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## ARTICLES PUBLIÉS OU IN PRESS [90 documents]

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### [Asymptomatic and Presymptomatic SARS-CoV-2 Infections in Residents of a Long-Term Care Skilled Nursing Facility — King County, Washington, March 2020 | MMWR](#)

Following identification of a case of coronavirus disease 2019 (COVID-19) in a health care worker, 76 of 82 residents of an SNF were tested for SARS-CoV-2; 23 (30.3%) had positive test results, approximately half of whom were asymptomatic or presymptomatic on the day of testing

*cdc.gov (e-date: 27/03/2020)*

*Kimball A, Hatfield K, Arons M.*

[Lien original](#)

### [Convalescent Plasma to Treat COVID-19: Possibilities and Challenges | JAMA | JAMA Network](#)

In this issue of JAMA, Shen et al report findings from a preliminary study of 5 severely ill patients with coronavirus disease 2019 (COVID-19) who were treated in the Shenzhen Third People's Hospital, China, using plasma from recovered individuals.<sup>1</sup> All patients had severe respiratory failure and were receiving mechanical outcomes. Despite these limitations, the study does provide some evidence to support the possibility of evaluating this well-known therapy in more rigorous investigations involving patients with COVID-19 and severe illness.

*jamanetwork.com (e-date: 27/03/2020)*

*Roback JD, Guamer J.*

[Lien original](#)

### [A Framework for Rationing Ventilators and Critical Care Beds During the COVID-19 Pandemic | JAMA | JAMA Network](#)

As the coronavirus disease 2019 (COVID-19) pandemic intensifies, shortages of ventilators have occurred in Italy and are likely imminent in parts of the US. In ordinary clinical circumstances, all patients in need of mechanical ventilation because of potentially-reversible conditions receive it, unless they or their surrogates decline. However, there are mounting concerns in many countries that this will not be possible and that patients who otherwise would likely survive if they received ventilator support will die because no ventilator is available.

*jamanetwork.com (e-date: 27/03/2020)*

*White DB, Lo B. A*

[Lien original](#)

### [Sourcing Personal Protective Equipment During the COVID-19 Pandemic | JAMA | JAMA Network](#)

As the coronavirus disease 2019 (COVID-19) pandemic accelerates, global health care systems have become overwhelmed with potentially infectious patients seeking testing and care. Preventing spread of infection to and from in which splashes, sprays, or aerosolization are likely. When face masks are altogether unavailable, the CDC recommends use of face shields without masks, taking clinicians at high risk for COVID-19 complications out of clinical service, staffing services with convalescent HCWs presumably immune to SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2), and use of homemade masks, perhaps from bandanas

*jamanetwork.com (e-date: 28/03/2020)*

*Livingston E, Desai A, Berkwits M.*

[Lien original](#)

### [A citizen's thoughts about COVID-19 | The Lancet](#)

I study epidemiology in Canada. Outbreaks of severe acute respiratory syndrome-related coronavirus and influenza A virus subtype H1N1 occurred during my early childhood, but I have no recollection of those times. The ongoing coronavirus disease 2019 (COVID-19) outbreak is the first global public health outbreak

[thelancet.com \(e-date: 26/03/2020\)](#)

Chow R. A

[Lien original](#)

### Historical linkages: epidemic threat, economic risk, and xenophobia | The Lancet

In the past months, there have been xenophobic attacks on people of Asian descent connected to coronavirus disease 2019 (COVID-19) and precipitous losses in global stock exchanges and risk of recession. Most reports have treated these as separate phenomena: considering one to be a cultural consequence of epidemic. In the current pandemic of COVID-19, we also see the links between epidemic risk, xenophobic responses, and the global economy. Verbal and physical attacks on people of Asian descent and descriptions of the disease as "the Chinese virus

[thelancet.com \(e-date: 27/03/2020\)](#)

White AIR.

[Lien original](#)

### CT screening for early diagnosis of SARS-CoV-2 infection | The Lancet Infectious Diseases

[correspondence] Heshui Shi and colleagues reported chest CT image characteristics of subclinical and clinical stages among 81 patients confirmed to have acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection. Undoubtedly, their work is important for clinical management of coronavirus disease 2019 (COVID-19) pneumonia. However, from an epidemiological perspective, interpretation of CT for early identification of SARS-CoV-2 infection needs to be done with caution.

