

From your health sciences library – A recommended reading list: COVID-19: the evidence

In the news

The RECOVERY Trial

Statement from the Chief Investigators

[link](#)

Also in the news

Medicine and medical science: Black lives must matter more

From The Lancet

[link](#)



COVID-19 pathology and symptoms

1. Dockery DM, Rowe SG, Murphy MA, Krzystolik Mg. **The ocular manifestations and transmission of COVID-19: recommendations for prevention.** J Emerg Med 2020; epub ahead of print [abstract](#)
2. Gangneux JP, Bougnoux ME, Dannaoui E, Cornet M, Zahar JR. **Invasive fungal diseases during COVID-19: we should be prepared.** J Mycol Med June 2020; epub ahead of print [link](#)
3. Gattinoni L, Chiumello D, Caironi P, Romitti F, Brazzi L, Camporota L. **COVID-19 pneumonia: different respiratory treatments for different phenotypes?** Intensive Care Med 2020;46(6):1099-1102 [link](#)
4. Li YC, Bai WZ, Hashikawa T. **The neuroinvasive potential of SARS-CoV2 may play a role in the respiratory failure of COVID-19 patients.** J Med Virol June 2020;92(6):552-555 [abstract](#)
5. Mawhinney JA, Wilcock C, Haboubi H, Roshanzamir S. **Neurotropism of SARS-CoV-2: COVID-19 presenting with an acute manic episode.** BMJ Case Reports June 2020;13(6): epub ahead of print [abstract](#)
6. Parasa S, Desai M, Chandrasekar VT, et al. **Prevalence of gastrointestinal symptoms and fecal viral shedding in patients with coronavirus disease 2019: A systematic review and meta-analysis.** JAMA Network Open 2020;3(6): epub ahead of print [link](#)

7. Rubin GD, Ryerson CJ, Haramati LB, Sverzellati N, Kanne JP, Rao S, et al. **The role of chest imaging in patient management during the COVID-19 pandemic: a multinational consensus statement from the Fleischner Society.** Chest 2020; epub ahead of print [link](#)
8. Sachdeva M, Gianotti R, Shah M, Bradamini L, Tosi D, Veraldi S, et al. **Cutaneous manifestations of COVID-19: report of three cases and a review of literature.** J Dermatol Sci May 2020;98(2):75-81 [abstract](#)
9. Troyer EA, Kohn JN, Hong S. **Are we facing a crashing wave of neuropsychiatric sequelae of COVID-19? Neuropsychiatric symptoms and potential immunologic mechanisms.** Brain Behav Immun 2020; epub ahead of print [abstract](#)
10. Xu Z, Shi L, Wang Y, Zhang J, Huang L, Zhang C, et al. **Pathological findings of COVID-19 associated with acute respiratory distress syndrome.** Lancet Respir Med 2020;8(4):420-422 [abstract](#)
11. Zimmerman P, Curtis N. **Coronavirus infections in children including COVID-19: an overview of the epidemiology, clinical features, diagnosis, treatment and prevention options in children.** Pediatr Infect Dis J May 2020;39(5):355-368 [abstract](#)

Transmission

12. He X, Lau EHY, Wu P, Deng X, Wang J, Hao X, Leung GM et al. **Temporal dynamics in viral shedding and transmissibility of COVID-19.** Nat Med 2020;26:672-675 [link](#)
13. Wu P, Tsang TK, Wong TK, Ng TWY, Ho F, Gao H, Leung GM et al. **Suppressing COVID-19 transmission in Hong Kong: an observational study of the first four months.** Eur PMC 2020; epub ahead of print [abstract](#)

Prevention

14. Cavanaugh G, Wambier CG. **Rational hand hygiene during the coronavirus 2019 (COVID-19) pandemic.** J Am Acad Dermatol June 2020;82(6): epub ahead of print [abstract](#)
15. CDC Editors. **Using Personal Protective Equipment (PPE).** Updated June 9, 2020: CDC [abstract](#)
16. Cheng VCC, Wong SC, Chuang VWM, So SYC, Chen JHK, Sridhar S, et al. **The role of community-wide wearing of face mask for control of coronavirus disease 2019 (COVID-19) epidemic due to SARS-CoV-2.** J Infect July 2020;81(1):107-114 [link](#)
17. Fuller DH, Berglund P. **Amplifying RNA vaccine development.** New Eng J Med June 18, 2020. Epub ahead of print [link](#)
18. Gandhi M, Havlir D. **The time for universal masking of the public for coronavirus disease 2019 is now.** Open Forum Infect Dis 2020; epub ahead of print [link](#)

