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EPIDEMIOLOGIE - MESURES DE CONTROLE ET PREVENTION

Estimating mortality from COVID-19

An important characteristic of an infectious disease, particularly one caused by a novel pathogen like SARS-CoV-2, is its severity, the ultimate measure of which is its ability to cause death. Fatality rates help us understand the severity of a disease, identify at-risk populations, and evaluate quality of healthcare.

www.who.int (e-date: 04/08/2020)

[Lien original](#)

SARS-CoV-2 : Un futur virus saisonnier ?

Il n'est pas encore parti que l'on se demande déjà s'il va revenir : le SARS-CoV-2, virus responsable de la pandémie du Covid-19, fait actuellement l'objet de nombreuses études de modélisation pour déterminer s'il provoquera une deuxième, voire une troisième vague épidémique, alors même que la première n'est pas terminée. Deviendra-t-il à terme un virus saisonnier comme la grippe ?

INSERM (e-date: 04/08/2020)

[Lien original](#)

SARS-CoV-2 : organisation de grands rassemblements de plus de 5 000 personnes et de fêtes extérieures dansantes

Le HCSP évalue la possibilité d'organiser des rassemblements de plus de 5 000 personnes à partir du 1er septembre 2020, en intérieur et en extérieur, et se prononce sur les conditions sanitaires requises pour l'organisation de grandes fêtes extérieures dans le contexte de la pandémie de Covid-19.

www.hcsp.fr (e-date: 31/07/2020)

[Lien original](#)

Communiqué de l'Académie : Masquez-vous, masquez-vous, masquez-vous !

Le SARS-CoV-2 ne prenant pas de vacances, des signaux concordants témoignent d'une résurgence inquiétante de l'épidémie de Covid-19 en France et dans les pays voisins depuis le début du mois de juillet. La tendance au relâchement dans l'observation des mesures barrière, constatée depuis la sortie du confinement, s'est accentuée avec la saison estivale. La période des congés a multiplié les risques à la faveur des déplacements de population vers les zones touristiques du territoire national : utilisation de moyens de transport bondés, fréquentation de marchés et de lieux de forte affluence, réunions familiales, mariages et soirées festives.

www.academie-medecine.fr (e-date: 31/07/2020)

[Lien original](#)

COVID-19: management of staff and exposed patients and residents in health and social care settings [mis à jour le 31 juillet]

Guidance on the management of staff, patients and residents who have been exposed to COVID-19.

www.gov.uk (e-date: 30/07/2020)

[Lien original](#)

COVID-19 Evidence Update : Effectiveness of lockdowns

Are 'lockdowns' effective for suppressing COVID-19 transmission. Many jurisdictions across Australia and the world have employed lockdowns of various degrees as a primary tool against the spread of COVID-19. The theory is that restricting population movement will reduce contact between people and so limit disease transmission. But does it work? What degree of 'lockdown' is necessary? And at what stage does it need to be enforced?

South Australian Health & Medical Research Institute (e-date: 23/07/2020)

[Lien original](#)

COVID-19 Evidence Update : International exemplars of effective COVID-19 control

Which countries have dealt best with COVID-19 and why? The responses to COVID-19 have been many and varied between countries, and even between jurisdictions within countries, but there are some common factors between those who have been relatively successful. This evidence update investigated an array of response factors including timing, border controls, lockdowns, testing, contact tracing, health system capacity and communication.

South Australian Health & Medical Research Institute (e-date: 31/07/2020)

[Lien original](#)

COVID-19 in indoor environments —Air and surface disinfection measures

The COVID-19 pandemic has led to the closure of workplaces, public facilities, retail and commercial spaces, entertainment venues, and other indoor spaces where groups of people congregate. As cities and provinces reopen, jurisdictions have adopted common measures to mitigate the risks of transmission of SARS-CoV-2, the virus responsible for COVID-19, in indoor environments.

National Collaborating Centre for Environmental Health (e-date: 29/07/2020)

[Lien original](#)

Avis n°8 du Conseil scientifique COVID-19 - 27 juillet : Se préparer maintenant pour anticiper un retour du virus à l'automne

Il s'inscrit dans la continuité des scénarios et du plan P2R de l'avis 7 du Conseil scientifique: plusieurs des hypothèses émises début juin se voient devenir une réalité en France et à l'étranger.