[thelancet.com \(e-date: 26/03/2020\)](#)

Huang Y, Cheng W, Zhao N, Qu H, Tian J.

[Lien original](#)

### Experts' request to the Spanish Government: move Spain towards complete lockdown | The Lancet

[Correspondence] We would like to express our concern about the limited capacity of actions taken by the Spanish Government to successfully control the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) outbreak and end the exponential growth phase of new cases.

[thelancet.com \(e-date: 27/03/2020\)](#)

Mitjà O, Arenas À, Rodó X, Tobias A, Brew J, Benlloch JM.

[Lien original](#)

### Clinical Characteristics of Covid-19 in China | New England Journal of Medicine

[correspondence] According to the World Health Organization (WHO), the case definition for surveillance of returning travelers requires that they need to present with fever and at least one respiratory symptom to be considered as having suspected cases of coronavirus disease 2019 (Covid-19). In their article regarding 1099 patients with laboratory-confirmed Covid-19 at hospitals across China during the first 2 months of the pandemic, Guan et al. (Feb. 28 online publication, available at NEJM.org)<sup>2</sup> present compelling data supporting the need for a reassessment of these criteria.

[nejm.org \(e-date: 27/03/2020\)](#)

Zavascki AP, Falci DR.

[Lien original](#)

### Epidemiology of Covid-19 | New England Journal of Medicine

[Correspondence] With regard to the Perspective article by Lipsitch et al. (published Feb. 19 at NEJM.org),<sup>1</sup> cases of Covid-19 (the illness caused by SARS-CoV-2 infection) with no epidemiologic link to travel to China or known cases outside China have caused international concern about undetected introduction of the virus from subclinical

[nejm.org \(e-date: 27/03/2020\)](#)

Zhang X.

[Lien original](#)

### Geriatric Care During Public Health Emergencies: Lessons Learned From Novel Corona Virus Disease (COVID-19 Pandemic | Journal of gerontological social work

2020 Mar 26 [Online ahead of print] Geriatric care in public health emergencies is a serious concern, while, high case-fatality among older adults across the globe in COVID-19 pandemic implies lack of preparedness. Most of the countries irrespective of developing and developed one enormously struggling because of an inchoate response system ignorant of geriatric health needs

[pubmed.ncbi.nlm.nih.gov \(e-date: 26/03/2020\)](#)

Mazumder H, Hossain MM, Das A.

[Lien original](#)

### Suggestions for Safety and Protection Control in Department of Nuclear Medicine During the Outbreak of COVID-19 | Eur J Nucl Med Mol Imaging

2020 Mar 25 [Online ahead of print] Suggestions for Safety and Protection Control in Department of Nuclear Medicine During the Outbreak of COVID-19

[pubmed.ncbi.nlm.nih.gov \(e-date: 25/03/2020\)](#)

Zhang X, Shao F, Lan X.

[Lien original](#)

### The Effect of Human Mobility and Control Measures on the COVID-19 Epidemic in China | Science

2020 Mar 25 [Online ahead of print] The Effect of Human Mobility and Control Measures on the COVID-19 Epidemic in China

[pubmed.ncbi.nlm.nih.gov \(e-date: 25/03/2020\)](#)

Kraemer MUG, Yang CH, Gutierrez B, Wu CH, Klein B, Pigott DM, et al.

[Lien original](#)

### [Undocumented U.S. Immigrants and Covid-19 | The New England journal of medicine](#)

2020 Mar 27 [Online ahead of print] Undocumented U.S. Immigrants and Covid-19

[pubmed.ncbi.nlm.nih.gov \(e-date: 27/03/2020\)](#)

*Page KR, Venkataramani M, Beyrer C, Polk S.*

[Lien original](#)

### [Trust in Humanitarian Aid From the Earthquake 2017 to COVID-19 in Iran: A Policy Analysis | Disaster Med Public Health Prep](#)

2020 Mar 27 [Online ahead of print] The earthquake of November 2017, the great flood of April 2019, and the COVID-19 outbreak in 2020 are three major emergencies in Iran during the last three years. A common issue in all these crises seems to be the issue of "trust". Official authorities including Iranian President

[pubmed.ncbi.nlm.nih.gov \(e-date: 27/03/2020\)](#)

