrics*, *151*(2), 180-187. | Brazil | Integrative review |
| Fouche, A., Fouché, D. F., & Theron, L. C. (2020). Child protection and resilience in the face of COVID-19 in South Africa: A rapid review of C-19 legislation. *Child Abuse & Neglect*, *110*, 104710. | South Africa | Rapid review |
| Pereda, N., & Díaz-Faes, D. A. (2020). Family violence against children in the wake of COVID-19 pandemic: a review of current perspectives and risk factors. *Child and adolescent psychiatry and mental health*, *14*(1), 1-7. | Spain | Literature review |

## 2c: Pregnancy

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| **Citation** | **Country** | **Review Type** |
| Faria, A. P. V., da Silva, T. P. R., Duarte, C. K., dos Santos, L. C., Filipe, M. M. L., Santos, N. C. P., & Matozinhos, F. P. (2020). Breastfeeding for children of mothers who are infected with SARS-CoV-2: a systematic scoping review. | Brazil | Scoping review |
| Hasnain, M., Pasha, M. F., Ghani, I., & Budiarto, R. (2020). Protection challenges of pregnant women against vertical transmission during COVID-19 epidemic: a narrative review. *American journal of infection control*. | Malaysia | Narrative review |
| Hasan, M. Z., Al Kibria, G. M., & Alam, T. (2020). Pregnancy during the evolving pandemic Coronavirus Disease 2019 (COVID-19): A rapid scoping review of early evidence in the published literature. | USA | Scoping review |

## 2d: Misconceptions and Social Media

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Abidin, C., Lee, J., Barbetta, T., & Miao, W. S. (2020). Influencers and COVID-19: reviewing key issues in press coverage across Australia, China, Japan, and South Korea. *Media International Australia*, 1329878X20959838. | Australia  | Literature review |
| Alamoodi, A., Zaidan, B., Zaidan, A., Albahri, O., Mohammed, K., Malik, R., ... & Alaa, M. (2020). Sentiment analysis and its applications in fighting COVID-19 and infectious diseases: A systematic review. *Expert systems with applications*, 114155. | Malaysia | Systematic review |
| Srivastava, K. C., Shrivastava, D., Chhabra, K. G., Naqvi, W., & Sahu, A. (2020). Facade of media and social media during covid-19: A review. *International Journal of Research in Pharmaceutical Sciences*, *11*(Special Issue 1). | Saudi Arabia | Literature review |

## 2d: Lifestyle and Physical Activity

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Bentlage, E., Ammar, A., How, D., Ahmed, M., Trabelsi, K., Chtourou, H., & Brach, M. (2020). Practical recommendations for maintaining active lifestyle during the COVID-19 pandemic: a systematic literature review. *International Journal of Environmental Research and Public Health*, *17*(17), 6265. | Germany | Systematic review |
| Bentlage, E., Ammar, A., Chtourou, H., Trabelsi, K., How, D., Ahmed, M., & Brach, M. (2020). Practical recommendations for staying physically active during the COVID-19 pandemic: A systematic literature review. *medRxiv*. | Germany | Systematic review |
| Chandrasekaran, B., & Ganesan, T. B. (2020). Sedentarism and chronic disease risk in COVID 19 lockdown–a scoping review. *Scottish Medical Journal*, 0036933020946336. | India | Scoping review |
| Lakkadsha, T. M., Kumar, K., Naqvi, W. M., & Phansopkar, P. (2020). Pre-eminence of moderate to robust physical activity in battling COVID-19: A narrative review. *International Journal of Research in Pharmaceutical Sciences*, *11*(Special Issue 1). | India | Narrative review |
| Rahmati-Ahmadabad, S., & Hosseini, F. (2020). Exercise against SARS-CoV-2 (COVID-19): Does workout intensity matter? (A mini review of some indirect evidence related to obesity). *Obesity medicine*, *19*, 100245. | Iran | Literature review |
| Karamnova, N. S., & Drapkina, O. M. (2020). COVID-19 and nutrition: New emphases, old priorities (review of guidelines). *Cardiovascular Therapy and Prevention (Russian Federation)*, *19*(3). | Russia | Literature review |
| Panyod, S., Ho, C. T., & Sheen, L. Y. (2020). Dietary therapy and herbal medicine for COVID-19 prevention: A review and perspective. *Journal of traditional and complementary medicine*. | Taiwan | Literature review |

## 2e: Governance

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| **Citation** | **Country** | **Review Type** |
| Kiwanuka, F., Waswa, S., Alemayehu, Y. H., & Simbeye, J. A. (2020). Policy Decisions and Response to Fight 2019 Novel Coronavirus Disease in Uganda: A review of Attributes, Comprehensiveness and Implications to Improve Resilience to Future Pandemics. | Uganda | Literature review |
| Laufs, J., & Waseem, Z. (2020). Policing in pandemics: A systematic review and best practices for police response to COVID-19. *International journal of disaster risk reduction*, 101812. | UK | Systematic review |
| Lowry, E., Taddese, H., & Bowman, L. R. (2020). Rapid Systematic Review Exploring Historical and Present Day National and International Governance during Pandemics. *medRxiv*. | UK | Rapid review |

## 2f: Personal Protective Equipment

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| **Citation** | **Country** | **Review Type** |
| Bakhit, M., Krzyzaniak, N., Scott, A. M., Clark, J., Glasziou, P., & Del Mar, C. (2020). Downsides of face masks and possible mitigation strategies: a systematic review and meta-analysis. *MedRxiv*. | Australia | Systematic review |
| Bakhit, M., & Scott, A. Soap versus sanitiser for preventing the transmission of acute respiratory infections: a systematic review with meta-analysis and dose-response analysis. | Australia | Systematic review |
| Ha, J. F. (2020). The COVID‐19 pandemic, personal protective equipment and respirator: A narrative review. *International journal of clinical practice*, *74*(10), e13578. | Australia | Narrative review |
| Licina, A., & Silvers, A. (2020). Use of Powered Air-Purifying Respirator (PAPR) as part of protective equipment against SARS-CoV-2-a narrative review and critical appraisal of evidence. *American journal of infection control*. | Australia | Narrative review |
| Purushothaman, S., Fung, D., Reinders, J., Garrett-Walcott, S., Buda, M., Moudgil, V., & Emmerson, B. (2020). Electroconvulsive therapy, personal protective equipment and aerosol generating procedures: a review to guide practice during Coronavirus Disease 2019 (COVID-19) pandemic. *Australasian Psychiatry*, *28*(6), 632-635. | Australia | Literature review |
| Sarkis-Onofre, R., do Carmo Borges, R., Demarco, G., Dotto, L., Schwendicke, F., & Demarco, F. F. (2020). Decontamination of N95 respirators against SARS-CoV-2: a scoping review. *Journal of dentistry*, 103534. | Brazil | Scoping review |
| Bartoszko, J. J., Farooqi, M. A. M., Alhazzani, W., & Loeb, M. (2020). Medical masks vs N95 respirators for preventing COVID‐19 in healthcare workers: A systematic review and meta‐analysis of randomized trials. *Influenza and other respiratory viruses*, *14*(4), 365-373. | Canada | Systematic review |
| Beesoon, S., Behary, N., & Perwuelz, A. (2020). Universal masking during COVID-19 pandemic: Can textile engineering help public health? Narrative review of the evidence. *Preventive medicine*, 106236. | Canada | Narrative review |
| Chu, D. K., Akl, E. A., Duda, S., Solo, K., Yaacoub, S., Schünemann, H. J., ... & Reinap, M. (2020). Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis. *The Lancet*, *395*(10242), 1973-1987. | Canada | Systematic review |
| Clase, C. M., Fu, E. L., Ashur, A., Beale, R. C., Clase, I. A., Dolovich, M. B., ... & Carrero, J. J. (2020, July). Forgotten technology in the COVID-19 pandemic. filtration properties of cloth and cloth masks: a narrative review. In *Mayo Clinic Proceedings*. Elsevier. | Canada | Narrative review |
| Zorko, D. J., Gertsman, S., O’Hearn, K., Timmerman, N., Ambu-Ali, N., Dinh, T., ... & Choong, K. (2020). Decontamination interventions for the reuse of surgical mask personal protective equipment: a systematic review. *Journal of Hospital Infection*. | Canada | Systematic review |
| Liang, M., Gao, L., Cheng, C., Zhou, Q., Uy, J. P., Heiner, K., & Sun, C. (2020). Efficacy of face mask in preventing respiratory virus transmission: A systematic review and meta-analysis. *Travel medicine and infectious disease*, *36*, 101751. | China  | Systematic review |
| Li, Y., Liang, M., Gao, L., Ahmed, M. A., Uy, J. P., Cheng, C., ... & Sun, C. (2020). Face masks to prevent transmission of COVID-19: a systematic review and meta-analysis. *American Journal of Infection Control*. | China | Systematic review |
| Li, D. T., Samaranayake, L. P., Leung, Y. Y., & Neelakantan, P. (2020). Facial protection in the era of COVID‐19: A narrative review. *Oral diseases*. | Hong Kong | Narrative review |
| Sunny, C. L. A. (2020). Hand sanitizer associated ocular chemical injury: A mini-review on its rise under COVID-19. *Visual journal of emergency medicine*. | Hong Kong | Literature review |
| Aggarwal, N., Dwarakanathan, V., Gautam, N., & Ray, A. (2020). Facemasks for prevention of viral respiratory infections in community settings: A systematic review and meta-analysis. *Indian journal of public health*, *64*(6), 192. | India | Systematic review |
| Gupta, M., Gupta, K., & Gupta, S. (2020). The use of facemasks by the general population to prevent transmission of Covid 19 infection: A systematic review. *medRxiv*. | India | Systematic review |
| Mondal, A., Das, A., & Goswami, R. P. (2020). Utility of cloth masks in preventing respiratory infections: a systematic review. *medRxiv*. | India | Systematic review |
| Paul, D., Gupta, A., & Maurya, A. K. (2020). Exploring options for reprocessing of N95 Filtering Facepiece Respirators (N95-FFRs) amidst COVID-19 pandemic: A systematic review. *PloS one*, *15*(11), e0242474. | India | Systematic review |
| Saran, S., Gurjar, M., Baronia, A. K., Lohiya, A., Azim, A., Poddar, B., & Rao, N. S. (2020). Personal protective equipment during COVID-19 pandemic: a narrative review on technical aspects. *Expert Review of Medical Devices*, *17*(12), 1265-1276. | India | Narrative review |
| Sharma, R. P., Dutta, S., Kumar, T., Singh, S., & Sharma, A. (2020). Role of Alcohol Based Hand Rubs (ABHR) in the Covid-19 Era: A Concise Review. *International Journal of Pharmaceutical Sciences Review and Research*. | India | Literature review |
| Dehaghi, B. F., Ghodrati-Torbati, A., Teimori, G., Ghavamabadi, L. I., & Jamshidnezhad, A. (2020). Face masks vs. COVID-19: a systematic review. *Investigación y Educación en Enfermería*, *38*(2). | Iran | Systematic review |
| O’Dowd, K., Nair, K. M., Forouzandeh, P., Mathew, S., Grant, J., Moran, R., ... & Pillai, S. C. (2020). Face masks and respirators in the fight against the COVID-19 pandemic: a review of current materials, advances and future perspectives. *Materials*, *13*(15), 3363. | Ireland | Literature review |
| Toomey, E., Conway, Y., Burton, C., Smith, S., Smalle, M., Chan, X. H. S., ... & Greenhalgh, T. (2020). Extended use or re-use of single-use surgical masks and filtering facepiece respirators during COVID-19: A rapid systematic review. *Infection Control & Hospital Epidemiology*, 1-25. | Ireland | Rapid review |
| Coclite, D., Napoletano, A., Gianola, S., Del Monaco, A., D'Angelo, D., Fauci, A., ... & Iannone, P. (2020). Face mask use in the Community for Reducing the Spread of COVID-19: a systematic review. *medRxiv*. | Italy | Systematic review |
| Iannone, P., Castellini, G., Coclite, D., Napoletano, A., Fauci, A. J., Iacorossi, L., ... & Gianola, S. (2020). The need of health policy perspective to protect Healthcare Workers during COVID-19 pandemic. A GRADE rapid review on the N95 respirators effectiveness. *PloS one*, *15*(6), e0234025. | Italy | Rapid review |
| Berardi, A., Perinelli, D. R., Merchant, H. A., Bisharat, L., Basheti, I. A., Bonacucina, G., ... & Palmieri, G. F. (2020). Hand sanitisers amid CoViD-19: A critical review of alcohol-based products on the market and formulation approaches to respond to increasing demand. *International journal of pharmaceutics*, 119431. | Jordan | Critical review |
| Derraik, J. G., Anderson, W. A., Connelly, E. A., & Anderson, Y. C. (2020). Rapid review of SARS-CoV-1 and SARS-CoV-2 viability, susceptibility to treatment, and the disinfection and reuse of PPE, particularly filtering facepiece respirators. *International journal of environmental research and public health*, *17*(17), 6117. | New Zealand | Rapid review |
| Arellano-Cotrina, J. J., Marengo-Coronel, N., Atoche-Socola, K. J., Peña-Soto, C., & Arriola-Guillén, L. E. (2020). Effectiveness and recommendations for the use of dental masks in the prevention of COVID-19: a literature review. *Disaster medicine and public health preparedness*, 1-6. | Peru | Literature review |
| Lee, H. C., & Goh, C. L. (2020). Occupational dermatoses from Personal Protective Equipment during the COVID‐19 pandemic in the tropics–A Review. *Journal of the European Academy of Dermatology and Venereology*. | Singapore | Literature review |
| Seresirikachorn, K., Phoophiboon, V., Chobarporn, T., Tiankanon, K., Aeumjaturapat, S., Chusakul, S., & Snidvongs, K. (2020). Decontamination and reuse of surgical masks and N95 filtering facepiece respirators during the COVID-19 pandemic: A systematic review. *Infection Control & Hospital Epidemiology*, 1-6. | Thailand | Systematic review |
| Brainard, J. S., Jones, N., Lake, I., Hooper, L., & Hunter, P. (2020). Facemasks and similar barriers to prevent respiratory illness such as COVID-19: A rapid systematic review. *MedRxiv*. | UK | Rapid review |
| Cook, T. M. (2020). Personal protective equipment during the coronavirus disease (COVID) 2019 pandemic–a narrative review. *Anaesthesia*, *75*(7), 920-927. | UK | Narrative review |
| Chou, R., Dana, T., Jungbauer, R., Weeks, C., & McDonagh, M. S. (2020). Masks for prevention of respiratory virus infections, including SARS-CoV-2, in health care and community settings: a living rapid review. *Annals of internal medicine*, *173*(7), 542-555. | USA | Rapid review |
| Freedman, D. O., & Wilder-Smith, A. (2020). In-flight transmission of SARS-CoV-2: a review of the attack rates and available data on the efficacy of face masks. *Journal of Travel Medicine*, *27*(8), taaa178. | USA | Literature review |
| Sud, S. R. (2020). COVID-19 and Keeping Clean: A Narrative Review To Ascertain the Efficacy of Personal Protective Equipment To Safeguard Health Care Workers Against SARS-CoV-2. *Hospital pediatrics*, *10*(7), 570-576. | USA | Narrative review |
| Tirupathi, R., Bharathidasan, K., Palabindala, V., Salim, S. A., & Al-Tawfiq, J. A. (2020). Comprehensive review of mask utility and challenges during the COVID-19 pandemic. *Infez Med*, *28*(suppl 1), 57-63. | USA | Literature review |

## 2g: Quarantine and Lockdown

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| **Citation** | **Country** | **Review Type** |
| Nussbaumer-Streit, B., Mayr, V., Dobrescu, A. I., Chapman, A., Persad, E., Klerings, I., ... & Gartlehner, G. (2020). Quarantine alone or in combination with other public health measures to control COVID‐19: a rapid review. *Cochrane Database of Systematic Reviews*, (9). | Austria | Rapid review |
| Taghrir, M. H., Akbarialiabad, H., & Marzaleh, M. A. (2020). Efficacy of mass quarantine as leverage of health system governance during COVID-19 outbreak: a mini policy review. *Archives of Iranian medicine*, *23*(4), 265-267. | China | Literature review |
| Volkan, E., & Volkan, E. (2020). Under the COVID-19 lockdown: Rapid review about the unique case of North Cyprus. *Psychological Trauma: Theory, Research, Practice, and Policy*. | Cyprus | Rapid review |
| Girum, T., Lentiro, K., Geremew, M., Migora, B., & Shewamare, S. (2020). Global strategies and effectiveness for COVID-19 prevention through contact tracing, screening, quarantine, and isolation: a systematic review. *Tropical medicine and health*, *48*(1), 1-15. | Ethiopia | Systematic review |
| Grech, V., Grech, E., & Myatt, J. B. (2020). Holidays over: a review of actual COVID-19 school outbreaks up to September 2020. *Early Human Development*, 105206. | Malta | Literature review |
| Nafees, M., & Khan, F. (2020). Pakistan’s Response to COVID-19 Pandemic and Efficacy of Quarantine and Partial Lockdown: A Review. Electron J Gen Med. 2020; 17 (2): emXXX. | Pakistan | Literature review |
| Schmidt, B., Davids, E. L., & Malinga, T. (2020). Quarantine alone or in combination with other public health measures to control COVID-19: A rapid Cochrane review. *SAMJ: South African Medical Journal*, *110*(6), 1-2. | South Africa  | Rapid review |
| Abad-Corpa, E., Sánchez-López, D., & Moreno-Casbas, M. T. (2020). Scoping review about the recommendations for home isolation in the COVID-19 pandemic. *Enfermeria Clinica*. | Spain | Scoping review |
| Viner, R. M., Russell, S. J., Croker, H., Packer, J., Ward, J., Stansfield, C., ... & Booy, R. (2020). School closure and management practices during coronavirus outbreaks including COVID-19: a rapid systematic review. *The Lancet Child & Adolescent Health*, *4*(5), 397-404. | UK | Rapid review |
| Sheen, A., Ro, G., Holani, K., Dos Santos, A. C. Z. P., Kagadkar, F., & Zeshan, M. (2020). 51.7 IMPACT OF COVID-19–RELATED SCHOOL CLOSURES ON CHILDREN AND ADOLESCENTS WORLDWIDE: A LITERATURE REVIEW. *Journal of the American Academy of Child and Adolescent Psychiatry*, *59*(10), S253. | USA | Literature review |

## 2h: Reopening

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| **Citation** | **Country** | **Review Type** |
| Munnoli, P. M., Nabapure, S., & Yeshavanth, G. (2020). Post-COVID-19 precautions based on lessons learned from past pandemics: a review. *Journal of Public Health*, 1-9. | India | Literature review |
| Askarian, M., Groot, G., Taherifard, E., Taherifard, E., Akbarialiabad, H., Borazjani, R., ... & Taghrir, M. H. (2020). Basics of developing a COVID-19 reopening roadmap, a systematic scoping review of reopening roadmaps. | Iran | Scoping review |
| D'angelo, D., Sinopoli, A., Napoletano, A., Gianola, S., Castellini, G., Del Monaco, A., ... & Iannone, P. (2020). Strategies to exiting the COVID-19 lockdown for workplace and school: A scoping review. *Safety science*, 105067. | Italy | Scoping review |
| Lo Moro, G., Sinigaglia, T., Bert, F., Savatteri, A., Gualano, M. R., & Siliquini, R. (2020). Reopening schools during the COVID-19 pandemic: Overview and rapid systematic review of guidelines and recommendations on preventive measures and the management of cases. *International journal of environmental research and public health*, *17*(23), 8839. | Italy | Rapid review |
| Ryan, J., Okeibunor, J., Talisuna, A., & Wiysonge, C. S. (2020). Setting up and relaxation of public health social and physical distancing measures for COVID-19: a rapid review. *The Pan African Medical Journal*, *35*(76). | South Africa | Rapid review |
| DOVe, J., Gage, A., KRiz, P., TaBaDDOR, R. R., & Owens, B. D. (2020). COVID-19 and review of current recommendations for return to athletic play. *Rhode Island medical journal*, *103*(7), 15-20. | USA | Literature review |

## 2i: Air Travel

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| **Citation** | **Country** | **Review Type** |
| Khatib, A. N., Carvalho, A. M., Primavesi, R., To, K., & Poirier, V. (2020). Navigating the risks of flying during COVID-19: a review for safe air travel. *Journal of travel medicine*, *27*(8), taaa212. | Canada | Literature review |
| Grepin, K. A., Ho, T. L., Liu, Z., Marion, S., Piper, J., Worsnop, C. Z., & Lee, K. (2020). Evidence of the effectiveness of travel-related measures during the early phase of the COVID-19 pandemic: a rapid systematic review. *medRxiv*. | China | Rapid review |
| Burns, J., Movsisyan, A., Stratil, J. M., Coenen, M., Emmert-Fees, K. M., Geffert, K., ... & Rehfuess, E. (2020). Travel‐related control measures to contain the COVID‐19 pandemic: a rapid review. *Cochrane Database of Systematic Reviews*, (9). | Germany | Rapid review |
| Bielecki, M., Patel, D., Hinkelbein, J., Komorowski, M., Kester, J., Ebrahim, S., ... & Schlagenhauf, P. (2020). Reprint of: Air travel and COVID-19 prevention in the pandemic and peri-pandemic period: A narrative review. *Travel medicine and infectious disease*, *38*, 101939. | Switzerland | Narrative review |