19. Legido-Quigley H, Asgari N, Teo YY, Leung GM, Oshitani H, Fukuda K, et al. **Are high-performing health systems resilient against the COVID-19 epidemic?** Lancet 2020;395(10227):848-850 [link](#)

The second wave

20. Bolton J, Paganini M, Nava CR, De Vita N, Vaschetto R, Ragazzoni L, Della Corte F, Barone-Adesi F. **Predicted effects of stopping COVID-19 lockdown on Italian hospital demand.** Disaster Med Public Health Prep 2020; epub ahead of print [link](#)
21. Girona T. **Confinement time required to avoid a quick rebound of COVID-19: predictions from a Monte Carlo stochastic model.** Front Phys 2020; epub ahead of print [link](#)
22. Kucharski AJ, Klepac P, Conlan AJK, Kissler SM, Tang ML, Fry H, Gog JR, Edmunds WJ, on behalf of the CMMID COVID-19 working group. **Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study.** Lancet Infect Dis June 2020; epub ahead of print [abstract](#)
23. Nussbaumer-Streit B, Mayr V, Dobrescu AI, Chapman A, Persad E, Klerings I, et al. **Quarantine alone or in combination with other public health measures to control COVID-19: a rapid review.** Cochrane Datab Syst Rev 2020; epub ahead of print [abstract](#)
24. Vespignana A, Tian H, Dye C, Lloyd-Smith JO, Eggo RM, Shrestha M, Leung GM et al. **Modelling COVID-19.** Nat Rev Phys May 2020; epub ahead of print [link](#)
25. Wilder-Smith A, Bar-Yam Y, Fisher D. **Lockdown to contain COVID-19 is a window of opportunity to prevent the second wave.** J Travel Med 2020; preprint [link](#)

COVID-19 treatment

26. Bein B, Bachmann, Huggett S, Wegermann. **SARS-CoV-2/COVID-19: evidence-based recommendations on diagnosis and therapy.** Geburtshilfe Frauenheilkd 2020;80(5):491-498 [abstract](#)
27. Brouqui P, Giraud-Gatineau A, Raoult D. **Remdesivir investigational trials in COVID-19: a critical reappraisal.** New Microbes New Infect June 2020; epub ahead of print [link](#)
28. Cho HJ, Heinsar S, Jeong IS, Shekar K, Bassi GL, Jung S, et al. **ECMO use in COVID-19: lessons from past respiratory virus outbreaks-a narrative review.** Crit Care 2020;24(1): epub ahead of print [abstract](#)
29. Chowdhury S, Rathod J, Gernsheimer J. **A rapid systematic review of clinical trials utilizing chloroquine and hydroxychloroquine as a treatment for COVID-19.** Acad Emerg Med 2020; epub ahead of print [link](#)
30. Geleris J, Sun Y, Platt J, Zucker J, Baldwin M, Hripcsak G, et al. **Observational study of hydroxychloroquine in hospitalized patients with Covid-19.** New Eng J Med June 18, 2020. [link](#)

31. Genito CJ, Stiepel RT, Batty CJ, Bachelder EM, Ainslie KM. **Combining tolerogenic agents with dexamethasone synergistically inhibits innate inflammatory responses.** J Immunol May 2020;204(Supp 1):238.18 [abstract](#)
32. Grein J, Ohmagari , D. Shin, G. Diaz, E. Asperges, A. Castagna et al. **Compassionate use of remdesivir for patients with severe COVID-19.** New Eng J Med June 11, 2020; epub ahead of print [link](#)
33. Horby P, Landray M. **Low-cost dexamethasone reduces death by up to one third in hospitalised patients with severe respiratory complications of COVID-19.** Statement from the Chief Investigators of the Randomised Evaluation of COvId-19 thERapY (RECOVERY) Trial on dexamethasone, 16 June 2020 [link](#)
34. Kowalewski M, Fina D, Slomka A, Raffa GM, Martucci G, La Coco V, et al. **COVID-19 and ECMO: the interplay between coagulation and inflammation-a narrative review.** Crit Care 2020;8(24): epub ahead of print [abstract](#)
35. Ramanathan K, Antognini D, Combes A, Paden M, Zakhary B, Ogino M, et al. **Planning and provision of ECMO services for severe ARDS during the COVID-19 pandemic and other outbreaks of emerging infectious diseases.** Lancet Respir Med 2020;8(%):518-526 [abstract](#)
36. Rubin EJ, Harrington DP, Hogan JW, Gatsonis C, Baden LR, Hamel MB. **The urgency of care during the Covid-19 Pandemic — learning as we go.** New Eng J Med June 18, 2020; epub ahead of print [link](#)
37. US Food and Drug Administration. **Coronavirus Treatment Acceleration Program (CTAP):2020** [link](#)

ICU or not?