*Seddighi H.*

[Lien original](#)

### [Perioperative COVID-19 Defense: An Evidence-Based Approach for Optimization of Infection Control and Operating Room Management | Anesthesia & Analgesia.](#)

2020 Mar 26 [Online ahead of print] We describe an evidence-based approach for optimization of infection control and operating room management during the COVID-19 pandemic. Confirmed modes of viral transmission are primarily but not exclusively contact with contaminated environmental surfaces and aerosolization. Evidence-based improvement strategies for attenuation

[pubmed.ncbi.nlm.nih.gov \(e-date: 26/03/2020\)](#)

*Dexter F, Parra MC, Brown JR, Loftus RW.*

[Lien original](#)

### [The Role of the Global Health Development/Eastern Mediterranean Public Health Network and the Eastern Mediterranean Field Epidemiology Training Programs in Preparedness for COVID-19 | JMIR public health and surveillance](#)

2020 Mar 27 The World Health Organization (WHO) declared the current COVID-19 a public health emergency of international concern on January 30, 2020. Countries in the Eastern Mediterranean Region (EMR) have a high vulnerability and variable capacity to respond to outbreaks.

[pubmed.ncbi.nlm.nih.gov \(e-date: 27/03/2020\)](#)

*Al Nsour M, Bashier H, Al Serouri A, Malik E, Khader Y, Saeed K, et al.*

[Lien original](#)

### [Hospital Response to the COVID-19 Outbreak: The Experience in Shanghai, China | Journal of Advanced Nursing](#)

2020 Mar 25 [Online ahead of print] On 20th January 2020, the first COVID-19 case was reported in Shanghai, China. As of 12th March 2020, 344 cases with laboratory-confirmed COVID-19 infection have been detected in Shanghai, of which three died, 321 patients are discharged, 20

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

*Zhang Y, Sun Z, Latour JM, Hu B, Qian J.*

[Lien original](#)

### [A War on Two Fronts: Cancer Care in the Time of COVID-19 | Ann Intern Med](#)

2020 Mar 27 [Online ahead of print] A War on Two Fronts: Cancer Care in the Time of COVID-19

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

*Kutikov A, Weinberg DS, Edelman MJ, Horwitz EM, Uzzo RG, Fisher RI.*

[Lien original](#)

### [Epidemiology of Covid-19 in a Long-Term Care Facility in King County, Washington | The New England journal of medicine](#)

2020 Mar 27 [Online ahead of print]

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

*McMichael TM, Currie DW, Clark S, Pogosjans S, Kay M, Schwartz NG, et al.*

[Lien original](#)

### [Scientific and Ethical Basis for Social-Distancing Interventions Against COVID-19 | The Lancet Infectious Diseases](#)

2020 Mar 23 [Online ahead of print] Scientific and Ethical Basis for Social-Distancing Interventions Against COVID-19

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

*Lewnard JA, Lo NC*

[Lien original](#)

### [Urgent Need of a Management Plan for Survivors of COVID-19 | Eur Respir J](#)

2020 Mar 26 [Online ahead of print] Urgent Need of a Management Plan for Survivors of COVID-19

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

*Celli B, Fabbri LM.*

[Lien original](#)

[Coronavirus Uses as Binding Site in Humans Angiotensin-Converting Enzyme 2 Functional Receptor That Is Involved in Arterial Blood Pressure Control and Fibrotic Response to Damage and Is a Drug Target in Cardiovascular Disease. Is This Just a Phylogenetic Coincidence? | J Med Virol](#)

2020 Mar 26 [Online ahead of print] Coronavirus Uses as Binding Site in Humans Angiotensin-Converting Enzyme 2 Functional Receptor That Is Involved in Arterial Blood Pressure Control and Fibrotic Response to Damage and Is a Drug Target in Cardiovascular Disease. Is This Just a Phylogenetic Coincidence?