## 2j: Contact Tracing

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| **Citation** | **Country** | **Review Type** |
| Juneau, C. E., Briand, A. S., Pueyo, T., Collazzo, P., & Potvin, L. (2020). Effective contact tracing for COVID-19: A systematic review. *medRxiv*. | Canada  | Systematic review |
| Khan, M. B., Zhang, Z., Li, L., Zhao, W., Hababi, M. A. M. A., Yang, X., & Abbasi, Q. H. (2020). A Systematic Review of Non-Contact Sensing for Developing a Platform to Contain COVID-19. *Micromachines*, *11*(10), 912. | China | Systematic review |
| Girum, T., Lentiro, K., Geremew, M., Migora, B., & Shewamare, S. (2020). Global strategies and effectiveness for COVID-19 prevention through contact tracing, screening, quarantine, and isolation: a systematic review. *Tropical medicine and health*, *48*(1), 1-15. | Ethiopia | Systematic review |
| Cardwell, K., Jordan, K., Byrne, P., Smith, S. M., Harrington, P., Ryan, M., & O'Neill, M. (2020). The effectiveness of non‐contact thermal screening as a means of identifying cases of Covid‐19: a rapid review of the evidence. *Reviews in Medical Virology*, e2192. | Ireland | Rapid review |
| Chung, S. C., Marlow, S., Tobias, N., Alogna, I., Alogna, A., & You, S. L. (2020). A rapid systematic review and case study on test, contact tracing, testing, and isolation policies for Covid-19 prevention and control. *medRxiv*. | UK | Rapid review |
| Taylor, W., Abbasi, Q. H., Dashtipour, K., Ansari, S., Shah, S. A., Khalid, A., & Imran, M. A. (2020). A Review of the State of the Art in Non-Contact Sensing for COVID-19. *Sensors*, *20*(19), 5665. | UK | Literature review |
| Brammer, C., Donohue, S., Elwell, T., Fishbein, E., Horne, D., Lloyd-Krejci, B., ... & Winterbauer, E. (2020, September). Qualitative review of early experiences of off-site COVID-19 testing centers and associated considerations. In *Healthcare* (Vol. 8, No. 3, p. 100449). Elsevier. | USA | Systematic review |

## 2k: Physical Distancing

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| **Citation** | **Country** | **Review Type** |
| Chu, D. K., Akl, E. A., Duda, S., Solo, K., Yaacoub, S., Schünemann, H. J., ... & Reinap, M. (2020). Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis. *The Lancet*, *395*(10242), 1973-1987. | Canada | Systematic review |
| Regmi, K., & Lwin, C. M. (2020). Factors impacting social distancing measures for preventing coronavirus disease 2019 [COVID-19]: A systematic review. | UK | Systematic review |
| Sadjadi, M., Moerschel, K. S., & Petticrew, M. (2020). Social distancing: barriers to its implementation and how they can be overcome-a rapid systematic review and synthesis of qualitative studies. *medRxiv*. | UK | Rapid review |

## 2l: Environmental Disinfection and Cleansing

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| **Citation** | **Country** | **Review Type** |
| Guo, M., Xu, P., Xiao, T., He, R., Dai, M., & Zhang, Y. (2020). Review and comparison of HVAC operation guidelines in different countries during the COVID-19 pandemic. *Building and Environment*, 107368. | China | Literature review |
| Noorimotlagh, Z., Mirzaee, S. A., Jaafarzadeh, N., Maleki, M., Kalvandi, G., & Karami, C. (2020). A systematic review of emerging human coronavirus (SARS-CoV-2) outbreak: focus on disinfection methods, environmental survival, and control and prevention strategies. *Environmental Science and Pollution Research*, 1-15. | Iran | Systematic review |
| Sharafi, S. M., Ebrahimpour, K., & Nafez, A. (2020). Environmental disinfection against COVID-19 in different areas of health care facilities: a review. *Reviews on environmental health*, *1*(ahead-of-print). | Iran | Literature review |
| Chirico, F., Sacco, A., Bragazzi, N. L., & Magnavita, N. (2020). Can air-conditioning systems contribute to the spread of SARS/MERS/COVID-19 infection? Insights from a rapid review of the literature. *International journal of environmental research and public health*, *17*(17), 6052. | Italy | Rapid review |
| Foladori, P., Cutrupi, F., Segata, N., Manara, S., Pinto, F., Malpei, F., ... & La Rosa, G. (2020). SARS-CoV-2 from faeces to wastewater treatment: what do we know? A review. *Science of the Total Environment*, *743*, 140444. | Italy | Literature review |
| Bedrosian, N., Mitchell, E., Rohm, E., Rothe, M., Kelly, C., String, G., & Lantagne, D. (2020). A Systematic Review of Surface Contamination, Stability, and Disinfection Data on SARS-CoV-2 (Through July 10, 2020). *Environmental Science & Technology*. | USA | Systematic review |

## 2m: Technological Tools

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| **Citation** | **Country** | **Review Type** |
| Ming, L. C., Untong, N., Aliudin, N. A., Osili, N., Kifli, N., Tan, C. S., ... & Goh, H. P. (2020). Mobile health apps on COVID-19 launched in the early days of the pandemic: content analysis and review. *JMIR mHealth and uHealth*, *8*(9), e19796. | Brunei Darussalam | Literature review |
| Kondylakis, H., Katehakis, D. G., Kouroubali, A., Logothetidis, F., Triantafyllidis, A., Kalamaras, I., ... & Tzovaras, D. (2020). COVID-19 Mobile Apps: A Systematic Review of the Literature. *Journal of medical Internet research*, *22*(12), e23170. | Greece  | Systematic review |
| Behera, B. C., Mishra, R. R., & Thatoi, H. Recent Biotechnological Tools for Diagnosis of COVID-19 Disease: A review. *Biotechnology progress*. | India | Literature review |
| Elavarasan, R. M., & Pugazhendhi, R. (2020). Restructured society and environment: A review on potential technological strategies to control the COVID-19 pandemic. *Science of The Total Environment*, *725*, 138858. | India | Literature review |
| KulKarni, P., Kodad, S., Mahadevappa, M., & Kulkarni, S. (2020). Utility of Digital Technology in Tackling the COVID-19 Pandemic: A Current Review. *Journal of Clinical and Diagnostic Research*. | India | Literature review |
| Khaleghi, A., Mohammadi, M. R., Jahromi, G. P., & Zarafshan, H. (2020). New Ways to Manage Pandemics: Using Technologies in the Era of COVID-19: A Narrative Review. *Iranian journal of psychiatry*, *15*(3), 236. | Iran | Narrative review |
| Mastaneh, Z., & Mouseli, A. (2020). Technology and its Solutions in the Era of COVID-19 Crisis: A Review of Literature. *Evidence Based Health Policy, Management and Economics*, *4*(2), 138-149. | Iran | Literature review |
| Mehraeen, M., Dadkhah, M., & Mehraeen, A. (2020). Investigating the capabilities of information technologies to support policymaking in COVID‐19 crisis management; a systematic review and expert opinions. *European journal of clinical investigation*, *50*(11), e13391. | Iran | Systematic review |
| Albahri, A. S., Hamid, R. A., Alwan, J. K., Al-Qays, Z. T., Zaidan, A. A., Zaidan, B. B., ... & Madhloom, H. T. (2020). Role of biological data mining and machine learning techniques in detecting and diagnosing the novel coronavirus (COVID-19): a systematic review. *Journal of medical systems*, *44*, 1-11. | Iraq | Systematic review |
| Giri, B., Pandey, S., Shrestha, R., Pokharel, K., Ligler, F. S., & Neupane, B. B. (2020). Review of analytical performance of COVID-19 detection methods. *Analytical and bioanalytical chemistry*, 1-14. | Nepal | Literature review |
| Naseem, M., Akhund, R., Arshad, H., & Ibrahim, M. T. (2020). Exploring the Potential of Artificial Intelligence and Machine Learning to Combat COVID-19 and Existing Opportunities for LMIC: A Scoping Review. *Journal of Primary Care & Community Health*, *11*, 2150132720963634. | Pakistan | Scoping review |
| Alabool, H., Alarabiat, D., Abualigah, L., Habib, M., Khasawneh, A. M., Alshinwan, M., & Shehab, M. (2020). Artificial Intelligence Techniques for Containment COVID-19 Pandemic: A Systematic Review. | Saudi Arabia | Systematic review |
| Agbehadji, I. E., Awuzie, B. O., Ngowi, A. B., & Millham, R. C. (2020). Review of big data analytics, artificial intelligence and nature-inspired computing models towards accurate detection of COVID-19 pandemic cases and contact tracing. *International journal of environmental research and public health*, *17*(15), 5330. | South Africa | Literature review |
| Lin, C., Braund, W. E., Auerbach, J., Chou, J. H., Teng, J. H., Tu, P., & Mullen, J. (2020). POLICY REVIEW Policy Decisions and Use of Information Technology to Fight COVID-19, Taiwan. *Emerging Infectious Diseases*, *26*(7). | Taiwan | Literature review |
| Braithwaite, I., Callender, T., Bullock, M., & Aldridge, R. W. (2020). Automated and partly automated contact tracing: a systematic review to inform the control of COVID-19. *The Lancet Digital Health*. | UK | Systematic review |
| Gold, N., Hu, X. Y., Denford, S., Xia, R. Y., Towler, L., Groot, J., ... & Yardley, L. (2020). Effectiveness of digital interventions to improve household and community infection prevention and control behaviours and to reduce incidence of respiratory and/or gastro-intestinal infections: A rapid systematic review. *medRxiv*. | UK | Rapid review |
| Wilcha, R. J. (2020). Effectiveness of virtual medical teaching during the COVID-19 crisis: systematic review. *JMIR Medical Education*, *6*(2), e20963. | UK | Systematic review |
| Lu, D., Huang, Z., Luo, J., Zhang, X., & Sha, S. (2020). Primary concentration–The critical step in implementing the wastewater based epidemiology for the COVID-19 pandemic: A mini-review. *Science of The Total Environment*, *747*, 141245. | USA | Literature review |

## 2n: Statistical Modelling

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| **Citation** | **Country** | **Review Type** |
| Guan, J., Wei, Y., Zhao, Y., & Chen, F. (2020). Modeling the transmission dynamics of COVID-19 epidemic: a systematic review. *Journal of Biomedical Research*, *34*(6), 422. | China | Systematic review |
| Lin, Y. F., Duan, Q., Zhou, Y., Yuan, T., Li, P., Fitzpatrick, T., ... & Zou, H. (2020). Spread and impact of COVID-19 in China: a systematic review and synthesis of predictions from transmission-dynamic models. *frontiers in Medicine*, *7*, 321. | China | Systematic review |
| Gola, A., Arya, R. K., & Dugh, R. (2020). Review of Forecasting Models for Coronavirus (COVID-19) Pandemic in India during Country-wise Lockdown. *medRxiv*. | India | Literature review |
| Kotwal, A., Yadav, A. K., Yadav, J., Kotwal, J., & Khune, S. (2020). Predictive models of COVID-19 in India: a rapid review. *Medical Journal Armed Forces India*, *76*(4), 377-386. | India | Rapid review |
| Lahiri, A., Jha, S. S., Bhattacharya, S., Ray, S., & Chakraborty, A. (2020). Effectiveness of preventive measures against COVID-19: A systematic review of In Silico modeling studies in indian context. *Indian journal of public health*, *64*(6), 156. | India | Systematic review |
| Shah, K., Awasthi, A., Modi, B., Kundapur, R., & Saxena, D. B. (2020). Unfolding trends of COVID-19 transmission in India: Critical review of available Mathematical models. *Indian Journal of Community Health*, *32*(2). | India | Critical review |
| Rezapour, A., Souresrafil, A., Peighambari, M. M., Heidarali, M., & Tashakori-Miyanroudi, M. (2020). Economic evaluation studies of programs against COVID-19: a systematic review of the literature. *International Journal of Surgery*. | Iran | Systematic review |
| Rahimi, I., Chen, F., & Gandomi, A. H. (2020). A Review on COVID-19 Forecasting Models. | Malaysia | Literature review |
| Franch-Pardo, I., Napoletano, B. M., Rosete-Verges, F., & Billa, L. (2020). Spatial analysis and GIS in the study of COVID-19. A review. *Science of The Total Environment*, *739*, 140033. | Mexico | Literature review |
| Christensen, H., Turner, K., Trickey, A., Booton, R. D., Hemani, G., Nixon, E., ... & Pollock, E. B. (2020). COVID-19 transmission in a university setting: a rapid review of modelling studies. *medRxiv*. | UK | Rapid review |

## 2o: Modes of Transmission

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Zhen, J., Chan, C., Schoonees, A., Apatu, E., Thabane, L., & Young, T. (2020). Transmission of respiratory viruses when using public ground transport: A rapid review to inform public health recommendations during the COVID-19 pandemic. *SAMJ: South African Medical Journal*, *110*(6), 478-483. | Canada | Rapid review |
| Lei, H., Xu, X., Xiao, S., Wu, X., & Shu, Y. (2020). Household transmission of COVID-19-a systematic review and meta-analysis. *The Journal of infection*, *81*(6), 979. | China  | Systematic review |
| Kyriakopoulos, A. M., Papaefthymiou, A., Georgilas, N., Doulberis, M., & Kountouras, J. (2020). The Potential Role of Super Spread Events in SARS-COV-2 Pandemic; a Narrative Review. *Archives of academic emergency medicine*, *8*(1). | Greece  | Narrative review |
| Ashwini, K., Anjali, A. K., & Sivaswamy, V. (2020). Role of aerosols in the spread of covid-19-a review. *International Journal of Research in Pharmaceutical Sciences*, *11*(Special Issue 1). | India | Literature review |
| Mukhra, R., Krishan, K., & Kanchan, T. (2020). Possible modes of transmission of novel coronavirus SARS-CoV-2: a review. *Acta Bio Medica: Atenei Parmensis*, *91*(3), e2020036. | India | Literature review |
| Shah, K., Saxena, D., & Mavalankar, D. (2020). Secondary attack rate of COVID-19 in household contacts: a systematic review. *QJM: An International Journal of Medicine*, *113*(12), 841-850. | India | Systematic review |
| Falahi, S., & Kenarkoohi, A. (2020). Transmission routes for SARS-CoV-2 infection: review of evidence. *New Microbes and new Infections*, *38*, 100778-100778. | Iran | Literature review |
| Jayaweera, M., Perera, H., Gunawardana, B., & Manatunge, J. (2020). Transmission of COVID-19 virus by droplets and aerosols: A critical review on the unresolved dichotomy. *Environmental research*, 109819. | Sri Lanka | Critical review |
| Ludvigsson, J. F. (2020). Children are unlikely to be the main drivers of the COVID‐19 pandemic–a systematic review. *Acta Paediatrica*, *109*(8), 1525-1530. | Sweden | Systematic review |
| Li, X., Xu, W., Dozier, M., He, Y., Kirolos, A., & Theodoratou, E. (2020). The role of children in transmission of SARS-CoV-2: a rapid review. *Journal of global health*, *10*(1). | UK | Rapid review |
| Viner, R. M., Mytton, O. T., Bonell, C., Melendez-Torres, G. J., Ward, J., Hudson, L., ... & Eggo, R. M. (2020). Susceptibility to SARS-CoV-2 infection among children and adolescents compared with adults: a systematic review and meta-analysis. *JAMA pediatrics*. | UK | Systematic review |
| Weed, M., & Foad, A. (2020). Rapid scoping review of evidence of outdoor transmission of covid-19. *medRxiv*. | UK | Rapid review |
| Bulfone, T. C., Malekinejad, M., Rutherford, G. W., & Razani, N. (2020). Outdoor Transmission of SARS-CoV-2 and Other Respiratory Viruses, a Systematic Review. *The Journal of infectious diseases*. | USA | Systematic review |
| Kohanski, M. A., Lo, L. J., & Waring, M. S. (2020, October). Review of indoor aerosol generation, transport, and control in the context of COVID‐19. In *International forum of allergy & rhinology* (Vol. 10, No. 10, pp. 1173-1179). | USA | Literature review |
| Kutti-Sridharan, G., Vegunta, R., Vegunta, R., Mohan, B. P., & Rokkam, V. R. (2020). SARS-CoV2 in different body fluids, risks of transmission, and preventing COVID-19: a comprehensive evidence-based review. *International journal of preventive medicine*, *11*. | USA | Literature review |

## 2p: Engagement

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| **Citation** | **Country** | **Review Type** |
| Gilmore, B., Ndejjo, R., Tchetchia, A., De Claro, V., Mago, E., Lopes, C., & Bhattacharyya, S. (2020). Community engagement for COVID-19 prevention and control: a rapid evidence synthesis. *BMJ global health*, *5*(10), e003188. | Ireland  | Rapid review |
| Frazer, J. S., Shard, A., & Herdman, J. (2020). Involvement of the open-source community in combating the worldwide COVID-19 pandemic: a review. *Journal of medical engineering & technology*, *44*(4), 169-176. | UK | Literature review |

## 2q: Safe Handling of Bodies

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| **Citation** | **Country** | **Review Type** |
| Rani, S. (2020). A review of the management and safe handling of bodies in cases involving COVID-19. *Medicine, Science and the Law*, *60*(4), 287-293. | India | Literature review |