38. Azoulay E, Beloucif S, Guidet B, Pateron D, Vivien B, Le Dorze M. **Admission decisions to intensive care units in the context of the major COVID-19 outbreak: local guidance from the COVID-19 Paris-region area.** Crit Care June 2020;5(24): epub ahead of print [abstract](#)
39. Joebges S, Biller-Andorno N. **Ethics guidelines on COVID-19 triage-an emerging international consensus.** Crit Care 2020;24(1): epub ahead of print [abstract](#)
40. Swiss Society of Intensive Care Medicine. **Recommendations for the admission of patients with COVID-19 to intensive care and intermediate care units (ICUs and IMCUs).** Swiss Med Wkly 2020; epub ahead of print [abstract](#)

Who is at risk for COVID-19?

41. Mitchell F. **Vitamin D and COVID-19: do deficient risk a poorer outcome.** Lancet Diab Endocrin July 2020;8(7):570 [abstract](#)
42. Rubin EJ, Baden LR, Morrissey S. **Audio interview: a look at SARS-CoV-2 transmission.** New Eng J Med June 18 2020. [link](#)

43. The Severe Covid-19 GWAS Group. **Genomewide association study of severe Covid-19 with respiratory failure.** New Eng J Med June 17, 2020; epub ahead of print [link](#)

Domestic violence during COVID-19

44. WHO. **Addressing violence against children, women and older people during the COVID-19 pandemic: key actions.** June 18, 2020 [link](#)

Healthcare systems

45. CDC Editors. **Healthcare facilities: managing operations during the COVID-19 pandemic.** Updated Jun9, 2020. [abstract](#)
46. WHO. **Supporting private sector engagement during COVID-19: the WHO'S approach.** June 18, 2020 [link](#)
47. WHO. **Emergency Global Supply Chain System (COVID-19): essential resource planning .** June 18, 2020; catalogue [link](#)

Long term care

48. American Geriatrics Society. **American Geriatrics Society Policy Brief: COVID-19 and Nursing Homes.** J Am Geriatr Soc 2020;68(5):908-911 [abstract](#)
49. American Geriatrics Society. **American Geriatrics Society (AGS) Policy Brief: COVID-19 and Assisted Living Facilities.** J Am Geriatr Soc 2020;68(5):1131-1135 [abstract](#)
50. Arons MM, Hatfield KM, Reddy SC, Kimball A, James A, Jacobs JR, et al. **Presymptomatic SARS-CoV-2 infections and transmission in a skilled nursing facility.** New Eng J Med 2020;382(22):2081-2090 [link](#)
51. Curtis K, Brooks S. **Digital health technology: factors affecting implementation in nursing homes.** Nurs Older People 2020; epub ahead of print [abstract](#)
52. D'Adamo H, Yoshikawa T, Ouslander JG. **Coronavirus disease 2019 in geriatrics and long-term care: the ABCDs of COVID -19.** J Am Geriatr Soc 2020;68(5):912-917 [abstract](#)
53. Hsu A, Lane N. **Impact of COVID-19 on residents of Canada's long-term care homes – ongoing challenges and policy response.** Int Long Term Care Pol Netw 2020; Report [link](#)
54. Kim G, Wang M, Pan H, Davidson GH, Roxby AC, Neukirch J. **A health system response to COVID-19 in long-term care and post-acute care: a three-phase approach.** J Am Geriatr Soc 2020; epub ahead of print [link](#)
55. Kimball A, Hatfield KM, Arons M, James A, Taylor J, Spicer K, et al. **Asymptomatic and presymptomatic SARS-CoV-2 infections in residents of a long-term care skilled nursing facility - King County, Washington, March 2020.** MMWR Morb Mortal Wkly Rep 2020;69(13):377-381 [abstract](#)

56. Mills JP, Kaye S, Mody L. **COVID-19 in older adults: clinical, psychosocial, and public health considerations.** JCI Insight 2020; epub ahead of print [abstract](#)

