

The Newfoundland & Labrador Centre for Applied Health Research (NLCAHR) will send this COVID-19 e-bulletin to our health system stakeholders on a bi-weekly basis. This e-bulletin includes results from recent searches of health evidence and grey literature on the pandemic under specific subject headings, highlighting those findings considered to be of particular relevance to you.

We hope you will find this information to be helpful.

We welcome your [feedback and suggestions](#).

You can find NLCAHR e-bulletins and COVID-19 Quick Response Reports [online here](#).

REOPENING AFTER LOCKDOWN

BC Centre for Disease Control: [Protecting Industrial Camp Workers, Contractors, and Employers Working in the Agricultural, Forestry, and Natural Resource Sectors During the COVID-19 Pandemic](#)

(Published July 28, 2020)

This guidance document provides infection prevention and control measures and recommendations for workers and employers in natural resource sectors during the Covid-19 pandemic. [LINK](#)

The American Journal of Bioethics: [Ethical Considerations for “Reopening” Health Care Organizations Amid COVID-19](#) (Published July 27, 2020)

This commentary piece argues that policy makers must ensure that health care service providers are guided by clear guidelines that balance reopening plans with professional and public obligations to sustain efforts to control the spread of COVID-19. [LINK](#)

Eurosurveillance: [A large COVID-19 outbreak in a high school 10 days after schools’ reopening, Israel, May 2020](#) (Published July 25, 2020)

This article reports the outbreak of Covid-19 following school re-openings in Israel, and provides suggestions and recommendations for safe and successful school re-openings. [LINK](#)

ANTICIPATING A “SECOND WAVE”

BBC: [Coronavirus: What's the evidence Europe is having a 'second wave'?](#) (Published July 29, 2020)

“Talk of a second wave is the stuff of nightmares, conjuring up images of another deadly surge of infections.” [LINK](#)

Canadian Journal of Public Health: [The second wave of COVID-19: time to think of strategic stockpiles](#) (Published July 23, 2020)

Letter to editor on strategies for stockpiles of essential commodities important to manage the outbreak. [LINK](#)

Infection Control & Hospital Epidemiology: [Impact of COVID-19 second wave on healthcare worker staffing levels](#) (Published July 22, 2020)

Letter to the editor on the impact of second wave of COVID-19 on staffing levels of healthcare workers. [LINK](#)

TREATMENT

JAMA: [Experts Discuss COVID-19—Remdesivir, Vaccines, and More.](#) (Published August 5, 2020)

“Discussions with experts in clinical care, public health, and health policy focus on critical issues related to the coronavirus disease 2019 (COVID-19) pandemic.” [LINK](#)

STAT News: [A huge experiment’: How the world made so much progress on a Covid-19 vaccine so fast](#) (Published July 30, 2020)

“Never before have prospective vaccines for a pathogen entered final-stage clinical trials as rapidly as candidates for Covid-19.” [LINK](#)

CADTH: [Dexamethasone in the Treatment of Hospitalized Patients With COVID-19: A Critical Appraisal of the RECOVERY Study](#) (Published July 27, 2020)

“The purpose of this CADTH report is to describe the internal and external validity of these published results of the RECOVERY trial.” [LINK](#)

CLINICAL MANAGEMENT

CDC: [Serious Adverse Health Events, Including Death, Associated with Ingesting Alcohol-Based Hand Sanitizers Containing Methanol — Arizona and New Mexico, May–June 2020](#) (Published July 31, 2020)

“Alcohol-based hand sanitizer products should never be ingested. In patients with compatible signs and symptoms or after having swallowed hand sanitizer, prompt evaluation for methanol poisoning is required. Health departments in all states should coordinate with poison centers to identify cases of methanol poisoning.” [LINK](#)

JAMA: [The Dual Epidemics of COVID-19 and Influenza Vaccine Acceptance, Coverage, and Mandates](#) (Published June 11, 2020)