## 2r: Institutional or Community Responses

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Mackenzie, J. S., & Smith, D. W. (2020). COVID-19—A Novel Zoonotic Disease: A Review of the Disease, the Virus, and Public Health Measures. *Asia Pacific Journal of Public Health*, *32*(4), 145-153. | Australia | Literature review |
| Payne, J. L., & Hanley, N. (2020). COVID-19 and corrections in Australia: A summary review of the available data and literature. *Victims & Offenders*, 1-18. | Australia | Literature review |
| Siam, M., Banna, H., Nishat, N. H., Ahmed, A., & Hossain, M. S. (2020). Stopping the COVID-19 Pandemic: A Review on the Advances of Diagnosis, Treatment, and Control Measures. *Journal of Pathogens*, *2020*. | Bangladesh | Literature review |
| Jotz, G. P., Stein, A., Sirena, S., Barros, E., Baldisserotto, J., Figueiredo, J. A. P. D., ... & Dora, C. (2020). The COVID-19 Pandemic and Planetary Health. A Critical Review of Epidemiology, Prevention, Clinical Characteristics and Treatments for Oral, Head and Neck Health Professionals. Do We Have a Roadmap?. *International archives of otorhinolaryngology*, *24*(3), 351-358. | Brazil | Critical review |
| Juneau, C. E., Briand, A. S., Pueyo, T., Collazzo, P., & Potvin, L. (2020). Effective contact tracing for COVID-19: A systematic review. *medRxiv*. | Canada | Systematic review |
| Juneau, C. E., Pueyo, T., Bell, M., Gee, G., Collazzo, P., & Potvin, L. (2020). Evidence-Based, Cost-Effective Interventions To Suppress The COVID-19 Pandemic: A Systematic Review. *Medrxiv*. | Canada | Systematic review |
| Rios, P., Radhakrishnan, A., Williams, C., Ramkissoon, N., Cormack, G. V., Grossman, M. R., ... & Tricco, A. C. (2020). Preventing the transmission of COVID-19 and other coronaviruses in older adults aged 60 years and above living in long-term care: a rapid review. *Systematic reviews*, *9*(1), 1-8. | Canada | Rapid review |
| Adhikari, S. P., Meng, S., Wu, Y. J., Mao, Y. P., Ye, R. X., Wang, Q. Z., ... & Zhou, H. (2020). Epidemiology, causes, clinical manifestation and diagnosis, prevention and control of coronavirus disease (COVID-19) during the early outbreak period: a scoping review. *Infectious diseases of poverty*, *9*(1), 1-12. | China | Scoping review |
| Ahmad, T., HAROON, H., DHAMA, K., Sharun, K., Khan, F. M., Ahmed, I., ... & Hui, J. (2020). Biosafety and biosecurity approaches to restrain/contain and counter SARS-CoV-2/COVID-19 pandemic: a rapid-review. *Turkish journal of biology*, *44*(SI-1), 132-145. | China | Rapid review |
| Chan, E. Y. Y., Shahzada, T. S., Sham, T. S. T., Dubois, C., Huang, Z., Liu, S., ... & Shaw, R. (2020). Narrative review of non-pharmaceutical behavioural measures for the prevention of COVID-19 (SARS-CoV-2) based on the Health-EDRM framework. *British Medical Bulletin*. | China | Narrative review |
| Khan, M. B., Zhang, Z., Li, L., Zhao, W., Hababi, M. A. M. A., Yang, X., & Abbasi, Q. H. (2020). A Systematic Review of Non-Contact Sensing for Developing a Platform to Contain COVID-19. *Micromachines*, *11*(10), 912. | China | Systematic review |
| Zanin, M., Xiao, C., Liang, T., Ling, S., Zhao, F., Huang, Z., ... & Wong, S. S. (2020). The public health response to the COVID-19 outbreak in mainland China: a narrative review. *Journal of thoracic disease*, *12*(8), 4434. | China | Narrative review |
| Zhou, H., Adhikari, S. P., Meng, S., Wu, Y., Mao, Y., Ye, R., ... & Raat, H. (2020). A scoping review of 2019 Novel Coronavirus during the early outbreak period: Epidemiology, causes, clinical manifestation and diagnosis, prevention and control. | China | Scoping review |
| Berhe, B., Legese, H., Degefa, H., Adhanom, G., Gebrewahd, A., Mardu, F., ... & Negash, H. (2020). Global epidemiology, pathogenesis, immune response, diagnosis, treatment, economic and psychological impact, challenges, and future prevention of COVID-19: A scoping review. *MedRxiv*. | Ethiopia | Scoping review |
| Gebru, A. A., Birhanu, T., Wendimu, E., Ayalew, A. F., Mulat, S., Abasimel, H. Z., ... & Yusuf, Q. K. (2020). The level of risk, effects response to potential health emergencies, prevention and control method of coronavirus: A systematic review. *Human Antibodies*, (Preprint), 1-20. | Ethiopia | Systematic review |
| Getaneh, Y., Yizengaw, A., Adane, S., Zealiyas, K., Abate, Z., Leulseged, S., ... & Abate, E. (2020). Global lessons and Potential strategies in combating COVID-19 pandemic in Ethiopia: Systematic Review. *medRxiv*. | Ethiopia | Systematic review |
| Cheatley, J., Vuik, S., Devaux, M., Scarpetta, S., Pearson, M., Colombo, F., & Cecchini, M. (2020). The effectiveness of non-pharmaceutical interventions in containing epidemics: a rapid review of the literature and quantitative assessment. *medRxiv*. | France | Rapid review |
| Ahmad, S., Rageeb, M., Usman, M., Baviskar, K. D., & Patil, T. P. (2020). Break the chain of coronavirus disease (COVID-19) infection: A review. *International Journal of Pharmaceutical Sciences Review and Research*, 187-191. | India | Literature review |
| Arora, A., Kumari, A., Arora, A. K., Katual, M., Sharma, A., Kumar, R., & Kaur, G. (2020). A comprehensive review on COVID-19 (Corona virus) pandemic–challenges and opportunities with special reference to public health domain. *International Journal of Pharmaceutical Sciences Review and Research*, 203-211. | India | Literature review |
| Jotheeswari, P., Yuvaraj, M., Balaji, K., Raghunath, G., & Kumaresan, M. (2020). Possible preventive measures against the spread of COVID-19- A Review article. *International Journal of Research in Pharmaceutical Sciences,*  | India | Literature review |
| Subramanian, K., Antonyraj, A. P. M., Nainangu, P., Renuka, P. S., Thirunavukarasu, R., Balamurugan, S., Selvaraj, B., Gopal, S., Srinivasan, G. P., Elango, P. K., Balakrishnan, B., & Aruni, A. W. (2020). Novel coronavirus (Covid-19): A review on epidemiology, pathophysiology, molecular mechanism, therapeutic evidence and preventive measures. *Oriental Journal of Chemistry, 36*(4). | India | Literature review |
| Zodpey, S., Negandhi, H., Dua, A., Vasudevan, A., & Raja, M. (2020). Our fight against the rapidly evolving COVID-19 pandemic: A review of India's actions and proposed way forward. *Indian Journal of Community Medicine: Official Publication of Indian Association of Preventive & Social Medicine*, *45*(2), 117. | India | Literature review |
| Arefi, M. F., & Poursadeqiyan, M. (2020). A review of studies on the epidemic crisis of COVID-19 disease with a preventive approach. *Work*, (Preprint), 1-13. | Iran | Literature review |
| Mortazavi, S. A., Ghadimi-Moghadam, A., Haghani, M., Ahangar, A. K., Mortazavi, S. M. J., & Jafarzadeh, A. (2020). Health Care Policy Makers’ Response to COVID-19 Pandemic; Pros and Cons of “Flattening the Curve” from the “Selective Pressure” Point of View: A Review. *Iranian Journal of Public Health*, *49*(6), 1053-1059. | Iran | Literature review |
| Tabari, P., Amini, M., Moghadami, M., & Moosavi, M. (2020). International public health responses to COVID-19 outbreak: a rapid review. *Iranian Journal of Medical Sciences*, *45*(3), 157. | Iran | Rapid review |
| Cardwell, K., Jordan, K., Byrne, P., Smith, S. M., Harrington, P., Ryan, M., & O'Neill, M. (2020). The effectiveness of non‐contact thermal screening as a means of identifying cases of Covid‐19: a rapid review of the evidence. *Reviews in Medical Virology*, e2192. | Ireland | Rapid review |
| Ehtesham, M., Almas, T., Akbar, A., Niaz, M. A., & Zia, N. (2020). Towards Effective Management Protocols: A Transnational Review of the State-of-the-Art of Coronavirus Disease 2019 (COVID-19) in Pakistan and the United Arab Emirates. *Cureus*, *12*(6). | Ireland | Literature review |
| Goumenou, M., Sarigiannis, D., Tsatsakis, A., Anesti, O., Docea, A. O., Petrakis, D., ... & Calina, D. (2020). COVID‑19 in Northern Italy: An integrative overview of factors possibly influencing the sharp increase of the outbreak. *Molecular Medicine Reports*, *22*(1), 20-32. | Italy | Integrative review |
| Sugiyama, T., Imai, K., Higashi, T., Tomio, J., & Tamiya, N. (2020). Strengthening public health response after COVID-19: Review of the Centers for Disease Control and Prevention of the United States to envision "Japan CDC." *[Nihon koshu eisei zasshi] Japanese journal of public health*, *67*(9), 567–572. https://doi.org/10.11236/jph.20-069 | Japan | Literature review |
| Chisale, M. R., Ramazanu, S., Wu, J. T. S., Sinyiza, F. W., Bvumbwe, T., Nyambalo, B., & Mbakaya, B. C. (2020). Community-based interventions for preventing COVID-19 transmission in low-and middle-income countries: A systematic review. | Malawi | Systematic review |
| Azhar, Z. I., Chen, X. W., Mohamad, M., Saman, M. S. A., Isa, M. R., & Ismail, N. (2020). COVID-19 Review: An Epidemiological Perspective and Malaysian Scenario in Handling the Pandemic (January–May 2020). *Journal of Clinical and Health Sciences*, *5*(1), 26-41. | Malaysia | Literature review |
| Rampal, L., Liew, B. S., Choolani, M., Ganasegeran, K., Pramanick, A., Vallibhakara, S. A., ... & Hoe, V. C. (2020). Battling COVID-19 pandemic waves in six South-East Asian countries: A real-time consensus review. *Med J Malaysia*, *75*(6), 613. | Malaysia | Literature review |
| Acuna-Zegarra, M. A., Comas-Garcia, A., Hernandez-Vargas, E., Santana-Cibrian, M., & Velasco-Hernandez, J. X. (2020). The SARS-CoV-2 epidemic outbreak: a review of plausible scenarios of containment and mitigation for Mexico. *medRxiv*. | Mexico | Literature review |
| Anjorin, A. A. (2020). The coronavirus disease 2019 (COVID-19) pandemic: A review and an update on cases in Africa. *Asian Pacific Journal of Tropical Medicine*, *13*(5), 199. | Nigeria | Literature review |
| Odusanya, O. O., Odugbemi, B. A., Odugbemi, T. O., & Ajisegiri, W. S. (2020). COVID-19: A review of the effectiveness of non-pharmacological interventions. *Nigerian Postgraduate Medical Journal*, *27*(4), 261. | Nigeria | Literature review |
| Córdova-Aguilar, A., & Rossani, G. (2020). COVID-19: literature review and its impact on the Peruvian health reality. *Rev. Fac. Med. Hum. July*, *20*(3), 471-477. | Peru | Literature review |
| Goniewicz, K., Khorram-Manesh, A., Hertelendy, A. J., Goniewicz, M., Naylor, K., & Burkle, F. M. (2020). Current response and management decisions of the European Union to the COVID-19 outbreak: a review. *Sustainability*, *12*(9), 3838. | Poland | Literature review |
| Abu Hammad, O., Alnazzawi, A., Borzangy, S. S., Abu-Hammad, A., Fayad, M., Saadaledin, S., ... & Dar Odeh, N. (2020, September). Factors influencing global variations in COVID-19 cases and fatalities; a review. In *Healthcare* (Vol. 8, No. 3, p. 216). Multidisciplinary Digital Publishing Institute. | Saudi Arabia | Literature review |
| Chetty, T., Daniels, B. B., Ngandu, N. K., & Goga, A. (2020). A rapid review of the effectiveness of screening practices at airports, land borders and ports to reduce the transmission of respiratory infectious diseases such as COVID-19. *SAMJ: South African Medical Journal*, *110*(11), 1105-1109. | South Africa | Rapid review |
| Kim, E. Y., Kim, E. K., Lee, M., & Park, H. K. (2020). COVID-19 Public Health Measures During National Assembly Elections of the Republic of Korea. *Osong public health and research perspectives*, *11*(4), 158. | South Korea | Literature review |
| Tsai, S. C., Lu, C. C., Bau, D. T., Chiu, Y. J., Yen, Y. T., Hsu, Y. M., ... & Yang, J. S. (2020). Approaches towards fighting the COVID‑19 pandemic. *International journal of molecular medicine*. | Taiwan | Literature review |
| Ozaslan, M., Safdar, M., Kilic, I. H., & Khailany, R. A. (2020). Practical measures to prevent COVID-19: a mini-review. *Journal of Biological Sciences*, *20*, 100-102. | Turkey | Literature review |
| Chung, S. C., Marlow, S., Tobias, N., Alogna, I., Alogna, A., & You, S. L. (2020). A rapid systematic review and case study on test, contact tracing, testing, and isolation policies for Covid-19 prevention and control. *medRxiv*. | UK | Rapid review |
| Flook, M., Jackson, C., Vasileiou, E., Simpson, C. R., Muckian, M. D., Agrawal, U., ... & Stagg, H. R. (2020). Informing the public health response to COVID-19 (and lessons learnt for future pandemics): a systematic review of risk factors for disease, severity, and mortality. | UK | Systematic review |
| Nicola, M., O’Neill, N., Sohrabi, C., Khan, M., Agha, M., & Agha, R. (2020). Evidence based management guideline for the COVID-19 pandemic-Review article. *International Journal of Surgery*. | UK | Literature review |
| Regmi, K., & Lwin, C. M. (2020). Factors impacting social distancing measures for preventing coronavirus disease 2019 [COVID-19]: A systematic review. | UK | Systematic review |
| Sadjadi, M., Moerschel, K. S., & Petticrew, M. (2020). Social distancing: barriers to its implementation and how they can be overcome-a rapid systematic review and synthesis of qualitative studies. *medRxiv*. | UK | Rapid review |
| Taylor, W., Abbasi, Q. H., Dashtipour, K., Ansari, S., Shah, S. A., Khalid, A., & Imran, M. A. (2020). A Review of the State of the Art in Non-Contact Sensing for COVID-19. *Sensors*, *20*(19), 5665. | UK | Literature review |
| Brammer, C., Donohue, S., Elwell, T., Fishbein, E., Horne, D., Lloyd-Krejci, B., ... & Winterbauer, E. (2020, September). Qualitative review of early experiences of off-site COVID-19 testing centers and associated considerations. In *Healthcare* (Vol. 8, No. 3, p. 100449). Elsevier. | USA | Qualitative review |
| Gmehlin, C., & Munoz-Price, L. S. (2020). COVID-19 in Long Term Care Facilities: A Review of Epidemiology, Clinical Presentations, and Containment Interventions. *Infection Control & Hospital Epidemiology*, 1-21. | USA | Literature review |
| Helmy, Y. A., Fawzy, M., Elaswad, A., Sobieh, A., Kenney, S. P., & Shehata, A. A. (2020). The COVID-19 pandemic: a comprehensive review of taxonomy, genetics, epidemiology, diagnosis, treatment, and control. *Journal of clinical medicine*, *9*(4), 1225. | USA | Literature review |
| Rahmani, A. M., & Mirmahaleh, S. Y. H. (2020). Coronavirus disease (COVID-19) prevention and treatment methods and effective parameters: A systematic literature review. *Sustainable cities and society*, 102568. | USA | Systematic review |

# 3. Health Service Delivery

## 3a: Prevention and control methods

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| **Citation** | **Country** | **Review Type** |
| Stewart, C. L., Thornblade, L. W., Diamond, D. J., Fong, Y., & Melstrom, L. G. (2020). Personal protective equipment and COVID-19: a review for surgeons. *Annals of surgery*, *272*(2), e132. | US | Literature Review |
| Kord, A., Rabiee, B., Wang, S., Rostami, S., Gaba, R. C., & Xie, K. L. (2020). A Concise Review and Required Precautions for COVID-19 Outbreak in Diagnostic and Interventional Radiology. *Radiology Research and Practice*, *2020*. | US | Literature Review |
| Baldock, T. E., Bolam, S. M., Gao, R., Zhu, M. F., Rosenfeldt, M. P., Young, S. W., ... & Monk, A. P. (2020). Infection prevention measures for orthopaedic departments during the COVID-2019 pandemic: a review of current evidence. *Bone & Joint Open*, *1*(4), 74-79. | New Zealand | Literature Review |
| Batista, R. C., Arruda, C. V., Cassimiro, M., Gominho, L., Moura, A. C., Albuquerque, D. S., & Romeiro, K. (2020). The Role of the Dental Surgeon in Controlling the Dissemination of COVID-19: A Literature Review. *The Scientific World Journal*, *2020*. | Brazil | Literature Review |
| Mukherjee, S., Bonatsos, V., & Raza, A. (2020). The Urologist, Personal Protective Equipment (PPE) and COVID-19. *Journal of Endoluminal Endourology*, *3*(4), e1-e14. | UK | Literature Review |
| Mick, P., & Murphy, R. (2020). Aerosol-generating otolaryngology procedures and the need for enhanced PPE during the COVID-19 pandemic: a literature review. *Journal of Otolaryngology-Head & Neck Surgery*, *49*, 1-10. | Canada | Literature Review |
| Thamboo, A., Lea, J., Sommer, D. D., Sowerby, L., Abdalkhani, A., Diamond, C., ... & Lammers, M. (2020). Clinical evidence based review and recommendations of aerosol generating medical procedures in otolaryngology–head and neck surgery during the COVID-19 pandemic. *Journal of Otolaryngology-Head & Neck Surgery*, *49*, 1-14. | Canada | Literature Review |
| Flumignan, R. L. G., Nakano, L. C. U., Pascoal, P. I. F., Santos, B. C. D., Correia, R. M., Silveira, B. P., ... & Atallah, Á. N. (2020). Evidence from Cochrane systematic reviews for controlling the dissemination of COVID-19 infection. A narrative review. *Sao Paulo Medical Journal*, (AHEAD). | Brazil | Narrative Review |
| Calò, F., Russo, A., Camaioni, C., De Pascalis, S., & Coppola, N. (2020). Burden, risk assessment, surveillance and management of SARS-CoV-2 infection in health workers: a scoping review. *Infectious Diseases of Poverty*, *9*(1), 1-11. | Italy | Scoping Review |
| Jessop, Z. M., Dobbs, T. D., Ali, S. R., Combellack, E., Clancy, R., Ibrahim, N., ... & Whitaker, I. S. (2020). Personal protective equipment for surgeons during. *British Journal of Surgery*, *107*(10), 1262-1280. | UK | Systematic Review |
| Al-Ani, A. H., Prentice, R. E., & Rentsch, C. A. Review article: prevention, diagnosis and management of COVID-19 in the IBD patient. Aliment PharmacolTher.-2020. | Australia | Literature Review |
| Rekatsina, M., Paladini, A., Moka, E., Yeam, C. T., Urits, I., Viswanath, O., ... & Varrassi, G. (2020). Healthcare at the time of COVID-19: A review of the current situation with emphasis on anesthesia providers. *Best Practice & Research Clinical Anaesthesiology*. | UK | Literature Review |
| Pearce, J. M. (2020). A review of open source ventilators for COVID-19 and future pandemics. *F1000Research*, *9*. | US | Literature Review |
| Khan, T. M. (2020). Preventive and Control Measures of COVID-19 Patients: A Review. *Bangladesh Journal of Infectious Diseases*, S41-S44. | Bangladesh | Literature Review |
| Clementini, M., Raspini, M., Barbato, L., Bernardelli, F., Braga, G., Di Gioia, C., ... & Cairo, F. (2020). Aerosol transmission for SARS‐CoV‐2 in the dental practice. A review by SIdP Covid‐19 task‐force. *Oral diseases*. | Italy | Literature Review |
| Veritti, D., Sarao, V., Bandello, F., & Lanzetta, P. (2020). Infection control measures in ophthalmology during the COVID-19 outbreak: A narrative review from an early experience in Italy. *European journal of ophthalmology*, *30*(4), 621-628. | Italy | Narrative Review |
| Freitas, B. H. B. M. D., Alves, M. D. D. S. M., & Gaíva, M. A. M. (2020). Prevention and control measures for neonatal COVID-19 infection: a scoping review. *Revista brasileira de enfermagem*, *73*. | Brazil | Scoping Review |
| Barbato, L., Bernardelli, F., Braga, G., Clementini, M., Di Gioia, C., Littarru, C., ... & Cairo, F. (2020). Surface disinfection and protective masks for SARS‐CoV‐2 and other respiratory viruses: A review by SIdP COVID‐19 task force. *Oral diseases*. | Italy | Literature Review |
| Saito, T., & Asai, T. (2020). Aerosol containment device for airway management of patients with COVID-19: a narrative review. *Journal of Anesthesia*, 1-6. | Japan | Narrative Review |
| Shah, S. (2020). COVID-19 and paediatric dentistry-traversing the challenges. A narrative review. *Annals of Medicine and Surgery*. | UK | Narrative Review |
| Seyedi, S. J., Shojaeian, R., Hiradfar, M., Mohammadipour, A., & Alamdaran, S. A. (2020). Coronavirus disease 2019 (COVID-19) outbreak in pediatrics and the role of pediatricians: A systematic review. *Iranian Journal of Pediatrics*, *30*(2). | Iran | Systematic Review |
| Lee, J. J., Hwang, S. J., & Huang, J. F. (2020). Review of the present features and the infection control challenges of COVID‐19 pandemic in dialysis facilities. *The Kaohsiung journal of medical sciences*, *36*(6), 393-398. | Taiwan | Literature Review |
| Sharma, N., Hasan, Z., Velayudhan, A., MA, E., Mangal, D. K., & Gupta, S. D. (2020). Personal protective equipment: challenges and strategies to combat COVID-19 in India: a narrative review. *Journal of Health Management*, *22*(2), 157-168. | India | Narrative Review |
| Yazhlini, P., Anjali, A. K., & Somasundaram, J. (2020). Need of disinfection procedures after proper protective measures among the doctors handling covid-19 patients-a review. *International Journal of Research in Pharmaceutical Sciences*, *11*(Special Issue 1). | India | Literature Review |
| Smith, P. B., Agostini, G., & Mitchell, J. C. (2020). A scoping review of surgical masks and N95 filtering facepiece respirators: Learning from the past to guide the future of dentistry. *Safety Science*, *131*, 104920. | US | Scoping Review |
| Purushothaman, S., Fung, D., Reinders, J., Garrett-Walcott, S., Buda, M., Moudgil, V., & Emmerson, B. (2020). Electroconvulsive therapy, personal protective equipment and aerosol generating procedures: a review to guide practice during Coronavirus Disease 2019 (COVID-19) pandemic. *Australasian Psychiatry*, *28*(6), 632-635. | Australia | Literature Review |
| Wu, G. H., Jiang, P., Yuan, H., Shi, Y., & Zhu, X. P. (2020). A systematic review and meta-analysis of the efficacy of medical masks and N95 respirators for protection against respiratory infectious diseases, including COVID-19 in medical staff. | China | Systematic Review |
| Schnitzbauer, A. A., Kempf, V. A., Hack, D., Ciesek, S., Meier, S., Vehreschild, M. J., ... & Marzi, I. (2020). SARS-CoV-2/COVID-19: systematic review of requirements for personal protective equipment in primary patient contact and organization of the operating area. *Der Chirurg; Zeitschrift fur alle Gebiete der operativen Medizen*, *91*(7), 576-585. | Germany | Systematic Review |
| Frazer, K., Mitchell, L., Stokes, D., Lacey, E., Crowley, E., & Kelleher, C. C. (2020). A rapid systematic review of measures to protect older people in long term care facilities from COVID-19. *medRxiv*. | Ireland | Rapid Review |
| Persoon, I. F., Stankiewicz, N., Smith, A., de Soet, H. J., & Volgenant, C. M. (2020). A review of respiratory protection measures recommended in Europe for dental procedures during the COVID-19 pandemic. *The Journal of Hospital Infection*. | Netherlands | Literature Review |
| Brooks, S. K., Greenberg, N., Wessely, S., & Rubin, G. J. (2020). Factors affecting healthcare workers' compliance with social and behavioural infection control measures during emerging infectious disease outbreaks: Rapid evidence review. *MedRxiv*. | UK | Rapid Review |
| Griswold, D. P., Gempeler, A., Kolias, A., Hutchinson, P. J., & Rubiano, A. M. (2021). Personal protective equipment for reducing the risk of COVID-19 infection among healthcare workers involved in emergency trauma surgery during the pandemic: an umbrella review. *Journal of Trauma and Acute Care Surgery*. | UK | Scoping Review |
| Al-Moraissi, E. A., Alasseri, N., Gunther, F., & Neff, A. (2020). Is Standard Personal Protective Equipment Effective Enough To Prevent COVID-19 Transmission During Aerosol Generating Dental, Oral and Maxillofacial Procedures? A Systematic Review. *medRxiv*. | Yemen | Systematic Review |
| Rafeemanesh, E., Ahmadi, F., Movahhed, T., & Abdollahi, O. (2020). A Review on Recent Guidelines and Articles about Prevention of Covid-19 Infection in Dental Settings. *Journal of Mashhad Dental School*, *44*(3), 299-307. | Iran | Literature Review |
| Villani, F. A., Aiuto, R., Paglia, L., & Re, D. (2020). COVID-19 and dentistry: prevention in dental practice, a literature review. *International journal of environmental research and public health*, *17*(12), 4609. | Italy | Literature Review |
| Adly, A. S., Adly, A. S., & Adly, M. S. (2020). Approaches based on artificial intelligence and the internet of intelligent things to prevent the spread of COVID-19: Scoping review. *Journal of Medical Internet Research*, *22*(8), e19104. | Egypt | N |