Recovery and rehabilitation

57. Andrenelli E, Negrini F, De Sire A, Arienti C, Patrini M, Negrini S, et al. **Systematic rapid living review on rehabilitation needs due to Covid-19: update to May 31st 2020.** Eur J Phys Rehabil Med June 2020; epub ahead of print [abstract](#)
58. Falvey JR, Ferrante LE. **Flattening the disability curve: Rehabilitation and recovery after COVID-19 infection.** Heart Lung 2020; epub ahead of print [link](#)
59. Kemp H, Comer E, Colvin LA. **Chronic pain after COVID-19: implications for rehabilitation.** Br J Anaesth 2020; epub ahead of print [link](#)
60. Simpson R, Robinson L. **Rehabilitation after critical illness in people with COVID-19 infection.** Am J Phys Med Rehabil June 2020; 99(6):470-474 [link](#)
61. Wade D. **Rehabilitation after COVID-19: an evidence-based approach.** Clin Med July 2020; epub ahead of print [link](#)

Palliative care

62. Chidiac C, Feuer D, Naismith J, Flatley M, Preston N. **Emergency palliative care planning and support in a COVID-19 pandemic.** J Pall Med 2020; 23(6):752-753 [abstract](#)
63. Chowdhry SM. **Trying to do it all: being a physician-mother during the COVID-19 pandemic.** J Pall Med 2020; 23(5):731-732 [abstract](#)
64. Gibbon LM, GrayBuck KE, Mehta A, Perry E, Peterson S, Schreiber KM, Merel SE. **Equitable care for critically ill patients from culturally diverse communities in the COVID-19 pandemic.** J Pall Med June 2020; epub ahead of print [link](#)
65. Khatri P, Seetharaman S, Phang CMJ, Lee BXA. **Home hospice services during COVID-19: ensuring comfort in unsettling times in Singapore.** J Pall Med 2020; 23(5):605-606 [abstract](#)
66. Kunz R, Minder M. **COVID-19 pandemic: palliative care for elderly and frail patients at home and in residential and nursing homes.** Swiss Med Wkly 2020; epub ahead of print [abstract](#)
67. Relias recording and slide deck of June 16, 2020 webinar **Advance Care Planning: increasing importance in response to COVID-19** [link](#)
68. Wang SSY, Teo WZY, Yee CW, Chai WY. **Pursuing a good death in the time of COVID-19.** J Pall Med 2020; 23(6):754-755 [abstract](#)

Technology

69. CDC Editors. **Personal Protective Equipment (PPE) Burn Rate Calculator.** CDC April 2020; source: [National Center for Immunization and Respiratory Diseases \(NCIRD\)](#), [Division of Viral Diseases](#) with video and spreadsheet.

- 70.Editors. **Technology and COVID-19: pushing the boundaries.** Lancet Diab Endo July 2020; epub ahead of print [abstract](#)

Virtual care

- 71.Arneson SL, Tucker SJ, Mercier M, Singh J. **Answering the call: impact of tele-ICU nurses during the COVID-19 pandemic.** Crit Care Nurs 2020;epub ahead of print [abstract](#)
- 72.Chua IS, Jackson V, Kamdar M. **Webside manner during the COVID-19 pandemic: maintaining human connection during virtual visits.** J Pall Med 2020;epub ahead of print [abstract](#)
- 73.CDC Editors. **Using telehealth to expand access to essential health services during the COVID-19 pandemic.** CDC June 2020;source: : [National Center for Immunization and Respiratory Diseases \(NCIRD\)](#), [Division of Viral Diseases](#)
- 74.Leite H, Hodgkinson IR, Gruber T. **New development: 'Healing at a distance'—telemedicine and COVID-19.** Publi Mon Manage 2020;epub ahead of print [link](#)
- 75.Torous J, Myrick KJ, Rauseo-Recupero N, Firth J. **Digital mental health and COVID-19: using technology today to accelerate the curve on access and quality tomorrow.** JMIR Mental Health 2020;7(3):epub ahead of print [abstract](#)