“The confluence of coronavirus disease 2019 (COVID-19) and seasonal influenza this fall and winter will result in considerable morbidity and mortality, stressing the health system.” [LINK](#)

medRxiv: [An Analysis of Territorial Patterns in COVID-19 Mortality in France, Spain, Italy and the UK](#) (Published July 27, 2020)

“This paper provides an overview of territorial patterns of COVID-19 deaths in four European countries severely affected by the pandemic, Spain, France, Italy, and the United Kingdom.” [LINK](#)

STATNews: [Covid-19 infections leave an impact on the heart, raising concerns about lasting damage](#)

(Published July 27, 2020)

“Two new studies from Germany paint a sobering picture of the toll that Covid-19 takes on the heart, raising the specter of long-term damage after people recover, even if their illness was not severe enough to require hospitalization.” [LINK](#)

CDC: [Symptom Duration and Risk Factors for Delayed Return to Usual Health Among Outpatients with COVID-19 in a Multistate Health Care Systems Network — United States, March–June 2020](#)

(Published July 24, 2020)

“In a multistate telephone survey of symptomatic adults who had a positive outpatient test result for SARS-CoV-2 infection, 35% had not returned to their usual state of health when interviewed 2–3 weeks after testing. Among persons aged 18–34 years with no chronic medical conditions, one in five had not returned to their usual state of health.” [LINK](#)

INFECTION CONTROL

Australian and New Zealand Journal of Public Health: [Delaying the COVID-19 epidemic in Australia: evaluating the effectiveness of international travel bans](#)

(Published July 22, 2020)

This report evaluates the effect of international travel bans on the spread and control of Covid-19 infection, using the Australian context as a case study. [LINK](#)

Statistics Canada: [Willingness of Canadians to use a contact tracing application](#)

(Published July 31, 2020)

This article reports findings and conclusions from the Canadian Perspectives Survey on the willingness and likelihood of Canadians to use digital contact tracing applications. [LINK](#)

Public Health England: [COVID-19: Guidance for commissioners and providers of services for people who use drugs or alcohol](#)

(Published July 31, 2020)

This guidance document provides advice to minimise risk of Covid-19 infection spread in drug and alcohol service providers and service users, including young people. [LINK](#)

CDC: [Rural Communities - How Rural Communities Can Respond During COVID-19](#)

(Published July 30, 2020)

This guidance document provides recommendations on approaches that rural communities and public health professionals could deploy to effectively control Covid-19 infection and spread in rural and remote communities. [LINK](#)

Journal of Medical Internet Research: [Citizens' adherence to COVID-19 mitigation recommendations by the government: A three-country comparative evaluation using online cross-sectional survey data](#)

(Published July 26, 2020)

This study evaluates population-wide adherence to public health measures instituted by governments in three different countries, and provide recommendations to inform communication and messaging approaches that promote compliance and behavioural change. [LINK](#)

COVID-19 & HEALTHCARE WORKERS

The Lancet Infectious Diseases: [Monitoring approaches for health-care workers during the COVID-19 pandemic](#) (Published July 23, 2020)

This article provides recommendations and advice on effective strategies and policies to monitor and manage Covid-19 risks among frontline healthcare workers. [LINK](#)

Public Health England: [COVID-19: Management of staff and exposed patients or residents in health and social care settings](#) (Published July 31, 2020)

This guidance provides advice on the management of staff and patients or residents in health and social care settings according to exposures, symptoms and test results. [LINK](#)

SENIORS AND OTHER VULNERABLE GROUPS

Kaiser Health News: [America's Obesity Epidemic Threatens Effectiveness of Any COVID Vaccine](#) (Published August 6, 2020)

"Obesity has long been known to be a significant risk factor for death from cardiovascular disease and cancer. But scientists in the emerging field of immunometabolism are finding obesity also interferes with the body's immune response, putting obese people at greater risk of infection from pathogens such as influenza and the novel coronavirus." [LINK](#)