## 3b: Grief counselling

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Harrop, E., Mann, M., Semedo, L., Chao, D., Selman, L. E., & Byrne, A. (2020). What elements of a systems’ approach to bereavement are most effective in times of mass bereavement? A narrative systematic review with lessons for COVID-19. *Palliative medicine*, *34*(9), 1165-1181. | UK | Narrative Review |
| Hernández, M. A., Navarro, S. G., & García-Navarro, E. B. (1920). Approaching grief and death in family members of patients with COVID-19: Narrative review. *Enfermeria clinica*, S1130-8621. | Spain | Narrative Review |

## 3c: Medical education

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Martinkevich, P., Larsen, L. L., Græsholt-Knudsen, T., Hesthaven, G., Hellfritzsch, M. B., Petersen, K. K., ... & Rölfing, J. D. (2020). Physical child abuse demands increased awareness during health and socioeconomic crises like COVID-19: a review and education material. *Acta orthopaedica*, *91*(5), 527-533. | Denmark | Literature Review |
| Gordon, M., Patricio, M., Horne, L., Muston, A., Alston, S. R., Pammi, M., ... & Daniel, M. (2020). Developments in medical education in response to the COVID-19 pandemic: a rapid BEME systematic review: BEME Guide No. 63. *Medical teacher*, *42*(11), 1202-1215. | UK | Rapid Review |
| Tolu, L. B., Feyissa, G. T., Ezeh, A., & Gudu, W. (2020). Managing resident workforce and residency training during COVID-19 pandemic: scoping review of adaptive approaches. *Advances in Medical Education and Practice*, *11*, 527. | Ethiopia | Scoping Review |
| James, H. K., & Pattison, G. T. (2021). Disruption to surgical training during Covid-19 in the United States, United Kingdom, Canada, and Australasia: a rapid review of impact and mitigation efforts. *Journal of Surgical Education*, *78*(1), 308-314. | UK | Rapid Review |
| Wu, A. S., & Zeshan, M. (2020). 51.8 MEDICAL EDUCATION IN THE TIME OF COVID-19: A LITERATURE REVIEW ON E-LEARNING. *Journal of the American Academy of Child and Adolescent Psychiatry*, *59*(10), S253. | US | Literature Review |
| Dedeilia, A., Sotiropoulos, M. G., Hanrahan, J. G., Janga, D., Dedeilias, P., & Sideris, M. (2020). Medical and surgical education challenges and innovations in the COVID-19 era: a systematic review. *in vivo*, *34*(3 suppl), 1603-1611. | Greece | Systematic Review |
| Darras, K. E., Spouge, R. J., de Bruin, A. B., Sedlic, A., Hague, C., & Forster, B. B. (2020). Undergraduate radiology education during the COVID-19 pandemic: a review of teaching and learning strategies. *Canadian Association of Radiologists Journal*, 0846537120944821. | Canada | Literature Review |
| Iwanaga, J., Loukas, M., Dumont, A. S., & Tubbs, R. S. (2021). A review of anatomy education during and after the COVID‐19 pandemic: Revisiting traditional and modern methods to achieve future innovation. *Clinical Anatomy*, *34*(1), 108-114. | US | Literature Review |
| Zeinali, M., Almasi-Doghaee, M., & Haghi-Ashtiani, B. (2020). Facing COVID-19, Jumping From In-Person Training To Virtual Learning: A Review on Educational and Clinical Activities in a Neurology Department. *Basic and clinical neuroscience*, *11*(2), 151. | Iran  | Literature Review |
| Ali, S. R., Dobbs, T. D., & Whitaker, I. S. (2020). Webinars in plastic and reconstructive surgery training-a review of the current landscape during the COVID-19 pandemic. *Journal of Plastic, Reconstructive & Aesthetic Surgery*, *73*(7), 1357-1404. | UK | Literature Review |

## 3d: Impact of the pandemic on research activities

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Sathian, B., Asim, M., Banerjee, I., Pizarro, A. B., Roy, B., van Teijlingen, E. R., ... & Alhamad, H. K. (2020). Impact of COVID-19 on clinical trials and clinical research: A systematic review. *Nepal journal of epidemiology*, *10*(3), 878. | Qatar | Systematic Review |
| HUANG, Z., & YANG, G. Clinical trials during post-COVID pandemic: An interim review. *Chinese Journal of Clinical Pharmacology and Therapeutics*, *25*(5), 591. | China | Literature Review |

## 3e: Health care worker risk

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Ribeiro, A. P., Oliveira, G. L., Silva, L. S., & Souza, E. R. D. (2020). Occupational safety and health of health workers caring for patients during the Covid-19 pandemic: a literature review Saúde e segurança de profissionais de saúde no atendimento a pacientes no contexto da pandemia de Covid-19: revisão de literatura TT. *Revista Brasileira de Saúde Ocupacional*, e25-e25. | Brazil  | Literature Review |
| Zhang, X. S., & Duchaine, C. (2020). SARS-CoV-2 and health care worker protection in low-risk settings: a review of modes of transmission and a novel airborne model involving inhalable particles. *Clinical Microbiology Reviews*, *34*(1). | Canada | Literature Review |

## 3f: Medication cost

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Dawoud, D. M., & Soliman, K. Y. (2020). Cost-effectiveness of antiviral treatments for pandemics and outbreaks of respiratory illnesses, including COVID-19: a systematic review of published economic evaluations. *Value in Health*. | Egypt  | Systematic Review |

## 3g: Services delivery and reorganization

### Anesthesia

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Thiruvenkatarajan, V., Wong, D. T., Kothandan, H., Sekhar, V., Adhikary, S. D., Currie, J., & Van Wijk, R. M. (2020). Airway management in the operating room and interventional suites in known or suspected COVID-19 adult patients: a practical review. *Anesthesia & Analgesia*, *131*(3), 677-689. | Australia | Literature Review |
| Wong, J., Goh, Q. Y., Tan, Z., Lie, S. A., Tay, Y. C., Ng, S. Y., & Soh, C. R. (2020). Preparing for a COVID-19 pandemic: a review of operating room outbreak response measures in a large tertiary hospital in Singapore. *Canadian Journal of Anesthesia/Journal canadien d'anesthésie*, *67*(6), 732-745. | Singapore | Literature Review |
| Wong, P., & Lim, W. Y. (2020). Aligning difficult airway guidelines with the anesthetic COVID-19 guidelines to develop a COVID-19 difficult airway strategy: a narrative review. *Journal of Anesthesia*, 1-20. | Singapore | Narrative Review |
| Saracoglu, K. T., Saracoglu, A., & Demirhan, R. (2020). Airway management strategies for the Covid 19 patients: A brief narrative review. *Journal of clinical anesthesia*, *66*, 109954. | Turkey | Narrative Review |

### Basic Science

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| **Citation** | **Country** | **Review Type** |
| Ahmed, S., Jafri, L., Majid, H., Khan, A. H., Ghani, F., & Siddiqui, I. (2020). Challenges amid COVID-19 times-Review of the changing practices in a clinical chemistry laboratory from a developing country. *Annals of Medicine and Surgery*. | Pakistan | Literature Review |

### Cardiac Surgery

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Ajibade, A., Younas, H., Pullan, M., & Harky, A. (2020). Telemedicine in cardiovascular surgery during COVID‐19 pandemic: a systematic review and our experience. *Journal of cardiac surgery*, *35*(10), 2773-2784. | UK | Systematic Review |

### Cardiology

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Kiss, P., Carcel, C., Hockham, C., & Peters, S. A. (2021). The impact of the COVID-19 pandemic on the care and management of patients with acute cardiovascular disease: a systematic review. *European Heart Journal-Quality of Care and Clinical Outcomes*, *7*(1), 18-27. | Netherlands | Systematic Review |
| Seo, Y., Daimon, M., Yamada, H., Kagiyama, N., Ohta, M., Izumi, C., ... & Nakatani, S. (2020). Review of the efforts of the Japanese Society of Echocardiography for coronavirus disease 2019 (COVID-19) during the initial outbreak in Japan. *Journal of echocardiography*, 1-8. | Japan | Literature Review |
| Neubeck, L., Hansen, T., Jaarsma, T., Klompstra, L., & Gallagher, R. (2020). Delivering healthcare remotely to cardiovascular patients during COVID-19: a rapid review of the evidence. *European Journal of Cardiovascular Nursing*, *19*(6), 486-494. | UK | Rapid Review |
| Katz, J. N., Sinha, S. S., Alviar, C. L., Dudzinski, D. M., Gage, A., Brusca, S. B., ... & van Diepen, S. (2020). COVID-19 and disruptive modifications to cardiac critical care delivery: JACC review topic of the week. *Journal of the American College of Cardiology*, *76*(1), 72-84. | US | Literature Review |

### Critical Care

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Rubio, O., Estella, A., Cabre, L., Saralegui-Reta, I., Martin, M. C., Zapata, L., ... & Amblas, J. (2020). Ethical recommendations for a difficult decision-making in intensive care units due to the exceptional situation of crisis by the COVID-19 pandemic: a rapid review & consensus of experts. *Medicina Intensiva (English Edition)*, *44*(7), 439-445. | Spain | Rapid Review |
| Myers, S. R., Abbadessa, M. K., Gaines, S., Lavelle, J., Ercolani, J., Shotwell, C., ... & Donoghue, A. J. (2020). Repurposing Video Review Infrastructure for Clinical Resuscitation Care in the Age of COVID-19. *Annals of emergency medicine*. | US | Literature Review |

### Dentistry

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Carter, A. (2020). Can orthodontic care be safely delivered during the COVID-19 pandemic? Recommendations from a literature review. *Evidence-based dentistry*, *21*(2), 66-67. | UK | Literature Review |
| Maspero, C., Abate, A., Cavagnetto, D., El Morsi, M., Fama, A., & Farronato, M. (2020). Available technologies, applications and benefits of teleorthodontics. A literature review and possible applications during the COVID-19 Pandemic. *Journal of clinical medicine*, *9*(6), 1891. | Italy | Literature Review |
| del Pilar Cabrera-Tasayco, F., Rivera-Carhuavilca, J. M., Atoche-Socola, K. J., Peña-Soto, C., & Arriola-Guillén, L. E. (2020). Biosafety measures at the dental office after the appearance of COVID-19: A systematic review. *Disaster medicine and public health preparedness*, 1-5. | Peru | Systematic Review |
| Siles-Garcia, A. A., Alzamora-Cepeda, A. G., Atoche-Socola, K. J., Peña-Soto, C., & Arriola-Guillén, L. E. (2020). Biosafety for dental patients during dentistry care after COVID-19: A review of the literature. *Disaster medicine and public health preparedness*, 1-6. | Peru | Literature Review |
| Banakar, M., Lankarani, K. B., Jafarpour, D., Moayedi, S., Banakar, M. H., & MohammadSadeghi, A. (2020). COVID-19 transmission risk and protective protocols in dentistry: a systematic review. *BMC oral health*, *20*(1), 1-12. | Iran  | Systematic Review |
| Keyhan, S. O., Fallahi, H. R., Motamedi, A., Khoshkam, V., Mehryar, P., Moghaddas, O., ... & Houshmand, B. (2020). Reopening of dental clinics during SARS-CoV-2 pandemic: an evidence-based review of literature for clinical interventions. *Maxillofacial plastic and reconstructive surgery*, *42*(1), 1-13. | Iran  | Literature Review |
| Achmad, H., Djais, A. I., Syahrir, S., Inayah, Y., Elnangti, W. W., Fitri, A., & Ramadhany, Y. F. (2020). Impact of COVID-19 in pediatric dentistry: A literature review. *International Journal of Pharmaceutical Research*, *12*. | Indonesia | Literature Review |
| Jethi, N., Pandav, G., Nagri, D., Pandav, S., Kumari, D., & Kaur, M. (2020). Asymptomatic COVID-19 patients and possible screening before an emergency aerosol related endodontic protocols in dental clinic-A Review. *Journal of family medicine and primary care*, *9*(9), 4552. | India  | Literature Review |
| Umer, F. A. H. A. D., Haji, Z., & Zafar, K. A. M. I. L. (2020). Role of respirators in controlling the spread of novel coronavirus (COVID‐19) amongst dental healthcare providers: a review. *International endodontic journal*, *53*(8), 1062-1067. | Pakistan | Literature Review |
| Turkistani, K. A. (2020). Precautions and recommendations for orthodontic settings during the COVID-19 outbreak: A review. *American Journal of Orthodontics and Dentofacial Orthopedics*, *158*(2), 175-181. | Saudi Arabia | Literature Review |
| Al-Halabi, M., Salami, A., Alnuaimi, E., Kowash, M., & Hussein, I. (2020). Assessment of paediatric dental guidelines and caries management alternatives in the post COVID-19 period. A critical review and clinical recommendations. *European Archives of Paediatric Dentistry*, 1-14. | UAE | Critical Review |
| Bizzoca, M. E., Campisi, G., & Muzio, L. L. (2020). Covid-19 pandemic: What changes for dentists and oral medicine experts? A narrative review and novel approaches to infection containment. *International journal of environmental research and public health*, *17*(11), 3793. | Italy | Narrative Review |
| Ashtiani, R. E., Tehrani, S., Revilla‐León, M., & Zandinejad, A. (2020). Reducing the Risk of COVID‐19 Transmission in Dental Offices: A Review. *Journal of Prosthodontics*, *29*(9), 739-745. | Iran  | Literature Review |
| Brondani, M., Cua, D., Maragha, T., Shayanfar, M., Mathu-Muju, K., von Bergmann, H., ... & Donnelly, L. (2020). A Pan-Canadian narrative review on the protocols for reopening dental services during the COVID-19 pandemic. *BMC oral health*, *20*(1), 1-13. | Canada | Narrative Review |
| Barabari, P., & Moharamzadeh, K. (2020). Novel coronavirus (COVID-19) and dentistry–A comprehensive review of literature. *Dentistry journal*, *8*(2), 53. | UK | Literature Review |
| Izzetti, R., Nisi, M., Gabriele, M., & Graziani, F. (2020). COVID-19 transmission in dental practice: brief review of preventive measures in Italy. *Journal of Dental Research*, *99*(9), 1030-1038. | Italy | Literature Review |
| Choudhary, A., Anjaneyulu, K., & Girija, A. S. (2020). Risks of dentistry in COVID 19-a review. *International Journal of Research in Pharmaceutical Sciences*, *11*(Special Issue 1). | India  | Literature Review |
| Vargas-Buratovic, JP, Verdugo-Paiva, F., Véliz-Paiva, C., López-Tagle, E., Ahumada-Salinas, A., & Ortuño-Borroto, D. (2020). Dental recommendations in the COVID-19 pandemic: a narrative review. | Chile | Narrative Review |
| Horzov, L., Goncharuk-Khomyn, M., Kostenko, Y., & Melnyk, V. (2020). Dental Patient Management in the Context of the COVID-19 Pandemic: Current Literature Mini-Review. *The Open Public Health Journal*, *13*(1). | Ukraine | Literature Review |
| Achmad, H., Tanumihardja, M., & Ramadhany, Y. F. (2020). Teledentistry as a Solution in Dentistry During Covid-19 Pandemic Period: A Systematic Review. *International Journal of Pharmaceutical Research*, *12*(2). | Indonesia | Systematic Review |
| Mahdi, S. S., Ahmed, Z., Allana, R., Peretti, A., Amenta, F., Nadeem Bijle, M., ... & Daood, U. (2020). Pivoting Dental Practice Management during the COVID-19 Pandemic—A Systematic Review. *Medicina*, *56*(12), 644. | Pakistan | Systematic Review |
| Mayta-Tovalino, F., Diaz-Soriano, A., Munive-Degregori, A., Pérez-Vargas, F., Luza, S., Bocanegra, R., & Mauricio, F. (2020). Proposal for a provisional protocol for the care and identification of dental transmission routes of COVID-19 in Latin America: A Literature review. *Journal of clinical and experimental dentistry*, *12*(10), e979. | Peru | Literature Review |
| Sharma, S., Parolia, A., & Kanagasingam, S. (2020). Covid-19 Pandemic and Challenges of Dentistry: A Review on COVID-19 Mediated Impacts and Risk Mitigation Strategies for Dental Health Professionals. *European journal of dentistry*, *14*(Suppl 1), S159. | Canada | Literature Review |

### Dermatology

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| **Citation** | **Country** | **Review Type** |
| Elsner, P. (2020). Teledermatology in the times of COVID‐19–a systematic review. *JDDG: Journal der Deutschen Dermatologischen Gesellschaft*, *18*(8), 841-845. | Germany | Systematic Review |

### Ear, Nose, Throat (ENT)

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Shah, R., Priyadarshini, G., & Parsana, M. (2020). A Systematic Review on Guidelines and Recommendations for Tracheostomy during Covid-19 Pandemic. | India | Systematic Review |
| Cernei, C., Shrivastava, M. K., Colquhoun‐Flannery, W., & Winter, S. C. (2020). Timing and volume of information produced for the Otolaryngologist during the COVID‐19 pandemic in the UK: A review of the volume of online literature. *Clinical Otolaryngology*. | UK | Literature Review |
| Meister, K. D., Pandian, V., Hillel, A. T., Walsh, B. K., Brodsky, M. B., Balakrishnan, K., ... & Brenner, M. J. (2020). Multidisciplinary Safety Recommendations After Tracheostomy During COVID-19 Pandemic: State of the Art Review. *Otolaryngology–Head and Neck Surgery*, 0194599820961990. | US | Literature Review |
| Syamal, M. (2020). Literature‐guided recommendations for otolaryngologists during the COVID‐19 pandemic: A contemporary review. *Laryngoscope Investigative Otolaryngology*, *5*(3), 432-437. | US | Literature Review |
| Miller, L. E., Shaye, D. A., & Lee, L. N. (2020). Considerations for the otolaryngologist in the era of COVID-19: a review of the literature. *Current opinion in otolaryngology & head and neck surgery*, *28*(4), 228-234. | US | Literature Review |
| Radulesco, T., Lechien, J. R., Sowerby, L. J., Saussez, S., Chiesa-Estomba, C., Sargi, Z., ... & Michel, J. (2020). Sinus and anterior skull base surgery during the COVID-19 pandemic: systematic review, synthesis and YO-IFOS position. *European Archives of Oto-Rhino-Laryngology*, 1-10. | France | Systematic Review |
| Sharma, A., & Bhardwaj, R. (2020). COVID-19 and ENT surgery: a brief review of essential precautions and triage. *European Archives of Oto-Rhino-Laryngology*, 1-5. | India  | Literature Review |
| Şahin, M. M., Cebeci, S., Düzlü, M., Karamert, R., & Ceylan, A. (2020). The Effects of COVID-19 Pandemic in Otolaryngology Practice: A Review of the Literature. *Gazi Medical Journal*, *31*, 276-82. | Turkey | Literature Review |
| Lovato, A., & de Filippis, C. (2020). Regarding COVID‐19 and the Otolaryngologist: Preliminary Evidence‐Based Review. *The Laryngoscope*. | Italy | Literature Review |
| Hojaij, F. C., Chinelatto, L. A., Boog, G. H. P., Kasmirski, J. A., Lopes, J. V. Z., & Medeiros, V. M. B. (2020). Head and Neck Practice in the COVID-19 Pandemics Today: A Rapid Systematic Review. *International archives of otorhinolaryngology*, *24*(4), 518-526. | Brazil | Rapid Review |
| Hagge, D., Knopf, A., & Hofauer, B. (2020). Telemedicine in the fight against SARS-COV-2-opportunities and possible applications in otorhinolaryngology: Narrative review. *Hno*. | Germany | Narrative Review |

### Gastroenterology

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| **Citation** | **Country** | **Review Type** |
| Jena, A., Singh, A. K., Kumar-M, P., Sharma, V., & Sebastian, S. (2020). Systematic review on failure to adhere to IBD therapies during the COVID-19 pandemic: Correct information is crucial. *Digestive and Liver Disease*. | India  | Systematic Review |
| Vanella, G., Capurso, G., Boškoski, I., Bossi, E., Signorelli, C., Ciceri, F., ... & Costamagna, G. (2020). <? covid19?> How to get away with COVID-19: endoscopy during post-peak pandemic. A perspective review. *Therapeutic advances in gastroenterology*, *13*, 1756284820965070. | Italy | Literature Review |
| Grossberg, L. B., Pellish, R. S., Cheifetz, A. S., & Feuerstein, J. D. (2020). Review of societal recommendations regarding management of patients with inflammatory bowel disease during the SARS-CoV-2 pandemic. *Inflammatory Bowel Diseases*. | US | Literature Review |

### Geriatrics

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| **Citation** | **Country** | **Review Type** |
| Yang, Y. C., Chou, C. L., & Kao, C. L. (2020). Exercise, nutrition, and medication considerations in the light of the COVID pandemic, with specific focus on geriatric population: A literature review. *Journal of the Chinese Medical Association*, *83*(11), 977-980. | Taiwan | Literature Review |
| Gmehlin, C., & Munoz-Price, L. S. (2020). COVID-19 in Long Term Care Facilities: A Review of Epidemiology, Clinical Presentations, and Containment Interventions. *Infection Control & Hospital Epidemiology*, 1-21. | US | Literature Review |
| Etkind, S. N., Bone, A. E., Lovell, N., Cripps, R. L., Harding, R., Higginson, I. J., & Sleeman, K. E. (2020). The role and response of palliative care and hospice services in epidemics and pandemics: a rapid review to inform practice during the COVID-19 pandemic. *Journal of pain and symptom management*. | UK | Rapid Review |
| Murphy, R. P., Dennehy, K. A., Costello, M. M., Murphy, E. P., Judge, C. S., O’Donnell, M. J., & Canavan, M. D. (2020). Virtual geriatric clinics and the COVID-19 catalyst: a rapid review. *Age and ageing*, *49*(6), 907-914 | Ireland | Rapid Review  |