Tomorrow and beyond

76. Antonini A. **Health care for chronic neurological patients after COVID-19.** Lancet Neurol July 2020;19(7);562-563 [abstract](#)
- 77.Center for Health Design (US). **The owner's perspective: the future of healthcare design and construction.** A webinar recording Thursday, June 18, 2020. [link](#)
78. Cohen G, Gostin LO, Weitzner DJ. **Digital Smartphone Tracking for COVID-19: Public Health and Civil Liberties in Tension.** JAMA May 2020;epub ahead of print no abstract
- 79.Editors. **COVID-19: a catalyst for flexibility and creativity in neurology.** Lancet Neur July 2020 ;19(7):557 [abstract](#)
- 80.Leung K, Wu JT, Liu D, Leung GM. **First-wave COVID-19 transmissibility and severity in China outside Hubei after control measures, and second-wave scenario planning: a modelling impact assessment .** Lancet 2020;epub ahead of print [link](#)
- 81.Sajadi MJ, Habibzadeh P, Vintzileos A, Shokouhi S, Miralles-Wilhelm F, Amoroso A. **Temperature, humidity and latitude analysis to estimate potential spread and seasonality of coronavirus disease 2019(COVID-19).** JAMA Netw Open 2020;3(6) :epub ahead of print [link](#)
- 82.Shachar C, Engel J, Elwyn G. **Implications for telehealth in a postpandemic future: regulatory and privacy issues.** JAMA May 2020;epub ahead of print no abstract

83. Taylor S, Asmundson GJG. **Life in a post-pandemic world: what to expect of anxiety-related conditions and their treatment.** *Anxiety Disorders* May 2020; epub ahead of print [abstract](#)

Reflections

84. Bogetz JF. **Behind this face shield, I see you.** *J Pall Med* June 2020;23(6): epub ahead of print [full text](#)

85. Galea S. **Compassion in the time of COVID-19.** *Lancet* May 2020;395(10241):1897-1898 [link](#)

86. **COVID Kindness** – sharing acts of #covidkindness and uplifting stories from the front lines of Canadian health care <https://covidkindness.ca/>

Addressing systemic racism

87. Editors. **Medicine and medical science: black lives must matter more.** *Lancet* June 2020;39(10240):1813 [abstract](#)

88. Editors. **New England Journal of Medicine Perspectives, Editorial Address: Systemic Racism.** *New Eng J Med* June 11, 2020. [link](#)

89. Evans MK, Rosenbaum L, Malina D, Morrissey S, Rubin EJ. **Diagnosing and treating systemic racism.** *New Eng J Med* June 10, 2020 [link](#)

90. Hardeman RR, Medina EM, Boyd RW. **Stolen breaths.** *New Eng J Med* June 10, 2020. [link](#)

91. Morse M, Loscalzo J. **Creating real change at academic medical centers – how social movements can be timely catalysts.** *New Eng J Med* June 11, 2020. [link](#)

COVID-19 free stuff and links to guidelines

CDC Editors. **The physiological burden of prolonged PPE use on healthcare workers during long shifts.** Updated June 10, 2020: CDC [abstract](#)

COVID-19 Communication Collections from the Government of Ontario [link](#) Updated June 17, 2020

CMA Updates: coronavirus. [link](#)

Mise à jour de l'AMC : renseignements sur le coronavirus [lien](#)

Framework for Ethical Decision Making During the Coronavirus Pandemic [link](#)

Cadre pour la prise de décision éthique pendant la pandémie du coronavirus [lien](#)

CPG Infobase – COVID-19 guidance [link](#)

Infobanque des GPC – Guides de pratique Clinique sur COVID-19 [lien](#)

COVID-19 learning series– expert webinars for physicians on coping during COVID-19 [link](#)

Série de webinaires de Joule sur la COVID-19 – des conseils d’experts pour aider les médecins et les apprenants en médecine à composer avec la pandémie de COVID-19 [lien](#)

Online palliative care modules – in collaboration with the CMA, Pallium is providing health care professionals with **free access to six online palliative care modules** [link](#)

Modules en ligne sur les soins palliatifs – en collaboration avec l’AMC, Pallium Canada offre **aux professionnels de la santé un accès gratuit à six modules en ligne sur les soins palliatifs. Les modules ne sont actuellement disponibles qu’en anglais** [lien](#)

CMAJ BLOGS - [link](#)

From JAMA networks –

Mental Health Outcomes Among Health Care Workers Exposed to COVID-19 [link](#)

Clinical Characteristics of Patients Who Died of Coronavirus Disease 2019 in China [link](#)
Patient pages from JAMA [link](#)

CDC- Coronavirus updates [link](#)

FDA [FDA Homepage](#)

Additional information on the COVID-19 pandemic:

Centers for Disease Control and Prevention: <https://www.cdc.gov/>

Health Canada: <https://www.canada.ca/en/health-canada.html>

World Health Organization: <https://www.who.int/>

brainXchange at <https://brainxchange.ca/COVID-19.aspx>

COVID-19 Communication Collections from the Government of Ontario [link](#) Updated June 17, 2020

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