Conseil Scientifique (e-date: 27/07/2020)

[Lien original](#)

COVID-19 - contact tracing in complex settings: health protection team guidance

This guidance provides recommendations for the identification of contacts of confirmed human cases of novel coronavirus (COVID-19) when either the case and/or the contact is linked to a complex setting.

Health Protection Scotland (e-date: 03/08/2020)

[Lien original](#)

COVID cases in England aren't rising: here's why

The government has restricted movements on millions of people in England: COVID is apparently on the rise. But what happens when you start digging into the data.

The Center for Evidence-Based Medicine (e-date: 02/08/2020)

[Lien original](#)

Rapid review of protective measures for vulnerable people. Version 28.0 [mis à jour le 30 juillet]

HIQA undertook a review of public health guidance on COVID-19, to summarise the range of advice and recommendations that have been issued to protect vulnerable groups who may be at risk of severe illness.

(e-date: 30/07/2020)

MALADIES-INFECTIEUSES

[Lien original](#)

COVID-19 Transmission Risks from Singing and Playing Wind Instruments – What We Know So Far

We review the transmission risk of singing in groups, potential transmission via wind instruments and respiratory droplet and aerosol dynamics.

Public Health Ontario (e-date: 09/07/2020)

[Lien original](#)

COVID-19: Preparing for a challenging winter 2020/21

Academy of Medical Sciences (e-date: 24/07/2020)

[Lien original](#)

SPI-M-O: Consensus statement on COVID-19, 15 July 2020

This paper contains estimates of the reproduction number (R) and growth rate for the UK, 4 nations and NHSE England regions. The values are shown as a range; the most likely true values are somewhere towards the middle of this range. Estimates of R and growth rates for Scotland, Wales, Northern Ireland and NHSE England regions are subject to greater uncertainty given the lower number of cases and increased variation. [...]

GOV.UK (e-date: 05/08/2020)

[Lien original](#)

EMG: Measurement of effectiveness of risk mitigation measures in reducing transmission, 16 July 2020

COVID security is considered as a parameter that measures the effectiveness of risk mitigation measures in reducing the risk of transmission associated with a particular setting and its immediate significant links.

GOV.UK (e-date: 31/07/2020)

[Lien original](#)

NERVTAG: Respiratory viral infections, their interactions with SARS-CoV-2 and implications for a winter resurgence of COVID-19, 16 July 2020

GOV.UK (e-date: 31/07/2020)

[Lien original](#)

Quelle est l'efficacité de l'obligation du port du masque dans une population sans que des mesures concrètes d'acceptabilité sociale aient été préalablement déployées?

Note des rédacteurs : Suite aux recommandations intérimaires pour la COVID-19 émises par l'Institut national de santé publique du Québec, nous avons recensé la littérature récemment publiée au sujet du port du couvre-visage ou du masque médical. Quoique le port du couvre-visage est en constante évaluation, son rôle semble important pour limiter la transmission du SRAS-CoV-2 dans la communauté québécoise et serait complémentaire à d'autres mesures pour limiter la transmission. On encourage donc les lecteurs à suivre les recommandations de l'INSPQ et à considérer nos recommandations basées sur des preuves scientifiques en constante évaluation.

Centre de Recherche en Santé Publique (Québec) (e-date: 05/08/2020)

[Lien original](#)

Diagnostic de la coordination des activités de santé publique et de prévention et contrôle des infections lors de la première vague de la pandémie de la COVID-19 à Montréal

Ministère de la Santé et des Services Sociaux (Québec) (e-date: 23/07/2020)

[Lien original](#)

Are you infectious if you have a positive PCR test result for COVID-19?

PCR detection of viruses is helpful so long as its accuracy can be understood: it offers the capacity to detect RNA in minute quantities, but whether that RNA represents infectious virus may not be clear.

Centre for Evidence-Based Medicine (e-date: 05/08/2020)

[Lien original](#)

Public Health Guidance for Potential COVID-19 Exposure Associated with International Travel or Domestic Travel [mis à jour le 3 août]

The COVID-19 pandemic has spread in all regions internationally as well as in the United States. As part of a strategy aimed to limit continued introduction of COVID-19 into U.S. communities, the U.S. government has recommended that travelers stay home voluntarily for 14 days after traveling to the United States from other countries with widespread ongoing transmission or on cruise ships or river cruises.