### Nephrology

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| **Citation** | **Country** | **Review Type** |
| Clark, E. G., Hiremath, S., Soroka, S. D., Wald, R., & Weir, M. A. (2020). CSN COVID-19 rapid review program: management of acute kidney injury. *Canadian journal of kidney health and disease*, *7*, 2054358120941679. | Canada | Rapid Review |

### Neurology

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Alsharif, M. H., Alsharif, Y. H., Chaudhry, S. A., Albreem, M. A., Jahid, A., & Hwang, E. (2020). Artificial intelligence technology for diagnosing COVID-19 cases: a review of substantial issues. *European review for medical and pharmacological sciences*, *24*(17), 9226-9233. | South Korea | Literature Review |
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| Wilson, M. P., & Jack, A. S. (2020). Coronavirus disease (COVID-19) in neurology and neurosurgery: A scoping review of the early literature. *Clinical neurology and neurosurgery*, 105866. |

 | Canada | Scoping Review |
| Bhidayasiri, R., Virameteekul, S., Kim, J. M., Pal, P. K., & Chung, S. J. (2020). COVID-19: an early review of its global impact and considerations for Parkinson’s disease patient care. *Journal of movement disorders*, *13*(2), 105. | Thailand | Literature Review |

### Neurosurgery

|  |  |  |
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| **Citation** | **Country** | **Review Type** |
| Díaz-Bello, S., Hernández-Hernández, A., Guinto-Nishimura, G. Y., Mondragón-Soto, M. G., Lem-Carrillo, M., González-Aguilar, A., ... & Gómez-Amador, J. L. (2020). Reconversion of neurosurgical practice in times of the SARS-CoV-2 pandemic: a narrative review of the literature and guideline implementation in a Mexican neurosurgical referral center. *Neurosurgical Focus*, *49*(6), E4. | Mexico | Narrative Review |
| Eichberg, D. G., Basil, G. W., Di, L., Shah, A. H., Luther, E. M., Lu, V. M., ... & Ivan, M. E. (2021). Telemedicine in neurosurgery: lessons learned from a systematic review of the literature for the COVID-19 era and beyond. *Neurosurgery*, *88*(1), E1-E12. | US | Systematic Review |

### Nursing

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Fernandez, R., Lord, H., Halcomb, E., Moxham, L., Middleton, R., Alananzeh, I., & Ellwood, L. (2020). Implications for COVID-19: a systematic review of nurses’ experiences of working in acute care hospital settings during a respiratory pandemic. *International Journal of Nursing Studies*, 103637. | Australia | Systematic Review |
| Bolt, S. R., van der Steen, J. T., Mujezinović, I., Janssen, D. J., Schols, J. M., Zwakhalen, S. M., ... & Meijers, J. M. (2020). Practical nursing recommendations for palliative care for people with dementia living in long-term care facilities during the COVID-19 pandemic: A rapid scoping review. *International journal of nursing studies*, 103781. | Netherlands | Rapid Review |
| Al Thobaity, A., & Alshammari, F. (2020). Nurses on the frontline against the COVID-19 pandemic: an Integrative review. *Dubai Medical Journal*, *3*(3), 87-92. | Saudi Arabia | Integrative Review |
| Bednarek, A., & Klepacz, R. (2020). A Review of Recommendations for Routine Immunization Services During COVID-19 Pandemic That are Relevant for Nursing Personnel Involved in the Implementation of Immunoprophylaxis. *Journal of multidisciplinary healthcare*, *13*, 1099. | Poland | Literature Review |
| Kako, J., & Kajiwara, K. (2020). Scoping Review: What Is the Role of Nurses in the Era of the Global COVID-19 Pandemic?. *Journal of Palliative Medicine*, *23*(12), 1566-1567. | Japan | Scoping Review |

### OB/GYN

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Lubbe, W., Botha, E., Niela-Vilen, H., & Reimers, P. (2020). Breastfeeding during the COVID-19 pandemic–a literature review for clinical practice. *International breastfeeding journal*, *15*(1), 1-9. | South Africa | Literature Review |
| Tolu, L. B., & Feyissa, G. T. (2020). Guidelines and best practice recommendations on contraception and safe abortion care service provision amid COVID-19 pandemic: Scoping review. | Ethiopia | Scoping Review |
| Kotlar, B., Gerson, E., Petrillo, S., Langer, A., & Tiemeier, H. (2021). The impact of the COVID-19 pandemic on maternal and perinatal health: a scoping review. *Reproductive health*, *18*(1), 1-39. | US | Scoping Review |
| Grimes, C. L., Balk, E. M., Crisp, C. C., Antosh, D. D., Murphy, M., Halder, G. E., ... & Meriwether, K. V. (2020). A guide for urogynecologic patient care utilizing telemedicine during the COVID-19 pandemic: review of existing evidence. *International urogynecology journal*, *31*(6), 1063-1089. | US | Literature Review |
| Grimes, C. L., Balk, E. M., Dieter, A. A., Singh, R., Wieslander, C. K., Jeppson, P. C., ... & Meriwether, K. V. (2020). Guidance for gynecologists utilizing telemedicine during COVID‐19 pandemic based on expert consensus and rapid literature reviews. *International Journal of Gynecology & Obstetrics*, *150*(3), 288-298. | US | Rapid Review |
| Goyal, M., Singh, P., & Melana, N. (2020). Review of Care and management of pregnant women during COVID-19 pandemic. *Taiwanese Journal of Obstetrics and Gynecology*. | India  | Literature Review |
| Abdollahpour, S., & Khadivzadeh, T. (2020). Improving the quality of care in pregnancy and childbirth with coronavirus (COVID-19): a systematic review. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1-9. | Iran  | Systematic Review |
| Mascarenhas, V. H. A., Caroci-Becker, A., Venâncio, K. C. M. P., Baraldi, N. G., Durkin, A. C., & Riesco, M. L. G. (2020). Care recommendations for parturient and postpartum women and newborns during the COVID-19 pandemic: a scoping review. *Revista latino-americana de enfermagem*, *28*. | Brazil | Scoping Review |
| Mascarenhas, V. H. A., Caroci-Becker, A., Venâncio, K. C. M. P., Baraldi, N. G., Durkin, A. C., & Riesco, M. L. G. (2020). COVID-19 and the production of knowledge regarding recommendations during pregnancy: a scoping review. *Revista latino-americana de enfermagem*, *28*. | Brazil | Scoping Review |
| Ijarotimi, O. A., Ubom, A. E., Olofinbiyi, B. A., Kuye‐Kuku, T., Orji, E. O., & Ikimalo, J. I. (2020). COVID‐19 and obstetric practice: A critical review of the Nigerian situation. *International Journal of Gynecology & Obstetrics*, *151*(1), 17-22. | Nigeria | Critical Review |
| González-de la Torre, H., Rodríguez-Rodríguez, R., & Martínez, AM RECOMMENDATIONS AND PRACTICAL MANAGEMENT OF PREGNANT WOMEN WITH COVID-19: A SCOPING REVIEW. *Clinical nursing* . | Spain | Scoping Review |

### Oncology

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| **Citation** | **Country** | **Review Type** |
| Amicucci, M., Mastronuzzi, A., Ciaralli, I., Piccioni, F., Schiopu, A. C., Tiozzo, E., ... & Dall’Oglio, I. (2020). The Management of Children with Cancer during the COVID-19 Pandemic: A Rapid Review. *Journal of clinical medicine*, *9*(11), 3756. | Italy | Rapid Review |
| Belkacemi, Y., Grellier, N., Ghith, S., Debbi, K., Coraggio, G., Bounedjar, A., ... & Gligorov, J. (2020). A review of the international early recommendations for Departments Organization and Cancer Management Priorities during the global COVID-19 pandemic. Applicability in low-and middle-income countries. *European Journal of Cancer*. | France | Literature Review |
| Tsamakis, K., Gavriatopoulou, M., Schizas, D., Stravodimou, A., Mougkou, A., Tsiptsios, D., ... & Rizos, E. (2020). Oncology during the COVID‑19 pandemic: challenges, dilemmas and the psychosocial impact on cancer patients. *Oncology letters*, *20*(1), 441-447. | Greece | Literature Review |
| Al-Tabba, A., Al-Hussaini, M., Mansour, R., Sultan, H., Abdel-Razeq, H., & Mansour, A. (2020). Ethical Considerations for Treating Cancer Patients During the SARS-CoV-2 Virus Crisis: To Treat or Not to Treat? A Literature Review and Perspective From a Cancer Center in Low-Middle Income Country. *Frontiers in Medicine*, *7*. | Jordan | Literature Review |
| Zaniboni, A., Ghidini, M., Grossi, F., Indini, A., Trevisan, F., Iaculli, A., ... & Petrelli, F. (2020). A review of clinical practice guidelines and treatment recommendations for cancer care in the COVID-19 pandemic. *Cancers*, *12*(9), 2452. | Italy | Literature Review |
| Hinduja, R. H., George, K., Barthwal, M., & Pareek, V. (2020, July). Radiation Oncology in times of COVID-2019: A review article for those in the eye of the storm–An Indian Perspective. In *Seminars in oncology*. WB Saunders. | India  | Literature Review |
| Garg, P. K., Kaul, P., Choudhary, D., Turaga, K. K., Singh, M. P., Tiwari, A. R., ... & Yendamuri, S. (2020). Discordance of COVID‐19 guidelines for patients with cancer: a systematic review. *Journal of surgical oncology*, *122*(4), 579-593. | India  | Systematic Review |
| Montero-Oleas, N., Puente-Vallejo, R., León-Micheli, B., Imbaquingo-Cabrera, A., Silva, M., Gamarra, E., ... & De Los Reyes, L. (2020). Reducing the impact of COVID-19 on radiation oncology units of developing countries: A rapid review and expert consensus. *Medwave*, *20*(8), e8012-e8012. | Ecuador | Rapid Review |
| Ho, S., Tan, Y. Y., Neo, S. H. S., Zhuang, Q., Chiam, M., Zhou, J. X., ... & Krishna, L. K. R. (2020). COVID-19-A Review of the Impact it has made on Supportive and Palliative Care Services Within a Tertiary Hospital and Cancer Centre in Singapore. *Annals of the Academy of Medicine, Singapore*, *49*(7), 489-495. | Singapore | Literature Review |

### Ophthalmology

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Shabto, J. M., De Moraes, C. G., Cioffi, G. A., & Liebmann, J. M. (2020). Review of hygiene and disinfection recommendations for outpatient glaucoma care: a COVID era update. *Journal of glaucoma*, *29*. | US | Literature Review |
| Vargas-Peirano, M., Navarrete, P., Díaz, T., Iglesias, G., & Hoehmann, M. (2020). Care of ophthalmological patients during the COVID-19 pandemic: A rapid scoping review. *Medwave*, *20*(4). | Chile | Rapid Review |
| Yeoh, S. H., Yong, G. Y., & Husni, M. A. (2020). New norms in ophthalmic surgery during the COVID-19 pandemic: A narrative review from a Malaysia tertiary eye care center. *European Journal of Ophthalmology*, 1120672120958325. | Malaysia | Narrative Review |

### Orthopedic Surgery

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Waseem, S., Nayar, S. K., Hull, P., Carrothers, A., Rawal, J., Chou, D., & Khanduja, V. (2020). The global burden of trauma during the COVID-19 pandemic: A scoping review. *Journal of clinical orthopaedics and trauma*. | UK | Scoping Review |
| Greenhalgh, M., Dupley, L., Unsworth, R., & Boden, R. (2020). Where did all the trauma go? A rapid review of the demands on orthopaedic services at a UK Major Trauma Centre during the COVID‐19 pandemic. *International Journal of Clinical Practice*, e13690. | UK | Rapid Review |
| Basso, T., Dale, H., Langvatn, H., Lønne, G., Skråmm, I., Westberg, M., ... & Witsø, E. (2020). Virus transmission during orthopedic surgery on patients with COVID-19–a brief narrative review. *Acta orthopaedica*, *91*(5), 534-537. | Norway | Narrative Review |
| Viswanath, A., & Monga, P. (2020). Working through the COVID-19 outbreak: Rapid review and recommendations for MSK and allied heath personnel. *Journal of clinical orthopaedics and trauma*, *11*(3), 500-503. | UK | Rapid Review |
| Chaudhry, H., Nadeem, S., & Mundi, R. (2021). How satisfied are patients and surgeons with telemedicine in orthopaedic care during the COVID-19 pandemic? A systematic review and meta-analysis. *Clinical Orthopaedics and Related Research®*, *479*(1), 47-56. | Canada | Systematic Review |
| Murphy, E. P., Fenelon, C., Murphy, R. P., O’Sullivan, M. D., Pomeroy, E., Sheehan, E., & Moore, D. P. (2020). Are virtual fracture clinics during the COVID-19 pandemic a potential alternative for delivering fracture care? A systematic review. *Clinical Orthopaedics and Related Research®*, *478*(11), 2610-2621. | Ireland | Systematic Review |
| Haider, Z., Aweid, B., Subramanian, P., & Iranpour, F. (2020). Telemedicine in orthopaedics and its potential applications during COVID-19 and beyond: A systematic review. *Journal of telemedicine and telecare*, 1357633X20938241. | UK | Systematic Review |
| Karasavvidis, T., Hirschmann, M. T., Kort, N. P., Terzidis, I., & Totlis, T. (2020). Home-based management of knee osteoarthritis during COVID-19 pandemic: literature review and evidence-based recommendations. *Journal of Experimental Orthopaedics*, *7*(1), 1-7. | Greece | Literature Review |
| Michelson, J. D. (2020). CORR Insights®: Are Virtual Fracture Clinics During the COVID-19 Pandemic a Potential Alternative to Delivering Fracture Care? A Systematic Review. *Clinical Orthopaedics and Related Research®*, *478*(11), 2622-2624. | US | Systematic Review |
| Yung, C. S. Y., Fok, K. C. H., Leung, C. N., & Wong, Y. W. (2020). What every orthopaedic surgeon should know about COVID-19: A review of the current literature. *Journal of Orthopaedic Surgery*, *28*(2), 2309499020923499. | Hong Kong | Literature Review |

### Pediatrics

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Shahbazi Sighaldeh, S., & Ebrahimi Kalan, M. (2020). Care of newborns born to mothers with COVID-19 infection; a review of existing evidence. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1-13. | Iran  | Literature Review |
| Genoni, G., Conio, A., Binotti, M., Manzoni, P., Castagno, M., Rabbone, I., & Monzani, A. (2020). Management and Nutrition of Neonates during the COVID-19 Pandemic: A Review of the Existing Guidelines and Recommendations. *American Journal of Perinatology*, *37*(S 02), S46-S53. | Italy | Literature Review |

### Pediatric Surgery

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Pini Prato, A., Conforti, A., Almstrom, M., Van Gemert, W., Scuderi, M. G., Khen-Dunlop, N., ... & Steyaert, H. (2020). Management of COVID-19-positive pediatric patients undergoing minimally invasive surgical procedures: systematic review and recommendations of the board of european society of pediatric endoscopic surgeons. *Frontiers in pediatrics*, *8*, 259. | Italy | Systematic Review |

### Pharmacy and Pharmacology

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Visacri, M. B., Figueiredo, I. V., & de Lima, T. M. (2020). Role of pharmacist during the COVID-19 pandemic: A scoping review. *Research in Social and Administrative Pharmacy*. | Brazil | Scoping Review  |
| Sucher, A. J., Sayre, T. J., Dagen, K., Vasas, T., & Chahine, E. B. (2020). A review of coronavirus disease 2019 (COVID-19) for pharmacists. | United States | Literature Review |
| Kothandan, S., Venkatesan, A., Radhakrishnan, A., Reddy, K. V. N., Kuppusamy, G., Dhanabal, S. P., ... & Bhojraj, S. (2020). Bite-sized review on advance delivery system, support in the management of covid-19. *International Journal of Research in Pharmaceutical Sciences*, *11*(Special Issue 1). | India  | Literature Review |

### Plastic Surgery

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Teitelbaum, S., Diaz, J., & Singer, R. (2021). Can Outpatient Plastic Surgery Be Done Safely During a COVID-19 Surge? Results of a July 2020 Los Angeles Survey and Literature Review. *Aesthetic Surgery Journal*, *41*(1), 98-108. | US | Literature Review |
| Ozturk, C. N., Kuruoglu, D., Ozturk, C., Rampazzo, A., & Gurunian, R. (2020). Plastic surgery and the COVID-19 pandemic: a review of clinical guidelines. *Annals of plastic surgery*. | US | Literature Review |
| Dorfman, R., Saadat, S., Gupta, N., Roostaeian, J., & Da Lio, A. (2020). The COVID-19 pandemic and plastic surgery: literature review, ethical analysis, and proposed guidelines. *Plastic and Reconstructive Surgery*, *146*(4), 482e-493e. | US | Literature Review |
| Boyce, L., Nicolaides, M., Hanrahan, J. G., Sideris, M., & Pafitanis, G. (2020). The early response of plastic and reconstructive surgery services to the COVID-19 pandemic: A systematic review. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. | UK | Systematic Review |

### Primary Care

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Sarti, T. D., Lazarini, W. S., Fontenelle, L. F., & Almeida, A. P. S. C. (2020). Organization of Primary Health Care in pandemics: a rapid systematic review of the literature in times of COVID-19. *medRxiv*. | Brazil | Rapid Review |
| Mitchell, S., Maynard, V., Lyons, V., Jones, N., & Gardiner, C. (2020). The role and response of primary healthcare services in the delivery of palliative care in epidemics and pandemics: A rapid review to inform practice and service delivery during the COVID-19 pandemic. *Palliative Medicine*, *34*(9), 1182-1192. | UK | Rapid Review |

### Psychiatry

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Marra, D. E., Hamlet, K. M., Bauer, R. M., & Bowers, D. (2020). Validity of teleneuropsychology for older adults in response to COVID-19: A systematic and critical review. *The Clinical Neuropsychologist*, *34*(7-8), 1411-1452. | US | Critical Review |
| Chherawala, N., & Gill, S. (2020). Up-to-date review of psychotherapy via videoconference: implications and recommendations for the RANZCP Psychotherapy Written Case during the COVID-19 pandemic. *Australasian Psychiatry*, *28*(5), 517-520. | Australia | Literature Review |
| Barnett, P., Goulding, L., Casetta, C., Jordan, H., Rains, L. S., Steare, T., ... & Johnson, S. (2020). Remote working in mental health services: a rapid umbrella review of pre-COVID-19 literature. *medRxiv*. | UK | Scoping Review |
| Fredericks, S., Miranda, J., Sidani, S., & Farooqui, M. A. A. (2020). Identifying evidence informed psychological interventions during the COVID-19 pandemic: Rapid review of the literature. *Brain, behavior, & immunity-health*. | US | Rapid Review |
| Poletti, B., Tagini, S., Brugnera, A., Parolin, L., Pievani, L., Ferrucci, R., ... & Silani, V. (2020). Telepsychotherapy: a leaflet for psychotherapists in the age of COVID-19. A review of the evidence. *Counselling Psychology Quarterly*, 1-16. | Italy | Literature Review |
| Drissi, N., Ouhbi, S., Marques, G., de la Torre Díez, I., Ghogho, M., & Janati Idrissi, M. A. (2020). A Systematic Literature Review on e-Mental Health Solutions to Assist Health Care Workers During COVID-19. *Telemedicine and e-Health*. | UAE | Systematic Review |
| Alves, G. S., Casali, M. E., Veras, A. B., Carrilho, C. G., Bruno Costa, E., Rodrigues, V. M., & Dourado, M. C. N. (2020). A Systematic Review of Home-Setting Psychoeducation Interventions for Behavioral Changes in Dementia: Some Lessons for the COVID-19 Pandemic and Post-Pandemic Assistance. *Frontiers in psychiatry*, *11*, 1028. | Brazil | Systematic Review |
| Weinberg, H. (2020). Online group psychotherapy: Challenges and possibilities during COVID-19—A practice review. *Group Dynamics: Theory, Research, and Practice*, *24*(3), 201. | US | Literature Review |
| Lenferink, L. I. M., Meyerbröker, K., & Boelen, P. A. (2020). PTSD treatment in times of COVID-19: A systematic review of the effects of online EMDR. *Psychiatry research*, *293*, 113438. | Netherlands | Systematic Review |
| Simon, P. D. (2020). A quick review of recommendations and evidences on telepsychotherapy and digital psychiatry for researchers and mental health professionals in the time of COVID-19. *International Journal of Social Psychiatry*, 0020764020962537. | Philippines | Literature Review |

### Public Health

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Mark, K., Steel, K., Stevenson, J., Evans, C., McCormick, D., Willocks, L., ... & Mackintosh, C. (2020). Coronavirus disease (COVID-19) community testing team in Scotland: a 14-day review, 6 to 20 February 2020. *Eurosurveillance*, *25*(12), 2000217. | UK | Literature Review |
| Singh, H. J. L., Couch, D., & Yap, K. (2020). Mobile health apps that help with COVID-19 management: scoping review. *Jmir Nursing*, *3*(1), e20596. | Australia | Scoping Review |
| Yoon, Y. K., Lee, J., Kim, S. I., & Peck, K. R. (2020). A Systematic Narrative Review of Comprehensive Preparedness Strategies of Healthcare Resources for a Large Resurgence of COVID-19 Nationally, with Local or Regional Epidemics: Present Era and Beyond. *Journal of Korean medical science*, *35*(44). | South Korea | Narrative Review |
| Klein, M. G., Cheng, C. J., Lii, E., Mao, K., Mesbahi, H., Zhu, T., ... & Hupert, N. (2020). COVID-19 models for hospital surge capacity planning: A systematic review. *Disaster medicine and public health preparedness*, 1-17. | US | Systematic Review |
| Atif, M., & Malik, I. (2020). Why is Pakistan vulnerable to COVID‐19 associated morbidity and mortality? A scoping review. *The International journal of health planning and management*, *35*(5), 1041-1054. | Pakistan | Scoping Review |
| Marbouh, D., Abbasi, T., Maasmi, F., Omar, I. A., Debe, M. S., Salah, K., ... & Ellahham, S. (2020). Blockchain for COVID-19: Review, Opportunities, and a Trusted Tracking System. *Arabian Journal for Science and Engineering*, 1-17. | UAE | Literature Review |
| Wilkinson, R., Hines, L., Holland, A., Mandal, S., & Phipps, E. (2020). Rapid evidence review of harm reduction interventions and messaging for people who inject drugs during pandemic events: implications for the ongoing COVID-19 response. *Harm reduction journal*, *17*(1), 1-10. | UK | Rapid Review |
| Al-Khateeb, B. F. (2020). Changing agendas and priorities of public health associations across the globe following in the era of COVID-19 pandemic—A mini-review. *Journal of family medicine and primary care*, *9*(8), 3838. | Saudi Arabia | Literature Review |

