

2020-03-05 Novel Coronavirus_Daily Article List

ARTICLES PUBLIES OU IN PRESS (9)

Hematologic parameters in patients with COVID-19 infection

(e-date: 05/03/2020)

Fan BE, Chong VCL, Chan SSW, Lim GH, Lim KGE, Tan GB, et al.

[Lien original](#) -

Angiotensin receptor blockers as tentative SARS-CoV-2 therapeutics

(e-date: 05/03/2020)

Gurwitz D.

[Lien original](#) -

Open peer-review platform for COVID-19 preprints

(e-date: 05/03/2020)

Johansson MA, Saderi D.

[Lien original](#) -

Therapeutic options for the 2019 novel coronavirus (2019-nCoV)

(e-date: 05/03/2020)

Li G, De Clercq E.

[Lien original](#) -

Transmission routes of 2019-nCoV and controls in dental practice

(e-date: 05/03/2020)

Peng X, Xu X, Li Y, Cheng L, Zhou X, Ren B.

[Lien original](#) -

Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) From a Symptomatic Patient | Global Health | JAMA | JAMA Network

Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) From a Symptomatic Patient

Coronaviruses have been implicated in nosocomial outbreaks¹ with environmental contamination as a route of transmission.² Similarly, nosocomial transmission of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) has been reported.³ However, the mode of transmission and extent of environmental contamination are unknown.

[jamanetwork.com](#) (e-date: 05/03/2020)

[Lien original](#) -

Has China faced only a herald wave of SARS-CoV-2?

The attack rate of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) calculated by mathematical models, from estimates of the basic reproduction number, R_0 , of 2–3, suggests that 50–60% of the population should eventually be infected because the population seems to be entirely naive to the new virus. Nowcasting and forecasting the potential domestic and international spread of the 2019-nCoV outbreak originating in Wuhan, China: a modelling study.

www.thelancet.com (e-date: 04/03/2020)

[Lien original](#) -

Risk of COVID-19 for patients with cancer

The outbreak of coronavirus disease 2019 (COVID-19) is of international concern. We appreciated the Comment from Wenhua Liang and colleagues

www.thelancet.com (e-date: 04/03/2020)

Wang H, Zhang L.

[Lien original](#) -

Risk of COVID-19 for cancer patients

in The Lancet Oncology with great interest. Of 1590 cases with confirmed coronavirus disease 2019 (COVID-19), 18 patients had a history of cancer. The authors concluded that patients with cancer had a higher risk of COVID-19 and with a poorer prognosis than those without cancer.

www.thelancet.com (e-date: 04/03/2020)

Fan BE, Chong VCL, Chan SSW, Lim GH, Lim KGE, Tan GB, et al.

[Lien original](#) -

[Sommaire](#)

PREPRINTS (7)

Strong evolutionary convergence of receptor-binding protein spike between COVID-19 and SARS-related coronaviruses

Coronavirus Disease 2019 (COVID-19) and severe acute respiratory syndrome (SARS)-related coronaviruses (e.g., 2019-nCoV and SARS-CoV) are phylogenetically distantly related, but both are capable of infecting human

www.biorxiv.org (e-date: 05/03/2020)

[Lien original](#) -

Epidemiology and Transmission of COVID-19 in Shenzhen China: Analysis of 391 cases and 1,286 of their close contacts

Abstract Background Rapid spread of SARS-CoV-2 in Wuhan prompted heightened surveillance in Shenzhen and elsewhere in China. The resulting data provide a rare opportunity to measure key metrics of disease course, transmission, and the impact of control. Methods

www.medrxiv.org (e-date: 05/03/2020)

[Lien original](#) -

An ultrasensitive, rapid, and portable coronavirus SARS-CoV-2 sequence detection method based on CRISPR-Cas12

www.biorxiv.org (e-date: 04/03/2020)

[Lien original](#) -

Association of Cardiovascular Manifestations with In-hospital Outcomes in Patients with COVID-19: A Hospital Staff Data

Background: The outbreaks of coronavirus disease 2019 (COVID-19) caused by the novel severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) remain a huge threat to the public health worldwide. Clinical data is limited up to now regarding nosocomial

www.medrxiv.org (e-date: 04/03/2020)

[Lien original](#) -

Systematic Review of the Registered Clinical Trials of Coronavirus Diseases 2019 (COVID-19)

Background: Since the outbreak of coronavirus diseases 2019 (COVID-19), many researchers in China have immediately carried out clinical research scheme of the COVID-19. But, there is still a lack of systematic review of registered clinical trials. Therefore

www.medrxiv.org (e-date: 04/03/2020)

[Lien original](#) -

Relations of parameters for describing the epidemic of COVID—19 by the Kermack—McKendrick model

In order to quantitatively characterize the epidemic of COVID—19, useful relations among parameters describing an epidemic in general are derived based on the Kermack-McKendrick model. The first relation is $1/\tau_{\text{grow}}=1/\tau_{\text{trans}}-1/\tau_{\text{inf}}$, where τ_{grow} is the time constant

www.medrxiv.org (e-date: 04/03/2020)

[Lien original](#) -

Vorpal: A novel RNA virus feature-extraction algorithm demonstrated through interpretable genotype-to-phenotype linear models

www.biorxiv.org (e-date: 05/03/2020)

[Lien original](#) -

[Sommaire](#)

ARTICLES EN CHINOIS (résumé en anglais) (3)

[Prediction modeling with data fusion and prevention strategy analysis for the COVID-19 outbreak]

(e-date: 05/03/2020)

Tang SY, Xiao YN, Peng ZH, Shen HB.