CDC (e-date: 03/08/2020)

[Lien original](#)

Considerations for Community-Based Organizations

As some community-based organizations (CBOs) begin to resume or increase their level of activities, CDC offers the following considerations for ways these organizations can help protect individuals and communities and slow the spread of coronavirus disease 2019 (COVID-19). CBOs can play a vital role in maintaining community morale and cohesion. They can also serve as a crucial link between communities and local health and other officials, providing insight about the feasibility and acceptability of proposed mitigation strategies and informing authorities about resources and needs in their communities.

CDC (e-date: 05/08/2020)

[Lien original](#)

Markets: Operational considerations for COVID-19 mitigation measures in low resource settings

Document purpose: Markets are a critical place of commerce and a source of many essential goods, but they can pose potential risks for COVID-19 transmission. This document provides suggestions for mitigating COVID-19 transmission in markets in low-resource settings and describes considerations associated with each mitigation measure. The proposals are presented in table format and are organized by mitigation principle (physical distancing, hand hygiene, cleaning and disinfection, and respiratory hygiene).

CDC (e-date: 04/08/2020)

[Lien original](#)

Implementing Filtering Facepiece Respirator (FFR) Reuse, Including Reuse after Decontamination, When There Are Known Shortages of N95 Respirators [mis à jour le 4 août]

CDC's Strategies for Optimizing the Supply of N95 FFRs were written to follow a continuum using the surge capacity approach in the order of **conventional** (everyday practice), **contingency** (expected shortages), and **crisis** (known shortages) capacities. N95 FFRs are meant to be disposed after each use. CDC developed contingency and crisis strategies to help healthcare facilities conserve their supplies in the face of shortages.

CDC (e-date: 04/08/2020)

[Lien original](#)

Theatres, Concert Halls and Other Performance Spaces

GOV.UK (e-date: 31/07/2020)

[Lien original](#)

Coronavirus (COVID-19): how to self-isolate when you travel to the UK [mis à jour le 31 juillet]

www.gov.uk (e-date: 31/07/2020)

[Lien original](#)

Que faire si vous avez été en contact étroit avec une personne qui a été testée positive au nouveau coronavirus (SARS-CoV-2) ou après l'entrée en Suisse en provenance d'un pays ou d'une zone présentant un risque élevé d'infection ?

www.bag.admin.ch (e-date: 03/08/2020)

[Lien original](#)

On the true number of COVID-19 infections: Effect of Sensitivity, Specificity and Number of Tests on Prevalence Ratio Estimation

Ce rapport présente une formule mathématique pour estimer le nombre d'infections SARS-CoV-2 dans une population donnée. La formule utilise les résultats et les paramètres des tests, c'est-à-dire la probabilité de vrais positifs (sensibilité) et de vrais négatifs (spécificité). [...]

HAL (e-date: 04/08/2020)

[Lien original](#)

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DEPISTAGE

INESSS: Tests sérologiques

COVID-19 – PERTINENCE CLINIQUE DES TESTS SÉROLOGIQUES

Les tests sérologiques ne détectent pas les virus, mais les anticorps produits en réponse l'infection. Ils permettraient de savoir si une personne a précédemment été exposée au SARS-CoV-2.

www.inesss.qc.ca (e-date: 05/08/2020)

[Lien original](#)

Avis relatif à la conduite à tenir face à un résultat de RT-PCR positif chez une personne ayant des antécédents d'infection par le SARS-CoV-2

Le HCSP complète ses recommandations relatives au contact tracing ou au dépistage systématique.

www.hcsp.fr (e-date: 31/07/2020)

[Lien original](#)

Interim Guidelines for COVID-19 Antibody Testing

Serologic methods have important public health and clinical uses for monitoring and responding to the COVID-19 pandemic.