### Pulmonology

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| **Citation** | **Country** | **Review Type** |
| Holland, A. E., Malaguti, C., Hoffman, M., Lahham, A., Burge, A. T., Dowman, L., ... & Cox, N. S. (2020). Home-based or remote exercise testing in chronic respiratory disease, during the COVID-19 pandemic and beyond: A rapid review. *Chronic respiratory disease*, *17*, 1479973120952418. | Australia | Rapid Review |
| Kumar, S., Mehta, S., Sarangdhar, N., Ray, A., Sinha, S., & Wig, N. (2020). Management of COVID-19 from the pulmonologist’s perspective: a narrative review. *Expert Review of Respiratory Medicine*, 1-17. | India  | Narrative Review |

### Radiology

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Shi, F., Wang, J., Shi, J., Wu, Z., Wang, Q., Tang, Z., ... & Shen, D. (2020). Review of artificial intelligence techniques in imaging data acquisition, segmentation and diagnosis for covid-19. *IEEE reviews in biomedical engineering*. | China | Literature Review |
| Iqbal, M., Shahbaz, M., Qadeer, O. B., Nazir, K., Naeem, M., Afzal, M. S., & Imran, M. B. (2020). Nuclear medicine practices during the COVID-19 pandemic—review of some recently published protocols. *Egyptian Journal of Radiology and Nuclear Medicine*, *51*(1), 1-8. | Pakistan | Literature Review |
| Joshi, A., Bloom, D. A., Spencer, A., Gaetke-Udager, K., & Cohan, R. H. (2020). Video interviewing: A review and recommendations for implementation in the era of COVID-19 and beyond. *Academic radiology*. | US | Literature Review |
| Ng, L. F. H., Tsang, H. H. C., Wong, F. H. Y., Law, M. W. C., Chong, W. H., Ho, C. H. N., ... & Ma, J. K. F. (2020). Radiological findings in COVID-19 and adaptive approaches for radiology departments: Literature review and experience sharing. *Hong Kong J Radiol*, *23*(2), 72-83. | Hong Kong | Literature Review |
| Smith, M. J., Hayward, S. A., Innes, S. M., & Miller, A. S. C. (2020). Point‐of‐care lung ultrasound in patients with COVID‐19–a narrative review. *Anaesthesia*, *75*(8), 1096-1104. | UK | Narrative Review |
| Azam, S. A., Myers, L., Fields, B. K., Demirjian, N. L., Patel, D., Roberge, E., ... & Reddy, S. (2020). Coronavirus disease 2019 (COVID-19) pandemic: review of guidelines for resuming non-urgent imaging and procedures in radiology during phase II. *Clinical imaging*. | US | Literature Review |

### Rehabilitation and physiotherapy

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| **Citation** | **Country** | **Review Type** |
| Wittmeier, K., Parsons, J., Webber, S., Askin, N., & Salonga, A. (2020). Operational Considerations for Physical Therapy During COVID-19: A Rapid Review. *Physical therapy*, *100*(11), 1917–1929. https://doi.org/10.1093/ptj/pzaa156 | Canada | Rapid Review |
| Abeeshna Ashok, & Dhanesh Kumar K U. (2020). Osteogenesis imperfecta and physical therapy: A review of recent trends during the COVID-19 pandemic. *International Journal of Research in Pharmaceutical Sciences*, *11*(SPL1), 951-956. https://doi.org/10.26452/ijrps.v11iSPL1.3243 | India  | Literature Review |
| Demeco, A., Marotta, N., Barletta, M., Pino, I., Marinaro, C., Petraroli, A., ... & Ammendolia, A. (2020). Rehabilitation of patients post-Covid-19 infection: a literature review. *Journal of International Medical Research*, *48*(8), 0300060520948382. | Italy | Literature Review |
| Patel, D. J., & 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). | Canada | Literature Review |

### Sports Medicine

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Fabre, J. B., Grelot, L., Vanbiervielt, W., Mazerie, J., Manca, R., & Martin, V. (2020). Managing the combined consequences of COVID-19 infection and lock-down policies on athletes: narrative review and guidelines proposal for a safe return to sport. *BMJ Open Sport & Exercise Medicine*, *6*(1), e000849. | France | Narrative Review |
| Dijkstra, H. P., Ergen, E., Holtzhausen, L., Beasley, I., Alonso, J. M., Geertsema, L., ... & Andersen, T. E. (2020). Remote assessment in sport and exercise medicine (SEM): a narrative review and teleSEM solutions for and beyond the COVID-19 pandemic. *British Journal of Sports Medicine*, *54*(19), 1162-1167. | Qatar | Narrative Review |

### Surgery (general)

|  |  |  |
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| **Citation** | **Country** | **Review Type** |
| O'Rielly, C., Kamstra, J. N., Kania-Richmond, A., Dort, J. C., White, J., Robert, J., ... & Sauro, K. M. (2020). Surgery & COVID-19: A rapid scoping review of the impact of COVID-19 on surgical services during public health emergencies. *medRxiv*. | Canada | Rapid Review |
| Bresadola, V., Biddau, C., Puggioni, A., Tel, A., Robiony, M., Hodgkinson, J., & Leo, C. A. (2020). General surgery and COVID-19: review of practical recommendations in the first pandemic phase. *Surgery today*, 1-9. | Italy | Literature Review |
| Jessop, Z. M., Dobbs, T. D., Ali, S. R., Combellack, E., Clancy, R., Ibrahim, N., ... & Whitaker, I. S. (2020). Personal protective equipment for surgeons during. *British Journal of Surgery*, *107*(10), 1262-1280. | UK | Systematic Review |
| Emile, S. H., & Hamid, H. K. (2020). A critical review of the safety of minimally invasive surgery in the era of COVID-19. *Minimally Invasive Therapy & Allied Technologies*, 1-7. | Egypt | Critical Review |
| Prakash, L., Dhar, S. A., & Mushtaq, M. (2020). COVID-19 in the operating room: a review of evolving safety protocols. *Patient Safety in Surgery*, *14*(1), 1-8. | India  | Systematic Review |
| Lee, Y., Kirubarajan, A., Patro, N., Soon, M. S., Doumouras, A. G., & Hong, D. (2020). Impact of hospital lockdown secondary to COVID-19 and past pandemics on surgical practice: A living rapid systematic review. *The American Journal of Surgery*. | Canada | Rapid Review |
| Soltany, A., Hamouda, M., Ghzawi, A., Sharaqi, A., Negida, A., Soliman, S., & Benmelouka, A. Y. (2020). A scoping review of the impact of COVID-19 pandemic on surgical practice. *Annals of Medicine and Surgery*. | Syria | Scoping Review |
| Shinde, R. S., Naik, M. D., Shinde, S. R., Bhandare, M. S., Chaudhari, V. A., Shrikhande, S. V., & Dcruz, A. K. (2020). To Do or Not to Do?—A Review of Cancer Surgery Triage Guidelines in COVID-19 Pandemic. *Indian journal of surgical oncology*, *11*, 175-181. | India  | Literature Review |
| Alsofyani, M. A., Malaekah, H. M., Bashawyah, A., Bawazeer, M., Akkour, K., Alsalmi, S., ... & Obeid, I. (2020). Safety measures for COVID-19: a review of surgical preparedness at four major medical centres in Saudi Arabia. *Patient safety in surgery*, *14*(1), 1-14. | Saudi Arabia | Literature Review |
| Garzón, MM (2020). Managing Suspected COVID-19 Patients in Surgical Settings: An Integrative Review. *Cuidarte Magazine* , *11* (2). | Colombia | Integrative Review |
| El Boghdady, M., & Ewalds-Kvist, B. M. (2020). Laparoscopic Surgery and the debate on its safety during COVID-19 pandemic: A systematic review of recommendations. *The Surgeon*. | UK | Systematic Review |
| Chadi, S. A., Guidolin, K., Caycedo-Marulanda, A., Sharkawy, A., Spinelli, A., Quereshy, F. A., & Okrainec, A. (2020). Current evidence for minimally invasive surgery during the COVID-19 pandemic and risk mitigation strategies: a narrative review. *Annals of surgery*, *272*(2), e118. | Canada | Narrative Review |
| Al Samaraee, A., & Thwaini, A. (2020). Early observations from the initial impact of the current COVID-19 pandemic on surgical services in the United Kingdom: a comprehensive review. *European review for medical and pharmacological sciences*, *24*(20), 10885-10895. | UK | Literature Review |
| Mun, D. H., Pradere, B., Shariat, S. F., & Remzi, M. (2020). Intraoperative aerosol viral transmission in minimally invasive surgery: a scoping review and impact on clinical guidelines and practice during the onset of the coronavirus disease 2019 (COVID-19) pandemic. *BJU international*. | Austria | Scoping Review |
| Hojaij, F. C., Chinelatto, L. A., Boog, G. H. P., Kasmirski, J. A., Lopes, J. V. Z., & Sacramento, F. M. (2020). Surgical practice in the current COVID-19 pandemic: a rapid systematic review. *Clinics*, *75*. | Brazil | Rapid Review |
| Harkin, D. W. (2020). Ethics for surgeons during the COVID-19 pandemic, review article. *Annals of Medicine and Surgery*. | UK | Narrative Review |
| Yadav, S. K., Agrawal, V., Agarwal, P., & Sharma, D. (2020). Rapid scoping review of laparoscopic surgery guidelines during the COVID-19 pandemic and appraisal using a simple quality appraisal tool “EMERGE”. *Indian Journal of Surgery*, 1-11. | India  | Rapid Review |
| Huda, F., Kumar, P., Singh, S. K., Agarwal, S., & Basu, S. (2020). Covid-19 and surgery: Challenging issues in the face of new normal–A narrative review. *Annals of Medicine and Surgery*. | India  | Narrative Review |
| Vajsbaher, T., Curtis, N. J., Slim, N., Mayol, J., & Francis, N. K. (2020). Evidence‐based approach for surgery during COVID‐19: Review of the literature and social media. *British Journal of Surgery*, *107*(10), e407-e408. | Germany | Literature Review |
| Brat, G. A., Hersey, S., Chhabra, K., Gupta, A., & Scott, J. (2020). Protecting surgical teams during the COVID-19 outbreak: a narrative review and clinical considerations. *Annals of surgery*. | US | Narrative Review |
| Moletta, L., Pierobon, E. S., Capovilla, G., Costantini, M., Salvador, R., Merigliano, S., & Valmasoni, M. (2020). International guidelines and recommendations for surgery during Covid-19 pandemic: a systematic review. *International Journal of Surgery*. | Italy | Systematic Review |

### Urology

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| **Citation** | **Country** | **Review Type** |
| Mazzucchi, E., Torricelli, F. C., Vicentini, F. C., Marchini, G. S., Danilovic, A., Batagello, C. A., ... & Nahas, W. C. (2020). The impact of COVID-19 in medical practice. A review focused on Urology. *International braz j urol: official journal of the Brazilian Society of Urology*, *46*. | Brazil | Literature Review |
| Katims, A. B., Razdan, S., Eilender, B. M., Wiklund, P., Tewari, A. K., Kyprianou, N., ... & Mehrazin, R. (2020, June). Urologic oncology practice during COVID-19 pandemic: A systematic review on what can be deferrable vs. nondeferrable. In *Urologic Oncology: Seminars and Original Investigations*. Elsevier. | US | Systematic Review |
| Shinder, B. M., Patel, H. V., Sterling, J., Tabakin, A. L., Kim, I. Y., Jang, T. L., & Singer, E. A. (2020, July). Urologic oncology surgery during COVID-19: a rapid review of current triage guidance documents. In *Urologic Oncology: Seminars and Original Investigations* (Vol. 38, No. 7, pp. 609-614). Elsevier. | US | Rapid Review |
| Patel, K., Choudhury, A., Hoskin, P., Varughese, M., James, N., Huddart, R., & Birtle, A. (2020). Clinical guidance for the management of patients with urothelial cancers during the COVID-19 pandemic–rapid review. *Clinical Oncology*, *32*(6), 347-353. | UK | Rapid Review |
| Novara, G., Checcucci, E., Crestani, A., Abrate, A., Esperto, F., Pavan, N., ... & Ficarra, V. (2020). Telehealth in urology: a systematic review of the literature. How much can telemedicine be useful during and after the COVID-19 pandemic?. *European urology*. | Italy | Systematic Review |
| Amparore, D., Campi, R., Checcucci, E., Sessa, F., Pecoraro, A., Minervini, A., ... & Porpiglia, F. (2020). Forecasting the future of Urology practice: a comprehensive review of the recommendations by International and European Associations on priority procedures during the COVID-19 pandemic. *European urology focus*. | Italy | Literature Review |
| Wignall, D., Lee, L., & Gkentzis, A. (2020). A Review of Telephone Urological Follow-Up in a District General Hospital During the COVID-19 Pandemic. *SN comprehensive clinical medicine*, 1-7. | UK | Literature Review |