[Lien original](#) -

[Expert consensus on Pulmonary Function Testing during the epidemic of Corona Virus Disease 2019]

(e-date: 05/03/2020)

Task Force of Pulmonary Function T, Clinical Respiratory Physiology CAoCP, Pulmonary Function Testing Group RTGCTS.

[Lien original](#) -

[Comparison of heart failure and 2019 novel coronavirus pneumonia in chest CT features and clinical characteristics]

(e-date: 05/03/2020)

Zhu ZW, Tang JJ, Chai XP, Fang ZF, Liu QM, Hu XQ, et al.

[Lien original](#) -

[Sommaire](#)

DOCUMENTS GOUVERNEMENTAUX (4)

COVID 19 - Orientations à l'intention des cliniques médicales

sur les mesures de prévention et contrôle des infections ainsi que les consignes pour un isolement domicile sont disponibles au <https://www.msss.gouv.qc.ca/professionnels/maladies-infectieuses/coronavirus-2019-ncov/>. Si la clinique n'a pas la capacité de procéder au prélèvement, elle pourra envoyer le patient l'urgence suivant les orientations suivantes : - Aviser l'urgence qu'une personne

[msss.gouv.qc.ca](https://www.msss.gouv.qc.ca) (e-date: 05/03/2020)

[Lien original](#) -

COVID-19 (SRAS-CoV-2) Questions-réponses pour les cliniques médicales

et désinfecter : > Au moins une fois par jour. > Selon les procédures de la clinique médicale. > Avec un produit approuvé pour un usage hospitalier, reconnu efficace (virucide pour le coronavirus) et homologué (numéro d'identification d'une drogue (DIN)) par Santé Canada (produit habituel ou solution chlorée). > Porter une attention aux surfaces fréquemment touchées,

qui doivent être
l'usager a été (y compris le papier de toilette). • Disposer des déchets selon
les catégories habituelles (généraux, biomédicaux, pharmaceutiques, etc.).
Aucune particularité pour COVID-19. Mesures prendre pour le patient qui est
retourné la maison Conditions de retour la maison Le suivi ou l'isolement
domicile sont possibles selon l'état clinique de la personne et la suite
msss.gouv.qc.ca (e-date: 05/03/2020)
[Lien original](#) -

**Interim U.S. Guidance for Risk Assessment and Public Health
Management of Healthcare Personnel with Potential Exposure in a
Healthcare Setting to Patients with Coronavirus Disease 2019
(COVID-19) [Mis à jour le 04/03/2020]**

their occupational health program if they have travel or community-associated
exposures as defined in Interim US Guidance for Risk Assessment and Public
Health Management of Persons with Potential Coronavirus Disease (COVID-
19) Exposure in Travel-associated or Community Settings.
www.cdc.gov (e-date: 05/03/2020)
[Lien original](#) -

**Water, sanitation, hygiene and waste management for COVID-19.
technical brief**
(e-date: 05/03/2020)
WHO
[Lien original](#) -

[Sommaire](#)

DOCUMENTS DE PREVENTION (2)

Medical Masks | Infectious Diseases | JAMA | JAMA Network
www.cdc.gov/coronavirus/2019-ncov/about/prevention-treatment.html
Sources: World Health Organization. When and how to use masks.
<http://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/when-and-how-to-use-masks>
jamanetwork.com (e-date: 05/03/2020)
[Lien original](#) -

**The COVID-19 Risk Communication Package For Healthcare
Facilities**
www.who.int (e-date: 05/03/2020)
[Lien original](#) -

NEWS (5)

Covid-19: UK could delay non-urgent care and call doctors back from leave and retirement

(e-date: 05/03/2020)

Mahase E.

[Lien original](#) -

Abraar Karan: To control the covid-19 outbreak, young, healthy patients should avoid the emergency room - The BMJ

Young, healthy people with symptoms of covid-19 can help to prevent outbreaks in emergency rooms where our society's sickest will be seeking care, says Abraar Karan

blogs.bmj.com (e-date: 04/03/2020)

[Lien original](#) -

Covid-19: hoarding and misuse of protective gear is jeopardising the response, WHO warns

www.bmj.com (e-date: 04/03/2020)

[Lien original](#) -

Los Angeles, New York City report more COVID-19 cases

Today Los Angeles County declared a state of emergency after health officials confirmed six more COVID-19 cases and said to brace for more as testing picks up in the West Coast's biggest city. And New York City noted a 10-person cluster.

www.cidrap.umn.edu (e-date: 05/03/2020)

[Lien original](#) -

Nations take steps to slow COVID-19 as \$12 billion in funds announced

In international COVID-19 developments, two countries announced major new steps aimed at controlling the spread of the virus, with Italy shuttering all schools and universities and Saudi Arabia temporarily banning all Umrah pilgrims.

www.cidrap.umn.edu (e-date: 05/03/2020)

[Lien original](#) -