CDC (e-date: 01/08/2020)

[Lien original](#)

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VULNERABILITE - PRISE EN CHARGE - SYMPTOMES - TRAITEMENTS

INESSS: Dexaméthasone

Réponse rapide INESSS - COVID-19 et dexaméthasone

aléatoire (ECRA) ouvert, l'état actuel des connaissances scientifiques est encourageant et positionne la dexaméthasone comme un traitement visée thérapeutique potentiel chez des patients COVID-19 hospitalisés dans un état grave ou critique qui nécessite un recours l'oxygénothérapie. Chez ces patients, son usage pourrait être considérée au cas par cas si les bénéfices escompt

www.inesss.qc.ca (e-date: 03/08/2020)

[Lien original](#)

Evidence check : Vascular dysfunction and COVID-19

Vascular dysfunction in COVID-19 literature can be described in four main forms: thrombotic eventssuch as deep venous thrombosis (DVT) or venous thromboembolism (VTE);thrombotic events with neurological symptomssuch as stroke; systemic vasculitis; and neurovascular involvement.

NSW Health (e-date: 05/08/2020)

ENFANTS - ADOLESCENTS

COVID-19 : Pandémie et travailleurs des écoles primaires et des services de garde éducatifs à l'enfance | INSPQ

En mars, à la suite de l'application des mesures de confinement pour faire face à la pandémie, certains services de garde ont été maintenus ouverts pour les travailleurs des services essentiels.

www.inspq.qc.ca (e-date: 04/08/2020)

[Lien original](#)

Parental Well-Being in Times of COVID-19 in Germany

We examine the differential effects of Covid-19 and related restrictions on individuals with dependent children in Germany. We specifically focus on the role of school and day care center closures, which may be regarded as a “disruptive exogenous shock” to family life. We make use of a novel representative survey of parental well-being collected in May and June 2020 in Germany, when schools and day care centers were closed but while other measures had been relaxed and new infections were low.

IZA – Institute of Labor Economics (e-date: 31/07/2020)

[Lien original](#)

Balancing the Risks of Pupils Returning to Schools

As we move into a phase of continuously reviewing decisions to keep schools open or shut, we need to recognise there are risks from having schools open and risks from having schools shut. In open schools, the risks to pupils themselves from COVID-19 are very low, though there are risks to school staff, parents/carers and the wider community.

Royal Society DELVE Initiative (e-date: 24/07/2020)

[Lien original](#)

International comparisons of school policies

Prepared for the DELVE Initiative by Inès Hassan, Devi Sridhar

Royal Society DELVE Initiative (e-date: 24/07/2020)

[Lien original](#)

Statistical designs for studies seeking to understand COVID-19 transmission in schools

A fundamental question in any discussion of the costs and benefits of school closures is to understand the change in risk to children and staff of contracting COVID-19 in school. The risk is a function of the proportion of children infected, transmission within the school environment, and immunity in children.

Prepared for the DELVE Initiative by Richard Wilkinson, Nick Latimer, Bill Browne, Simon Burgess, Michael Campbell, David Ellis, Sarah Filippi, Axel Gandy, Inès Hassan, Anna Vignoles

Royal Society DELVE Initiative (e-date: 24/07/2020)

[Lien original](#)

Rapid Review : COVID-19 Pandemic School Closure and Reopening Impacts

What is the effectiveness of school closures on reducing transmission of COVID-19 and non-COVID-19 pathogens?

Public Health Ontario (e-date: 04/08/2020)

[Lien original](#)

ETHIQUE

Race and Prioritization of Access to COVID-19 Vaccines

Chris Kaposy proposes that prioritization plans for new coronavirus vaccines should take race into account as an important factor that makes people vulnerable in the COVID-19 pandemic.

impactethics.ca (e-date: 04/08/2020)

PERCEPTIONS – REPRESENTATIONS

COVID-19 : Pandémie, croyances et perceptions | INSPQ

Sondages sur les attitudes et comportements de la population québécoise.

Les croyances sont des idées qui ne sont pas nécessairement démontrées empiriquement ou rationnellement et par lesquelles les individus construisent leur rapport avec le monde qui les entoure. Les perceptions sont des interprétations de la réalité basées sur des informations issues des sens et des émotions. Les croyances et les perceptions jouent un rôle majeur dans l'adoption de comportements de santé que les individus considèrent comme étant sains ou nocifs, les risques qu'ils attribuent aux maladies et comment ils conçoivent leur état de santé. Elles varient selon les caractéristiques des individus et de leur environnement. Dans le contexte actuel de la pandémie de COVID-19, avec son lot d'incertitudes et la surabondance d'informations, les croyances et les perceptions des individus risquent d'influer encore plus sur l'adoption des mesures recommandées:

www.inspq.qc.ca (e-date: 04/08/2020)

[Lien original](#)

Socially Optimal Mistakes? Debiasing COVID-19 Mortality Risk Perceptions and Prosocial Behavior

The perception of risk affects how people behave during crises. We conduct a series of experiments to explore how people form COVID-19 mortality risk beliefs and the implications for prosocial behavior. We first document that people overestimate their own risk and that of young people, while underestimating the risk old people face.