### Not specified

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Albrecht, R., Knapp, J., Theiler, L., Eder, M., & Pietsch, U. (2020). Transport of COVID-19 and other highly contagious patients by helicopter and fixed-wing air ambulance: a narrative review and experience of the Swiss air rescue Rega. *Scandinavian journal of trauma, resuscitation and emergency medicine*, *28*, 1-6. | Switzerland | Narrative Review |
| Jani, B. D., Pell, J. P., McGagh, D., Liyanage, H., Kelly, D., de Lusignan, S., ... & Mair, F. S. (2020). Recording COVID-19 consultations: review of symptoms, risk factors, and proposed SNOMED CT terms. *BJGP open*, *4*(4). | UK | Literature Review |
| Dijkhuizen, L. G. M., Gelderman, H. T., & Duijst, W. L. J. M. (2020). The safe handling of a corpse (suspected) with COVID-19. *Journal of Forensic and Legal Medicine*, 101999. | Netherlands | Literature Review |
| Pezeshki, M. Z., Janati, A., & Arab-Zozani, M. (2020). Medical overuse in the Iranian healthcare system: a systematic scoping review and practical recommendations for decreasing medical overuse during unexpected COVID-19 pandemic opportunity. *Risk management and healthcare policy*, *13*, 1103. | Iran  | Scoping Review |
| Chauhan, D. S., Prasad, R., Srivastava, R., Jaggi, M., Chauhan, S. C., & Yallapu, M. M. (2020). Comprehensive review on current interventions, diagnostics, and nanotechnology perspectives against SARS-CoV-2. *Bioconjugate Chemistry*, *31*(9), 2021-2045. | India  | Literature Review |
| Baratashvili, Z., Kazakhashvili, N., & Gerzmava, O. (2020). ; PROBLEMS OF MONITORING THE QUALITY OF HOSPITALS IN GEORGIA IN THE CONTEXT OF THE COVID 19 PANDEMIC (REVIEW). *Georgian Medical News*, (304-305), 163-169. | Georgia | Literature Review |
| Swapnarekha, H., Behera, H. S., Nayak, J., & Naik, B. (2020). Role of intelligent computing in COVID-19 prognosis: A state-of-the-art review. *Chaos, Solitons & Fractals*, *138*, 109947. | India  | Literature Review |
| Andrews, E., Berghofer, K., Long, J., Prescott, A., & Caboral-Stevens, M. (2020). Satisfaction with the use of telehealth during COVID-19: An integrative review. *International journal of nursing studies advances*, *2*, 100008. | US | Integrative Review |
| Tayarani-N, M. H. (2020). Applications of artificial intelligence in battling against Covid-19: a literature review. *Chaos, Solitons & Fractals*, 110338. | UK | Literature Review |
| Deka, S., & Kalita, D. (2020). Effectiveness of Sample Pooling Strategies for SARS-CoV-2 Mass Screening by RT-PCR: A Scoping Review. *Journal of laboratory physicians*, *12*(3), 212. | India  | Scoping Review |
| Bansal, A., Padappayil, R. P., Garg, C., Singal, A., Gupta, M., & Klein, A. (2020). Utility of artificial intelligence amidst the COVID 19 pandemic: a review. *Journal of Medical Systems*, *44*(9), 1-6. | US | Literature Review |
| Stamm, T. A., Andrews, M. R., Mosor, E., Ritschl, V., Li, L. C., Ma, J. K., ... & Gartlehner, G. (2020). Clinical practice guidelines and recommendations in the context of the COVID-19 pandemic: systematic review and critical appraisal. | Australia | Systematic Review |
| Ekberg, S., Parry, R., Land, V., Ekberg, K., Pino, M., & Antaki, C. (2020). Communicating with patients and families about difficult matters: A rapid review in the context of the COVID-19 pandemic. *medRxiv*. | Australia | Systematic Review |
| Rani, S. (2020). A review of the management and safe handling of bodies in cases involving COVID-19. *Medicine, Science and the Law*, *60*(4), 287-293. | India | Literature Review |
| Pezeshki, M. Z., Janati, A., & Arab-Zozani, M. (2020). Medical overuse in the Iranian healthcare system: a systematic scoping review and practical recommendations for decreasing medical overuse during unexpected COVID-19 pandemic opportunity. *Risk management and healthcare policy*, *13*, 1103. | Iran | Scoping Review |
| Lugli, G., Ottaviani, M. M., Botta, A., Ascione, G., Bruschi, A., Cagnazzo, F., ... & Portaluri, T. (2020). The impact of the SARS-CoV-2 pandemic on healthcare provision in Italy to non-COVID patients: a systematic review. *medRxiv*. | Italy | Systematic Review |
| Amimo, F., Lambert, B., Magit, A., & Hashizume, M. (2020). The potential impact of the COVID-19 pandemic on HIV, tuberculosis, and malaria control in Africa: a systematic review of modelling studies and population surveys. | Japan | Systematic Review |
| Billings, J., Ching, B. C. F., Gkofa, V., Greene, T., & Bloomfield, M. (2020). Healthcare workers experiences of working on the frontline and views about support during COVID-19 and comparable pandemics: A rapid review and meta-synthesis. *MedRxiv*. | UK | Rapid Review |
| Luqman-Arafath, T. K., Jubbal, S. S., Gireesh, E. D., Margapuri, J., Jogu, H. R., Patni, H., ... & Penupolu, S. (2020). Supportive Care for Corona virus Pneumonia and Risk of Infection to Health Care Workers; A Rapid GRADE Review. *medRxiv*. | US | Rapid Review |
| Syeda, H. B., Syed, M., Sexton, K. W., Syed, S., Begum, S., Syed, F., ... & Yu Jr, F. (2021). Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review. *JMIR medical informatics*, *9*(1), e23811. | US | Systematic Review |
| Gao, Y., Liu, R., Zhou, Q., Wang, X., Huang, L., Shi, Q., ... & Tian, D. (2020). Application of telemedicine during the coronavirus disease epidemics: a rapid review and meta-analysis. *Annals of translational medicine*, *8*(10). | China | Rapid Review |
| Monaghesh, E., & Hajizadeh, A. (2020). The role of telehealth during COVID-19 outbreak: a systematic review based on current evidence. *BMC Public Health*, *20*(1), 1-9. | Iran | Systematic Review |
| Golinelli, D., Boetto, E., Carullo, G., Nuzzolese, A. G., Landini, M. P., & Fantini, M. P. (2020). Adoption of Digital Technologies in Health Care During the COVID-19 Pandemic: Systematic Review of Early Scientific Literature. *Journal of medical Internet research*, *22*(11), e22280. | Italy | Systematic Review |
| Sidhu, M. S., & Georghiou, T. Remote home monitoring (virtual wards) during the COVID-19 pandemic: a systematic. | UK | Systematic Review |
| Lalmuanawma, S., Hussain, J., & Chhakchhuak, L. (2020). Applications of machine learning and artificial intelligence for Covid-19 (SARS-CoV-2) pandemic: A review. *Chaos, Solitons & Fractals*, 110059. | India | Literature Review |
| Kumar, A., Gupta, P. K., & Srivastava, A. (2020). A review of modern technologies for tackling COVID-19 pandemic. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, *14*(4), 569-573. | India  | Literature Review |
| Salehinejad, S., Niakan Kalhori, S. R., Hajesmaeel Gohari, S., Bahaadinbeigy, K., & Fatehi, F. (2020). A review and content analysis of national apps for COVID-19 management using Mobile Application Rating Scale (MARS). *Informatics for Health and Social Care*, 1-14. | Iran  | Literature Review |
| Holland, A. E., Malaguti, C., Hoffman, M., Lahham, A., Burge, A. T., Dowman, L., ... & Cox, N. S. (2020). Home-based and remote exercise testing in chronic respiratory disease, during the COVID-19 pandemic and beyond: A rapid review. *medRxiv*. | Australia | Rapid Review |
| Davalbhakta, S., Advani, S., Kumar, S., Agarwal, V., Bhoyar, S., Fedirko, E., ... & Agarwal, V. (2020). A systematic review of the smartphone applications available for coronavirus disease 2019 (COVID19) and their assessment using the mobile app rating scale (MARS). *medRxiv*. | India | Systematic Review |
| Golinelli, D., Boetto, E., Carullo, G., Landini, M. P., & Fantini, M. P. (2020). How the COVID-19 pandemic is favoring the adoption of digital technologies in healthcare: a rapid literature review. *MedRxiv*. | Italy | Literature Review |
| Agbehadji, I. E., Awuzie, B. O., Ngowi, A. B., & Millham, R. C. (2020). Review of big data analytics, artificial intelligence and nature-inspired computing models towards accurate detection of COVID-19 pandemic cases and contact tracing. *International journal of environmental research and public health*, *17*(15), 5330. | South Africa | Literature Review |
| Dos Santos, M. J., Martins, M. S., Santana, F. L. P., Furtado, M. C. S. P. C., Miname, F. C. B. R., da Silva Pimentel, R. R., ... & da Silva, L. H. (2020). COVID-19: instruments for the allocation of mechanical ventilators—a narrative review. *Critical Care*, *24*(1), 1-10. | Brazil | Narrative Review |
| Baron, D. M., Franchini, M., Goobie, S. M., Javidroozi, M., Klein, A. A., Lasocki, S., ... & Meybohm, P. (2020). Patient blood management during the COVID–19 pandemic: a narrative review. *Anaesthesia*, *75*(8), 1105-1113. | Austria | Narrative Review |
| Zheng, H., Hébert, H. L., Chatziperi, A., Meng, W., Smith, B. H., Yan, J., ... & Colvin, L. A. (2020). Perioperative management of patients with suspected or confirmed COVID-19: review and recommendations for perioperative management from a retrospective cohort study. *British journal of anaesthesia*. | China | Rapid Review |
| Khurshid, Z., De Brún, A., Moore, G., & McAuliffe, E. (2020). Virtual adaptation of traditional healthcare quality improvement training in response to COVID-19: a rapid narrative review. *Human resources for health*, *18*(1), 1-18. | Ireland | Rapid Review |
| Welsh Surgical Research Initiative. (2020). Recommended operating room practice during the COVID‐19 pandemic: systematic review. *BJS open*. | UK | Systematic Review |
| Kumar, R., Nedungalaparambil, N. M., & Mohanan, N. (2020). Emergency and primary care collaboration during COVID-19 pandemic: A quick systematic review of reviews. *Journal of Family Medicine and Primary Care*, *9*(8), 3856. | India  | Systematic Review |
| Sorbello, M., Rosenblatt, W., Hofmeyr, R., Greif, R., & Urdaneta, F. (2020). Aerosol boxes and barrier enclosures for airway management in COVID-19 patients: a scoping review and narrative synthesis. *BJA: British Journal of Anaesthesia*, *125*(6), 880. | Italy | Scoping Review |
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| Brammer, C., Donohue, S., Elwell, T., Fishbein, E., Horne, D., Lloyd-Krejci, B., ... & Winterbauer, E. (2020, September). Qualitative review of early experiences of off-site COVID-19 testing centers and associated considerations. In *Healthcare* (Vol. 8, No. 3, p. 100449). Elsevier. |
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 | US | Qualitative Review |
| Devangi Agrawal, Namisha Khara, Bhushan Mundada, Nitin Bhola, & Rajiv Borle. (2020). Covid-19 and its financial effects on the dental fraternity and health-care workers: A literature review. *International Journal of Research in Pharmaceutical Sciences*, *11*(SPL1), 628-631. https://doi.org/10.26452/ijrps.v11iSPL1.2883 | India  | Literature Review |
| Moghnieh, R., & Bizri, A. R. (2020). Escalation of standard precautions during COVID-19 pandemic: Review of electronic literature and position paper. *Journal Medical Libanais*, *68*(1-2). | Lebanon | Narrative Review |
| Yaacoub, S., Schünemann, H. J., Khabsa, J., El-Harakeh, A., Khamis, A. M., Chamseddine, F., ... & Akl, E. A. (2020). Safe management of bodies of deceased persons with suspected or confirmed COVID-19: a rapid systematic review. *BMJ global health*, *5*(5), e002650. | Lebanon | Rapid Review |
| Silva, K. R. D., Souza, F. G. D., Roquete, F. F., Faria, S. M. D. C., Peixoto, B. C. F., & Vieira, A. (2020). Allocation of resources for health care in COVID-19 pandemic times: integrative review. *Revista brasileira de enfermagem*, *73*. | Brazil | Integrative Review |
| Martinez, J. A., Miller, R. H., & Martinez, R. A. (2020). Patient Questions Surrounding Mask Use for Prevention of COVID-19 and Physician Answers from an Evidence-Based Perspective: a Narrative Review. *Journal of general internal medicine*, 1-6. | US | Narrative Review |
| Haghani, M., Bliemer, M. C., Goerlandt, F., & Li, J. (2020). The scientific literature on Coronaviruses, COVID-19 and its associated safety-related research dimensions: A scientometric analysis and scoping review. *Safety science*, *129*, 104806. | Australia | Scoping Review |
| Kirkpatrick, J. N., Hull, S. C., Fedson, S., Mullen, B., & Goodlin, S. J. (2020). Scarce-resource allocation and patient triage during the COVID-19 pandemic: JACC Review Topic of the Week. *Journal of the American College of Cardiology*, *76*(1), 85-92. | US | Literature Review |
| Janbabai, G., Razavi, S., & Dabbagh, A. (2020). How to manage perioperative patient flow during COVID-19 pandemic: a narrative review. *Journal of Cellular & Molecular Anesthesia*, *5*(1), 47-56. | Iran  | Narrative Review |
| Oladapo, B. I., Ismail, S. O., Afolalu, T. D., Olawade, D. B., & Zahedi, M. (2021). Review on 3D printing: Fight against COVID-19. *Materials chemistry and physics*, *258*, 123943. | UK | Literature Review |
| Schutzer-Weissmann, J., Magee, D. J., & Farquhar-Smith, P. (2020). Severe acute respiratory syndrome coronavirus 2 infection risk during elective peri-operative care: a narrative review. *Anaesthesia*, *75*(12), 1648–1658. https://doi.org/10.1111/anae.15221 | UK | Narrative Review |
| Dagens, A., Sigfrid, L., Cai, E., Lipworth, S., Cheung, V., Harris, E., ... & Horby, P. (2020). Scope, quality, and inclusivity of clinical guidelines produced early in the covid-19 pandemic: rapid review. *bmj*, *369*. | UK | Rapid Review |
| Russo, B., & Iudici, M. (2020). Interventions for healthcare professionals caring for COVID-19 patients (beyond vaccines): A systematic review. *Infection Control & Hospital Epidemiology*, 1-2. | Switzerland | Systematic Review |
| Ramaraj, P., Super, J., Doyle, R., Aylwin, C., & Hettiaratchy, S. (2020). Triaging of respiratory protective equipment on the assumed risk of SARS-CoV-2 aerosol exposure in patient-facing healthcare workers delivering secondary care: a rapid review. *BMJ open*, *10*(10), e040321. | UK | Rapid Review |
| Kichloo, A., Albosta, M., Dettloff, K., Wani, F., El-Amir, Z., Singh, J., ... & Chugh, S. (2020). Telemedicine, the current COVID-19 pandemic and the future: a narrative review and perspectives moving forward in the USA. *Family medicine and community health*, *8*(3). | US | Narrative Review |
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| Chen, J., & See, K. C. (2020). Artificial Intelligence for COVID-19: Rapid Review. *Journal of medical Internet research*, *22*(10), e21476. |
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 | Singapore | Rapid Review |
| Golinelli, D., Boetto, E., Carullo, G., Nuzzolese, A. G., Landini, M. P., & Fantini, M. P. (2020). Adoption of Digital Technologies in Health Care During the COVID-19 Pandemic: Systematic Review of Early Scientific Literature. *Journal of medical Internet research*, *22*(11), e22280. | Italy | Systematic Review |
| Monaghesh, E., & Hajizadeh, A. (2020). The role of telehealth during COVID-19 outbreak: a systematic review based on current evidence. *BMC Public Health*, *20*(1), 1-9. | Iran  | Systematic Review |
| Doraiswamy, S., Abraham, A., Mamtani, R., & Cheema, S. (2020). Use of Telehealth During the COVID-19 Pandemic: Scoping Review. *Journal of medical Internet research*, *22*(12), e24087. | Qatar | Scoping Review |
| Sutherland, A. E., Stickland, J., & Wee, B. (2020). Can video consultations replace face-to-face interviews? Palliative medicine and the Covid-19 pandemic: rapid review. *BMJ supportive & palliative care*, *10*(3), 271-275. | UK | Rapid Review |
| Anthony Jnr, B. (2021). Implications of telehealth and digital care solutions during COVID-19 pandemic: a qualitative literature review. *Informatics for Health and Social Care*, *46*(1), 68-83. | Norway | Literature Review |
| Lieneck, C., Garvey, J., Collins, C., Graham, D., Loving, C., & Pearson, R. (2020, December). Rapid Telehealth Implementation during the COVID-19 Global Pandemic: A Rapid Review. In *Healthcare* (Vol. 8, No. 4, p. 517). Multidisciplinary Digital Publishing Institute. | US | Rapid Review |
| Halamka, J., Cerrato, P., & Perlman, A. (2020). Redesigning COVID 19 care with network medicine and machine learning: A review. *Mayo Clinic Proceedings: Innovations, Quality & Outcomes*. | US | Literature Review |

## 3h: Artificial Intelligence

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| **Citation** | **Country** | **Review Type** |
| Lalmuanawma, S., Hussain, J., & Chhakchhuak, L. (2020). Applications of machine learning and artificial intelligence for Covid-19 (SARS-CoV-2) pandemic: A review. *Chaos, Solitons & Fractals*, 110059. | India | Literature Review |
| Chen, J., & See, K. C. (2020). Artificial Intelligence for COVID-19: Rapid Review. *Journal of medical Internet research*, *22*(10), e21476. | Singapore | Rapid Review |
| Agbehadji, I. E., Awuzie, B. O., Ngowi, A. B., & Millham, R. C. (2020). Review of big data analytics, artificial intelligence and nature-inspired computing models towards accurate detection of COVID-19 pandemic cases and contact tracing. *International journal of environmental research and public health*, *17*(15), 5330. | South Africa | Literature Review |
| Shi, F., Wang, J., Shi, J., Wu, Z., Wang, Q., Tang, Z., ... & Shen, D. (2020). Review of artificial intelligence techniques in imaging data acquisition, segmentation and diagnosis for covid-19. *IEEE reviews in biomedical engineering*. | China | Literature Review |

## 3i: Remote Health Services Delivery

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| **Citation** | **Country** | **Review Type** |
| Davalbhakta, S., Advani, S., Kumar, S., Agarwal, V., Bhoyar, S., Fedirko, E., ... & Agarwal, V. (2020). A systematic review of the smartphone applications available for coronavirus disease 2019 (COVID19) and their assessment using the mobile app rating scale (MARS). *medRxiv*. | India | Systematic Review |
| Salehinejad, S., Niakan Kalhori, S. R., Hajesmaeel Gohari, S., Bahaadinbeigy, K., & Fatehi, F. (2020). A review and content analysis of national apps for COVID-19 management using Mobile Application Rating Scale (MARS). *Informatics for Health and Social Care*, 1-14. | Iran  | Literature Review |
| Barnett, P., Goulding, L., Casetta, C., Jordan, H., Rains, L. S., Steare, T., ... & Johnson, S. (2020). Remote working in mental health services: a rapid umbrella review of pre-COVID-19 literature. *medRxiv*. | UK | Scoping Review |
| Holland, A. E., Malaguti, C., Hoffman, M., Lahham, A., Burge, A. T., Dowman, L., ... & Cox, N. S. (2020). Home-based or remote exercise testing in chronic respiratory disease, during the COVID-19 pandemic and beyond: A rapid review. *Chronic respiratory disease*, *17*, 1479973120952418. | Australia | Rapid Review |

## 3j: Telemedicine

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| **Citation** | **Country** | **Review Type** |
| Ajibade, A., Younas, H., Pullan, M., & Harky, A. (2020). Telemedicine in cardiovascular surgery during COVID‐19 pandemic: a systematic review and our experience. *Journal of cardiac surgery*, *35*(10), 2773-2784. | UK | Systematic Review |
| Neubeck, L., Hansen, T., Jaarsma, T., Klompstra, L., & Gallagher, R. (2020). Delivering healthcare remotely to cardiovascular patients during COVID-19: a rapid review of the evidence. *European Journal of Cardiovascular Nursing*, *19*(6), 486-494. | UK | Rapid Review |
| Myers, S. R., Abbadessa, M. K., Gaines, S., Lavelle, J., Ercolani, J., Shotwell, C., ... & Donoghue, A. J. (2020). Repurposing Video Review Infrastructure for Clinical Resuscitation Care in the Age of COVID-19. *Annals of emergency medicine*. | US | Literature Review |
| Achmad, H., Tanumihardja, M., & Ramadhany, Y. F. (2020). Teledentistry as a Solution in Dentistry During Covid-19 Pandemic Period: A Systematic Review. *International Journal of Pharmaceutical Research*, *12*(2). | Indonesia | Systematic Review |
| Maspero, C., Abate, A., Cavagnetto, D., El Morsi, M., Fama, A., & Farronato, M. (2020). Available technologies, applications and benefits of teleorthodontics. A literature review and possible applications during the COVID-19 Pandemic. *Journal of clinical medicine*, *9*(6), 1891. | Italy | Literature Review |
| Elsner, P. (2020). Teledermatology in the times of COVID‐19–a systematic review. *JDDG: Journal der Deutschen Dermatologischen Gesellschaft*, *18*(8), 841-845. | Germany | Systematic Review |
| Hagge, D., Knopf, A., & Hofauer, B. (2020). Telemedicine in the fight against SARS-COV-2-opportunities and possible applications in otorhinolaryngology: Narrative review. *Hno*. | Germany | Narrative Review |
| Murphy, R. P., Dennehy, K. A., Costello, M. M., Murphy, E. P., Judge, C. S., O’Donnell, M. J., & Canavan, M. D. (2020). Virtual geriatric clinics and the COVID-19 catalyst: a rapid review. *Age and ageing*, *49*(6), 907-914. | Ireland | Rapid Review |
| Yang, Y. C., Chou, C. L., & Kao, C. L. (2020). Exercise, nutrition, and medication considerations in the light of the COVID pandemic, with specific focus on geriatric population: A literature review. *Journal of the Chinese Medical Association*, *83*(11), 977-980. | Taiwan | Literature Review |
| Eichberg, D. G., Basil, G. W., Di, L., Shah, A. H., Luther, E. M., Lu, V. M., ... & Ivan, M. E. (2021). Telemedicine in neurosurgery: lessons learned from a systematic review of the literature for the COVID-19 era and beyond. *Neurosurgery*, *88*(1), E1-E12. | US | Systematic Review |
| Gao, Y., Liu, R., Zhou, Q., Wang, X., Huang, L., Shi, Q., ... & Tian, D. (2020). Application of telemedicine during the coronavirus disease epidemics: a rapid review and meta-analysis. *Annals of translational medicine*, *8*(10). | China | Rapid Review |
| Monaghesh, E., & Hajizadeh, A. (2020). The role of telehealth during COVID-19 outbreak: a systematic review based on current evidence. *BMC Public Health*, *20*(1), 1-9. | Iran | Systematic Review |
| Golinelli, D., Boetto, E., Carullo, G., Nuzzolese, A. G., Landini, M. P., & Fantini, M. P. (2020). Adoption of Digital Technologies in Health Care During the COVID-19 Pandemic: Systematic Review of Early Scientific Literature. *Journal of medical Internet research*, *22*(11), e22280. | Italy | Systematic Review |
| Anthony Jnr, B. (2021). Implications of telehealth and digital care solutions during COVID-19 pandemic: a qualitative literature review. *Informatics for Health and Social Care*, *46*(1), 68-83. | Norway | Literature Review |
| Doraiswamy, S., Abraham, A., Mamtani, R., & Cheema, S. (2020). Use of Telehealth During the COVID-19 Pandemic: Scoping Review. *Journal of medical Internet research*, *22*(12), e24087. | Qatar | Scoping Review |
| Sutherland, A. E., Stickland, J., & Wee, B. (2020). Can video consultations replace face-to-face interviews? Palliative medicine and the Covid-19 pandemic: rapid review. *BMJ supportive & palliative care*, *10*(3), 271-275. | UK | Rapid Review |
| Sidhu, M. S., & Georghiou, T. Remote home monitoring (virtual wards) during the COVID-19 pandemic: a systematic. | UK | Systematic Review |
| Andrews, E., Berghofer, K., Long, J., Prescott, A., & Caboral-Stevens, M. (2020). Satisfaction with the use of telehealth during COVID-19: An integrative review. *International journal of nursing studies advances*, *2*, 100008. | US | Integrative Review |
| Kichloo, A., Albosta, M., Dettloff, K., Wani, F., El-Amir, Z., Singh, J., ... & Chugh, S. (2020). Telemedicine, the current COVID-19 pandemic and the future: a narrative review and perspectives moving forward in the USA. *Family medicine and community health*, *8*(3). | US | Narrative Review |
| Lieneck, C., Garvey, J., Collins, C., Graham, D., Loving, C., & Pearson, R. (2020, December). Rapid Telehealth Implementation during the COVID-19 Global Pandemic: A Rapid Review. In *Healthcare* (Vol. 8, No. 4, p. 517). Multidisciplinary Digital Publishing Institute. | US | Rapid Review |
| Grimes, C. L., Balk, E. M., Crisp, C. C., Antosh, D. D., Murphy, M., Halder, G. E., ... & Meriwether, K. V. (2020). A guide for urogynecologic patient care utilizing telemedicine during the COVID-19 pandemic: review of existing evidence. *International urogynecology journal*, *31*(6), 1063-1089. | US | Literature Review |
| Grimes, C. L., Balk, E. M., Dieter, A. A., Singh, R., Wieslander, C. K., Jeppson, P. C., ... & Meriwether, K. V. (2020). Guidance for gynecologists utilizing telemedicine during COVID‐19 pandemic based on expert consensus and rapid literature reviews. *International Journal of Gynecology & Obstetrics*, *150*(3), 288-298. | US | Rapid Review |
| Chaudhry, H., Nadeem, S., & Mundi, R. (2021). How satisfied are patients and surgeons with telemedicine in orthopaedic care during the COVID-19 pandemic? A systematic review and meta-analysis. *Clinical Orthopaedics and Related Research®*, *479*(1), 47-56. | Canada | Systematic Review |
| Karasavvidis, T., Hirschmann, M. T., Kort, N. P., Terzidis, I., & Totlis, T. (2020). Home-based management of knee osteoarthritis during COVID-19 pandemic: literature review and evidence-based recommendations. *Journal of Experimental Orthopaedics*, *7*(1), 1-7. | Greece | Literature Review |
| Murphy, E. P., Fenelon, C., Murphy, R. P., O’Sullivan, M. D., Pomeroy, E., Sheehan, E., & Moore, D. P. (2020). Are virtual fracture clinics during the COVID-19 pandemic a potential alternative for delivering fracture care? A systematic review. *Clinical Orthopaedics and Related Research®*, *478*(11), 2610-2621. | Ireland | Systematic Review |
| Haider, Z., Aweid, B., Subramanian, P., & Iranpour, F. (2020). Telemedicine in orthopaedics and its potential applications during COVID-19 and beyond: A systematic review. *Journal of telemedicine and telecare*, 1357633X20938241. | UK | Systematic Review |
| Michelson, J. D. (2020). CORR Insights®: Are Virtual Fracture Clinics During the COVID-19 Pandemic a Potential Alternative to Delivering Fracture Care? A Systematic Review. *Clinical Orthopaedics and Related Research®*, *478*(11), 2622-2624. | US | Systematic Review |
| Mitchell, S., Maynard, V., Lyons, V., Jones, N., & Gardiner, C. (2020). The role and response of primary healthcare services in the delivery of palliative care in epidemics and pandemics: A rapid review to inform practice and service delivery during the COVID-19 pandemic. *Palliative Medicine*, *34*(9), 1182-1192. | UK | Rapid Review |
| Chherawala, N., & Gill, S. (2020). Up-to-date review of psychotherapy via videoconference: implications and recommendations for the RANZCP Psychotherapy Written Case during the COVID-19 pandemic. *Australasian Psychiatry*, *28*(5), 517-520. | Australia | Literature Review |
| Alves, G. S., Casali, M. E., Veras, A. B., Carrilho, C. G., Bruno Costa, E., Rodrigues, V. M., & Dourado, M. C. N. (2020). A Systematic Review of Home-Setting Psychoeducation Interventions for Behavioral Changes in Dementia: Some Lessons for the COVID-19 Pandemic and Post-Pandemic Assistance. *Frontiers in psychiatry*, *11*, 1028. | Brazil | Systematic Review |
| Poletti, B., Tagini, S., Brugnera, A., Parolin, L., Pievani, L., Ferrucci, R., ... & Silani, V. (2020). Telepsychotherapy: a leaflet for psychotherapists in the age of COVID-19. A review of the evidence. *Counselling Psychology Quarterly*, 1-16. | Italy | Literature Review |
| Lenferink, L. I. M., Meyerbröker, K., & Boelen, P. A. (2020). PTSD treatment in times of COVID-19: A systematic review of the effects of online EMDR. *Psychiatry research*, *293*, 113438. | Netherlands | Systematic Review |
| Simon, P. D. (2020). A quick review of recommendations and evidences on telepsychotherapy and digital psychiatry for researchers and mental health professionals in the time of COVID-19. *International Journal of Social Psychiatry*, 0020764020962537. | Philippines | Literature Review |
| Drissi, N., Ouhbi, S., Marques, G., de la Torre Díez, I., Ghogho, M., & Janati Idrissi, M. A. (2020). A Systematic Literature Review on e-Mental Health Solutions to Assist Health Care Workers During COVID-19. *Telemedicine and e-Health*. | UAE | Systematic Review |
| Marra, D. E., Hamlet, K. M., Bauer, R. M., & Bowers, D. (2020). Validity of teleneuropsychology for older adults in response to COVID-19: A systematic and critical review. *The Clinical Neuropsychologist*, *34*(7-8), 1411-1452. | US | Critical Review |
| Weinberg, H. (2020). Online group psychotherapy: Challenges and possibilities during COVID-19—A practice review. *Group Dynamics: Theory, Research, and Practice*, *24*(3), 201. | US | Literature Review |
| Singh, H. J. L., Couch, D., & Yap, K. (2020). Mobile health apps that help with COVID-19 management: scoping review. *Jmir Nursing*, *3*(1), e20596. | Australia | Scoping Review |
| Holland, A. E., Malaguti, C., Hoffman, M., Lahham, A., Burge, A. T., Dowman, L., ... & Cox, N. S. (2020). Home-based or remote exercise testing in chronic respiratory disease, during the COVID-19 pandemic and beyond: A rapid review. *Chronic respiratory disease*, *17*, 1479973120952418. | Australia | Rapid Review |
| Patel, D. J., & 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). | Canada | Literature Review |
| Dijkstra, H. P., Ergen, E., Holtzhausen, L., Beasley, I., Alonso, J. M., Geertsema, L., ... & Andersen, T. E. (2020). Remote assessment in sport and exercise medicine (SEM): a narrative review and teleSEM solutions for and beyond the COVID-19 pandemic. *British Journal of Sports Medicine*, *54*(19), 1162-1167. | Qatar | Narrative Review |
| Novara, G., Checcucci, E., Crestani, A., Abrate, A., Esperto, F., Pavan, N., ... & Ficarra, V. (2020). Telehealth in urology: a systematic review of the literature. How much can telemedicine be useful during and after the COVID-19 pandemic?. *European urology*. | Italy | Systematic Review |
| Wignall, D., Lee, L., & Gkentzis, A. (2020). A Review of Telephone Urological Follow-Up in a District General Hospital During the COVID-19 Pandemic. *SN comprehensive clinical medicine*, 1-7. | UK | Literature Review |