Life Sciences: [Role of comorbidities like diabetes on severe acute respiratory syndrome coronavirus-2: a review](#) (Published August 3, 2020)

This review highlights the current scenarios of coronavirus disease in pre-existing diabetic patients, epidemiology, molecular perception, investigations, treatment and management of COVID-19 in patients with diabetes. [LINK](#)

BioMed Central Infectious Diseases: [Clinical features and outcomes of pregnant women with COVID-19: a systematic review and meta-analysis](#) (Published August 3, 2020)

Systematically reviewed the clinical features and outcomes of pregnant women with COVID-19. [LINK](#)

Reviews in Endocrine and Metabolic Disorders: [COVID-19 and diabetes mellitus: how one pandemic worsens the other](#) (Published August 2, 2020)

The authors elucidate suggested mechanisms underlying the increased susceptibility of patients with diabetes to infection with SARS-CoV-2 with a more severe COVID-19 disease. [LINK](#)

MENTAL HEALTH & WELLNESS

Public Library of Science ONE: [Exposure to COVID-19 patients increases physician trainee stress and burnout](#) (Published August 6, 2020)

Investigated the effects of trainee exposure to patients being tested for COVID-19 on their depression, anxiety, stress, burnout and professional fulfillment. [LINK](#)

Neuropsychopharmacology and Biological Psychiatry: [Psychological effects caused by the COVID-19 pandemic in health professionals: a systematic review with meta-analysis](#) (Published August 6, 2020)

This article analyzes the main psychological effects caused by COVID-19 in health professionals. [LINK](#)

The Journals of Gerontology: [Exacerbating inequalities: social networks, racial/ethnic disparities, and the COVID-19 pandemic](#) (Published August 6, 2020)

Provides an evidence-based commentary on racial/ethnic disparities in social network resources and draws attention to the ways in which disasters differentially impact social networks, with meaningful insight to the ongoing pandemic. [LINK](#)

The Journals of Gerontology: [Loneliness and mental health during the COVID-19 pandemic: a study among Dutch older adults](#) (Published August 5, 2020)

This article examines the impact of the lockdown on well-being of Dutch older adults. [LINK](#)

Public Library of Science ONE: [COVID-19 – Beyond virology: potentials for maintaining mental health during lockdown](#) (Published August 4, 2020)

Assesses the prevalence of mental disorders during COVID-19 and respective lockdown in Germany, and potential behaviors/states that can have protective functions on preventing severe mental problems. [LINK](#)

Journal of Investigative Medicine: [Psychosocial factors associated with symptoms of generalized anxiety disorder in general practitioners during the COVID-19 pandemic](#) (Published Date, 2020)

Identifies the frequency of symptoms of generalized anxiety disorder (GAD) in general practitioners and estimates the association with particular psychosocial and demographic factors. [LINK](#)

The Gerontologist: [Media effects of individual worldview and wellness for long term care residents amid the COVID-19 virus](#) (Published July 29, 2020)

Emphasizes what is currently known regarding the impact media plays in an individual, including mood, opinion, worldview, and overall mental health and wellness. [LINK](#)

This **COVID-19 e-bulletin** was prepared by researchers at the Newfoundland & Labrador Centre for Applied Health Research (Kazeem Adefemi, Waseem Abu Ashour, Wendy Lasisi, and Pablo Navarro) to summarize research evidence and grey literature produced by a variety of sources that were accessed online in July and August 2020.

Given the rapidly changing nature of the coronavirus pandemic, some of the references included in this e-bulletin may quickly become out-of-date. We further caution readers that researchers at the Newfoundland & Labrador Centre for Applied Health Research are not experts on infectious diseases and are relaying work produced by others. This report has been produced quickly and it is not exhaustive, nor have the included studies been critically appraised.

QUESTIONS/ SUGGESTIONS?

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