IZA Institute of Labor Economics (e-date: 06/08/2020)

[Lien original](#)

NISRA Coronavirus (COVID-19) opinion survey key findings – phase 1

On 20 April 2020, NISRA launched a new Coronavirus (COVID-19) Opinion Survey designed to measure how the Coronavirus (COVID-19) pandemic was affecting peoples' lives and behaviour in Northern Ireland.

Northern Ireland Statistics and Research Agency (e-date: 10/07/2020)

[Lien original](#)

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RECHERCHE

Covid-19 : l'Inserm sur tous les fronts

La pandémie de Covid-19 représente une crise sanitaire inédite de par son ampleur et son impact sur nos vies. Causede par un coronavirus émergent, le SARS-CoV-2, cette maladie a placé la recherche mondiale sur le pied de guerre. A l'Inserm aussi, les chercheurs ont sonné la mobilisation générale. Avec plusieurs objectifs : comprendre la maladie, mieux soigner les patients, développer rapidement des vaccins et anticiper ce que la pandémie nous réserve afin de protéger les populations.

(e-date: 31/07/2020)

[Lien original](#)

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SANTE MENTALE

The Mental Health Impact of the COVID-19 Pandemic in Northern Ireland - A rapid review

To consolidate the research, knowledge and evidence on the impact of COVID-19 on key areas of mental health and emotional wellbeing and the likelihood of new inceptions of mental illness; the recommendations for ameliorating these i.e. prevention, early intervention and recovery and priorities for further research. This paper is a rolling review and a guide to planning and decision making agreed

by the Mental Health and Emotional Wellbeing Surge Cell which was convened by the Health and Social Care Board in order to provide evidence to the Department of Health Northern Ireland.
Mental Health and Emotional Wellbeing Surge Cell (e-date: 31/07/2020)
[Lien original](#)

International Policy Guidance and Responses to COVID-19 Mental Health Recovery - Rapid Review

This rapid review has been commissioned by the Mental Health and Capacity Unit of the Department of Health NI and funded by the Mental Health Foundation. The main aim is to identify, analyse and present evidence to inform the response to mental health needs arising and/or being exacerbated by the Covid-19 Pandemic and examine the international evidence beyond the UK and Ireland. This is a fast-moving landscape and it is anticipated that additional relevant reviews and articles will be identified as research, policy and practice develops.

Department of Health (Northern Ireland) (e-date: 30/07/2020)

MALADIES-INFECTIEUSES

[Lien original](#)

Je suis en deuil d'une ou de personnes chères en raison de la pandémie—Version simplifiée imagée

Ce document explique le deuil en version simplifiée imagée pour les personnes ayant une déficience intellectuelle, un trouble du spectre de l'autisme et leur entourage.

Ministère de la Santé et des Services Sociaux (Québec) (e-date: 31/07/2020)

[Lien original](#)

Severe mental illness and risks from COVID-19

Centre for Evidence-Based Medicine (e-date: 05/08/2020)

MALADIES-INFECTIEUSES

[Lien original](#)

Lifestyle and Mental Health Disruptions during COVID-19

COVID-19 has affected daily life in unprecedented ways. Using a longitudinal dataset linking biometric and survey data from several cohorts of young adults before and during the pandemic (N=685), we document large disruptions to physical activity, sleep, time use, and mental health.

IZA Institute of Labor Economics (e-date: 06/08/2020)

[Lien original](#)

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AUTRES IMPACTS DE LA CRISE COVID-19

Can't Leave You Now! Intimate Partner Violence under Forced Coexistence and Economic Uncertainty

With the COVID-19 outbreak imposing stay at home and social distancing policies, warnings about the impact of lockdown and its economic consequences on domestic violence has surged. This paper disentangles the effect of forced coexistence and economic stress on intimate partner violence.

IZA Institute of Labor Economics (e-date: 06/08/2020)

[Lien original](#)

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