# 4. Economy

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| **Citation** | **Country** | **Review Type** |
| Béné, C. (2020). Resilience of local food systems and links to food security–A review of some important concepts in the context of COVID-19 and other shocks. Food Security, 1-18. | Colombia | Literature review |
| Ibn-Mohammed, T., Mustapha, K. B., Godsell, J. M., Adamu, Z., Babatunde, K. A., Akintade, D. D., ... & Koh, S. C. L. (2020). A critical review of the impacts of COVID-19 on the global economy and ecosystems and opportunities for circular economy strategies. Resources, Conservation and Recycling, 105169. | United Kingdom | Critical review |
| Budhrani, A.B. (2020). A review: Coronavirus, its types, and impact of covid-19 on global wealth. International Journal of Research in Pharmaceutical Sciences.  | United Kingdom | Literature review |
| Maria, N., Zaid, A., Catrin, S., Ahmed, K., Ahmed, A. J., Christos, I., ... & Riaz, A. (2020). The socio-economic implications of the coronavirus pandemic (COVID-19): A review. International Journal of Surgery, 78, 185-193. | United Kingdom | Literature review |
| Coombs, C. (2020). Will COVID-19 be the tipping point for the intelligent automation of work? A review of the debate and implications for research. International journal of information management, 55, 102182. | United Kingdom | Literature review |
| Queiroz, M. M., Ivanov, D., Dolgui, A., & Wamba, S. F. (2020). Impacts of epidemic outbreaks on supply chains: mapping a research agenda amid the COVID-19 pandemic through a structured literature review. Annals of operations research, 1-38. | Brazil | Literature review |
| Bashir, M. F., Benjiang, M. A., & Shahzad, L. (2020). A brief review of socio-economic and environmental impact of Covid-19. Air Quality, Atmosphere & Health, 13(12), 1403-1409. | China | Literature review |
| Varade, H., & Makhija, S. (2020). Impact of COVID-19 pandemic situation on consumer buying behaviour in Indian market-a review. International Journal for Research in Applied Science and Engineering Technology, 8(5), 2584-2589. | India | Literature review |
| Tanvi, G., & Yash, N. (2020). Using data analytics to determine the disruptions in supply chain due to the COVID-19 pandemic: a literature review. International Journal for Research in Applied Science and Engineering Technology, 1199-1209. | NR | Literature review |
| Golan, M. S., Jernegan, L. H., & Linkov, I. (2020). Trends and applications of resilience analytics in supply chain modeling: systematic literature review in the context of the COVID-19 pandemic. Environment Systems and Decisions, 40, 222-243. | United States | Systematic review |
| Rafiq, D., Batool, A., & Bazaz, M. A. (2020). Three months of COVID‐19: A systematic review and meta‐analysis. Reviews in Medical Virology, 30(4), e2113. | India | Systematic review |
| Gentilini, U., Almenfi, M., Orton, I., & Dale, P. (2020). Social protection and jobs responses to COVID-19. | United States | Literature review |
| Payne, J. L., & Hanley, N. (2020). COVID-19 and corrections in Australia: A summary review of the available data and literature. Victims & Offenders, 1-18. | Australia | Literature review |
| Tokazhanov, G., Tleuken, A., Guney, M., Turkyilmaz, A., & Karaca, F. (2020). How is COVID-19 experience transforming sustainability requirements of residential buildings? A review. Sustainability, 12(20), 8732. | Kazakhstan | Literature review |
| Gursoy, D., & Chi, C. G. (2020). Effects of COVID-19 pandemic on hospitality industry: review of the current situations and a research agenda. | United States | Literature review |
| Mastropietro, P., Rodilla, P., & Batlle, C. (2020). Emergency measures to protect energy consumers during the Covid-19 pandemic: A global review and critical analysis. Energy Research & Social Science, 68, 101678. | Spain | Scoping review |
| Akrofi, M. M., & Antwi, S. H. (2020). COVID-19 energy sector responses in Africa: a review of preliminary government interventions. Energy Research & Social Science, 68, 101681. | Algeria | Literature review |
| Carrillo, C., & Flores, M. A. (2020). COVID-19 and teacher education: a literature review of online teaching and learning practices. European Journal of Teacher Education, 43(4), 466-487. | Spain | Literature review |
| Roper, S., & Turner, J. (2020). R&D and innovation after COVID-19: What can we expect? A review of prior research and data trends after the great financial crisis. International Small Business Journal, 38(6), 504-514. | United Kingdom | Literature review |
| Turanjanin, V., & RADULOVIĆ, D. (2020). Coronavirus (COVID-19) and possibilities for criminal law reaction in Europe: a review. Iranian Journal of Public Health, 49, 4-11. | Serbia | Literature review |
| Amanuel Yigezu, Mezgebu Yitayal, Alemnesh Mirkuzie et al. An economic evaluation of Influenza and COVID -19 pandemic prevention and control interventions: a systematic review, 04 December 2020, PREPRINT (Version 1) available at Research Square [https://doi.org/10.21203/rs.3.rs-121849/v1] | Ethiopia | Systematic review |
| Henry Asante Antwi. Beyond COVID-19 Pandemic: A Systematic Review of the Role of Global Health in the Evolution and Practice of Corporate Social Responsibility, 09 July 2020, PREPRINT (Version 1) available at Research Square [https://doi.org/10.21203/rs.3.rs-40212/v1] | China | Systematic review |

# 5. Environment

## 5a: Clinical Settings

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| **Citation** | **Country** | **Review Type** |
| Majumder, A., Gupta, A. K., Ghosal, P. S., & Varma, M. (2020). A review on hospital wastewater treatment: A special emphasis on occurrence and removal of pharmaceutically active compounds, resistant microorganisms, and SARS-CoV-2. Journal of environmental chemical engineering, 104812. | India | Literature review |
| Félix-Arellano, E. E., Schilmann, A., Hurtado-Díaz, M., Texcalac-Sangrador, J. L., & Riojas-Rodríguez, H. (2020). Quick review: air pollution and morbi-mortality by Covid-19. Salud publica de Mexico. | Mexico | Literature review |
| Achak, M., Alaoui, S. B., Chhiti, Y., Alaoui, F. E. M. H., Barka, N., & Boumya, W. (2020). SARS-CoV-2 in hospital wastewater during outbreak of COVID-19: A review on detection, survival and disinfection technologies. Science of The Total Environment, 143192. | Morroco | Literature review |
| Mousavi, E. S., Kananizadeh, N., Martinello, R. A., & Sherman, J. D. (2020). COVID-19 Outbreak and hospital air quality: A systematic review of evidence on air filtration and recirculation. Environmental Science & Technology. | United States | Systematic review |
| Copat, C., Cristaldi, A., Fiore, M., Grasso, A., Zuccarello, P., Santo Signorelli, S., ... & Ferrante, M. (2020). The role of air pollution (PM and NO2) in COVID-19 spread and lethality: a systematic review. Environmental research, 110129. | Italy | Systematic review |

## 5b: Non-Clinical Settings

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Shakil, M. H., Munim, Z. H., Tasnia, M., & Sarowar, S. (2020). COVID-19 and the environment: A critical review and research agenda. Science of the Total Environment, 141022. | Malaysia | Critical review |
| Tran, H. N., Le, G. T., Nguyen, D. T., Juang, R. S., Rinklebe, J., Bhatnagar, A., ... & Chao, H. P. (2020). SARS-CoV-2 coronavirus in water and wastewater: A critical review about presence and concern. Environmental Research, 110265. | Vietnam | Critical review |
| Lahrich, S., Laghrib, F., Farahi, A., Bakasse, M., Saqrane, S., & El Mhammedi, M. A. (2021). Review on the contamination of wastewater by COVID-19 virus: Impact and treatment. Science of the Total Environment, 751, 142325. | Morocco | Literature review |
| Akrofi, M. M., & Antwi, S. H. (2020). COVID-19 energy sector responses in Africa: a review of preliminary government interventions. Energy Research & Social Science, 68, 101681. | Algeria | Literature review |
| Mastropietro, P., Rodilla, P., & Batlle, C. (2020). Emergency measures to protect energy consumers during the Covid-19 pandemic: A global review and critical analysis. Energy Research & Social Science, 68, 101678. | Spain | Literature review |
| Qarnain, S. S., Muthuvel, S., & Bathrinath, S. (2020). Review on government action plans to reduce energy consumption in buildings amid COVID-19 pandemic outbreak. Materials Today: Proceedings. | India | Literature review |
| Poursadeqiyan, M., Bazrafshan, E., & Arefi, M. F. (2020). Review of environmental challenges and pandemic crisis of Covid-19. Journal of education and health promotion, 9. | Iran | Literature review |
| Khan, I., Shah, D., & Shah, S. S. (2020). COVID-19 pandemic and its positive impacts on environment: an updated review. International Journal of Environmental Science and Technology, 1-10. | China | Literature review |
| Bhatt, A., Arora, P., & Prajapati, S. K. (2020). Occurrence, fates and potential treatment approaches for removal of viruses from wastewater: A review with emphasis on SARS-CoV-2. Journal of environmental chemical engineering, 104429. | India | Literature review |
| Srivastava, A. (2020). COVID-19 and air pollution and meteorology-an intricate relationship: A review. Chemosphere, 128297. | India  | Literature review |
| Gutiérrez-Hernández, O., & García, L. V. (2020). ¿ Influyen tiempo y clima en la distribución del nuevo coronavirus (SARS CoV-2)? [Do weather and climate influence the distribution of the novel coronavirus (SARS CoV-2)? A review from a biogeographical perspective.] Una revisión desde una perspectiva biogeográfica. | Spain | Literature review |
| Shimabukuro, P. M. S., Duarte, M. L., Imoto, A. M., Atallah, Á. N., Franco, E. S. B., Peccin, M. S., & Taminato, M. (2020). Environmental cleaning to prevent COVID-19 infection. A rapid systematic review. Sao Paulo Medical Journal, (AHEAD). | Brazil | Rapid review |
| Antwi, S. H., Getty, D., Linnane, S., & Rolston, A. (2020). COVID-19 water sector responses in Europe: A scoping review of preliminary governmental interventions. Science of The Total Environment, 143068. | Ireland | Scoping review |
| Vaka, M., Walvekar, R., Rasheed, A. K., & Khalid, M. (2020). A review on Malaysia’s solar energy pathway towards carbon-neutral Malaysia beyond Covid’19 pandemic. Journal of cleaner production, 122834. | Malaysia | Literature review |

# 6. Social Epidemiology

## 6a: Ethnicity

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| **Citation** | **Country** | **Review Type** |
| Santos, H. L. P. C. D., Maciel, F. B. M., Santos, K. R., Conceição, C. D. V. S. D., Oliveira, R. S. D., Silva, N. R. F. D., & Prado, N. M. D. B. L. (2020). Necropolitics and the impact of COVID-19 on the Black community in Brazil: a literature review and a document analysis. Ciência & Saúde Coletiva, 25, 4211-4224. | Brazil | Literature Review |
| de León-Martínez, L. D., Palacios-Ramírez, A., Rodriguez-Aguilar, M., & Flores-Ramírez, R. (2020). Critical review of social, environmental and health risk factors in the Mexican indigenous population and their capacity to respond to the COVID-19. Science of The Total Environment, 733, 139357. | Brazil | Literature Review |
| Iacobucci, G. (2020). Covid-19: Review of ethnic disparities is labelled “whitewash” for lack of recommendations. BMJ, 369. | United Kingdom | Literature Review |
| Raharja, A., Tamara, A., & Kok, L. T. (2020). Association Between Ethnicity and Severe COVID-19 Disease: a Systematic Review and Meta-analysis. Journal of racial and ethnic health disparities, 1-10. | United Kingdom | Systematic Review |
| Pan, D., Sze, S., Minhas, J. S., Bangash, M. N., Pareek, N., Divall, P., ... & Pareek, M. (2020). The impact of ethnicity on clinical outcomes in COVID-19: a systematic review. EClinicalMedicine, 23, 100404. | United Kingdom | Systematic Review |
| Sze, S., Pan, D., Nevill, C. R., Gray, L. J., Martin, C. A., Nazareth, J., ... & Pareek, M. (2020). Ethnicity and clinical outcomes in COVID-19: a systematic Review and Meta-analysis. EClinicalMedicine, 100630. | United Kingdom | Systematic Review |
| Mackey, K., Ayers, C. K., Kondo, K. K., Saha, S., Advani, S. M., Young, S., ... & Kansagara, D. (2020). Racial and Ethnic Disparities in COVID-19–Related Infections, Hospitalizations, and Deaths: A Systematic Review. Annals of internal medicine. | United States | Systematic Review |
| Manchanda, E. C. C., Sanky, C., & Appel, J. M. (2020). Crisis standards of care in the USA: a systematic review and implications for equity amidst COVID-19. Journal of racial and ethnic health disparities, 1-13. | United States | Systematic Review |

## 6b: Gender and biological sex

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| **Citation** | **Country** | **Review Type** |
| Lakbar, I., Luque-Paz, D., Mege, J. L., Einav, S., & Leone, M. (2020). COVID-19 gender susceptibility and outcomes: A systematic review. PloS one, 15(11), e0241827. | France | Systematic Review |
| Ambrosino, I., Barbagelata, E., Ortona, E., Ruggieri, A., Massiah, G., Giannico, O. V., ... & Moretti, A. M. (2020). Gender differences in patients with COVID-19: a narrative review. Monaldi Archives for Chest Disease, 90(2). | Italy | Narrative Review |
| Ortolan, A., Lorenzin, M., Felicetti, M., Doria, A., & Ramonda, R. (2020). Does gender influence clinical expression and disease outcomes in COVID-19? A systematic review and meta-analysis. International Journal of Infectious Diseases, 99, 496-504. | Italy | Systematic Review |
| Chang, W. H. (2020). A review of vaccine effects on women in light of the COVID-19 pandemic. Taiwanese Journal of Obstetrics and Gynecology. | Taiwan | Literature Review |
| Kelada, M., Anto, A., Dave, K., & Saleh, S. N. (2020). The role of sex in the risk of mortality from COVID-19 amongst adult patients: a systematic review. Cureus, 12(8). | United Kingdom | Systematic Review |
| Connor, J., Madhavan, S., Mokashi, M., Amanuel, H., Johnson, N. R., Pace, L. E., & Bartz, D. (2020). Health risks and outcomes that disproportionately affect women during the Covid-19 pandemic: A review. Social Science & Medicine, 113364. | United States | Literature Review |

## 6c: Age

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| **Citation** | **Country** | **Review Type** |
| Aigba, S. R., Paul, O., Lamarque, M., & Sall, B. (2020). African Children Vulnerabilities in COVID-19 Era: A Review. African Journal of Reproductive Health, 24(2), 154-171. | France | Literature Review |
| Shumba, C., Maina, R., Mbuthia, G., Kimani, R., Mbugua, S., Shah, S., ... & Ndirangu, E. (2020). Reorienting Nurturing Care for Early Childhood Development during the COVID-19 Pandemic in Kenya: A Review. International Journal of Environmental Research and Public Health, 17(19), 7028. | Kenya | Literature Review |
| Tarazona-Santabalbina, F. J., Vidán, M. T., & JA, G. N. (2020). Coronavirus disease 2019 (COVID-19) and ageism: a narrative review of the literature. Revista Espanola de Geriatria y Gerontologia. | Spain | Narrative Review |
| Lekamwasam, R., & Lekamwasam, S. (2020). Effects of COVID-19 Pandemic on Health and Wellbeing of Older People: A Comprehensive Review. Annals of Geriatric Medicine and Research, 24(3), 166. | Sri Lanka | Literature Review |

## 6d: Healthcare workers

|  |  |  |
| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Hossain, M. J. (2020). Impact of COVID-19 pandemic among health care providers in Bangladesh: A systematic review. Bangladesh Journal of Infectious Diseases, S8-S15. | Bangladesh | Systematic review |
| Pereko, K. K., Ameyaw, E. K., Bukari, S., Acquaye, V., & Dai-Kosi, A. D. (2020). COVID-19 and frontline health workers in West Africa: a scoping review. medRxiv. | Ghana | Scoping review |
| Mhango, M., Dzobo, M., Chitungo, I., & Dzinamarira, T. (2020). COVID-19 risk factors among health workers: a rapid review. Safety and health at work. | South Africa | Rapid review |
| Cook, T. M. (2020). Risk to health from COVID‐19 for anaesthetists and intensivists–a narrative review. Anaesthesia, 75(11), 1494-1508. | United Kingdom | Narrative review |

## 6e: Migrants

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| **Citation** | **Country** | **Review Type** |
| Wernly, B., Wernly, S., Magnano, A., & Paul, E. (2020). Cardiovascular health care and health literacy among immigrants in Europe: a review of challenges and opportunities during the COVID-19 pandemic. Journal of Public Health, 1-7. | Austria | Literature review |
| Hintermeier, M., Gencer, H., Kajikhina, K., Rohleder, S., Santos-Hoevener, C., Tallarek, M., ... & Bozorgmehr, K. (2020). SARS-CoV-2 among migrants and forcibly displaced populations: a rapid systematic review. medRxiv. | Germany | Rapid review |

## 6f: Comparisons between regions or countries

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Kaba, A. J., & Kaba, A. N. (2020). COVID-19 in African Countries versus other World Regions: A Review. African Journal of Reproductive Health, 24(2), 125-141. | United States | Literature review |
| Lakhani, H. V., Pillai, S. S., Zehra, M., Sharma, I., & Sodhi, K. (2020). Systematic review of clinical insights into novel coronavirus (CoVID-19) pandemic: Persisting challenges in US rural population. International journal of environmental research and public health, 17(12), 4279. | United States | Systematic review |

## 6g: Other populations

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| --- | --- | --- |
| **Citation** | **Country** | **Review Type** |
| Volunteers:Mao, G., Fernandes-Jesus, M., Ntontis, E., & Drury, J. (2020). What have we learned so far about COVID-19 volunteering in the UK? A rapid review of the literature. medRxiv. | United Kingdom | Rapid review |
| Minorities not specified: Siff, E. J., Aghagoli, G., Marin, B. G., Tobin-Tyler, E., & Poitevien, P. (2020). SARS-CoV-2 transmission: a sociological review. Epidemiology & Infection, 148. | United States | Literature review |
| People with physical disabilities:Lebrasseur, A., Fortin-Bédard, N., Lettre, J., Bussières, E. L., Best, K., Boucher, N., ... & Routhier, F. (2020). Impact of COVID-19 on people with physical disabilities: A rapid review. Disability and health journal, 101014. | Canada | Rapid review |
| COVID patients:Souza, C. D. F. D., Santos, A. G. G. D., Cunha, E. J. O. D., Oliveira, T. F. D., Aquino, S. H. S. D., Mesquita, R. D. R., ... & Silva Filho, E. R. D. (2020). Information on occupation of patients with Covid-19: Literature review. Revista da Associação Médica Brasileira, 66(7), 866-870. | Brazil | Literature review |
| Cancer survivors:Jammu, A. S., Chasen, M. R., Lofters, A. K., & Bhargava, R. (2020). Systematic rapid living review of the impact of the COVID-19 pandemic on cancer survivors: update to August 27, 2020. Supportive Care in Cancer, 1-10. | Canada | Rapid review |