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### High-Resolution Computed Tomography Manifestations of 5 Pediatric Patients With 2019 Novel Coronavirus | European Journal of Radiology

2020 Mar 25 [Online ahead of print] High-Resolution Computed Tomography Manifestations of 5 Pediatric Patients With 2019 Novel Coronavirus

We present clinical and chest computed tomography (CT) features of 5 cases of pediatric patients with 2019 novel coronavirus. Two patients had fever and dry cough, whereas the rest of 3 patients were asymptomatic. Three patients had unilateral ground glass opacities with or without consolidation in the subpleural region on

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### Senior Medical Students in the COVID-19 Response: An Opportunity to Be Proactive | Academic Emergency Medicine

2020 Mar 25 [Online ahead of print] On March 13th, the United States (US) declared the novel coronavirus (COVID-19) pandemic a national emergency. By March 18th, according to the Centers for Disease Control and Prevention, COVID-19 had spread to all 50 US states, with 7,038 cases and 97 deaths.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### Development Path and Urgency of Further Strengthening Construction of Public Hospitals Based on Novel Coronavirus Pneumonia Treatment | Curr Med Sci

2020 Mar 26 [Online ahead of print] During the outbreak of novel coronavirus pneumonia (NCP) in Wuhan, public hospitals have played an important role in intensive care, case guidance and scheme optimization. At the same time, it also faces unprecedented challenges and tests.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### A Nationwide Survey of Psychological Distress Among Chinese People in the COVID-19 Epidemic: Implications and Policy Recommendations | General psychiatry

The Coronavirus Disease 2019 (COVID-19) epidemic emerged in Wuhan, China, spread nationwide and then onto half a dozen other countries between December 2019 and early 2020. The implementation of unprecedented strict quarantine

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### Comorbidity and Its Impact on 1590 Patients With Covid-19 in China: A Nationwide Analysis | Eur Respir J

2020 Mar 26 [Online ahead of print]

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### CT Image Visual Quantitative Evaluation and Clinical Classification of Coronavirus Disease (COVID-19

2020 Mar 25 [Online ahead of print] CT Image Visual Quantitative Evaluation and Clinical Classification of Coronavirus Disease (COVID-19)

Objectives: To explore the relationship between the imaging manifestations and clinical classification of COVID-19.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### Imaging Manifestations and Diagnostic Value of Chest CT of Coronavirus Disease 2019 (COVID-19 in the Xiaogan Area

2020 Mar 23 [Online ahead of print] Imaging Manifestations and Diagnostic Value of Chest CT of Coronavirus Disease 2019 (COVID-19) in the Xiaogan Area

Aim: To report the epidemiological, clinical, and radiological characteristics of patients with COVID-19 in Xiaogan, Hubei, China.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### Perioperative Presentation of COVID-19 Disease in a Liver Transplant Recipient

2020 Mar 27 [Online ahead of print] Perioperative Presentation of COVID-19 Disease in a Liver Transplant Recipient

Coronavirus disease 2019 (COVID-19) is highly contagious. It may rapidly progress to acute respiratory distress syndrome (ARDS) and result in multiorgan dysfunction or death in some cases.(1,2) Here, we report the

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov/) (e-date: 29/03/2020)

[Lien original](#)

### Application of Personal-Oriented Digital Technology in Preventing Transmission of COVID-19, China

2020 Mar 27 [Online ahead of print] Application of Personal-Oriented Digital Technology in Preventing Transmission of COVID-19, China

We reported several personal-oriented and mobile phone-based information technologies which were recently developed and widely used during the outbreak of COVID-19 in China. These technologies help reduce the transmission of COVID-19 and maintain normal social order.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Analysis of Clinical Characteristics and Laboratory Findings of 95 Cases of 2019 Novel Coronavirus Pneumonia in Wuhan, China: A Retrospective Analysis**

2020 Mar 26 Analysis of Clinical Characteristics and Laboratory Findings of 95 Cases of 2019 Novel Coronavirus Pneumonia in Wuhan, China: A Retrospective Analysis  
Background: Since December 2019, 2019 novel coronavirus pneumonia emerged in Wuhan city and rapidly spread throughout China and even the world. We sought to analyse the clinical characteristics and laboratory findings of some cases with 2019 novel coronavirus pneumonia .

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Cardiovascular Implications of Fatal Outcomes of Patients With Coronavirus Disease 2019 (COVID-19)**

2020 Mar 27 [Online ahead of print] Cardiovascular Implications of Fatal Outcomes of Patients With Coronavirus Disease 2019 (COVID-19)  
Importance: Increasing numbers of confirmed cases and mortality rates of coronavirus disease 2019 (COVID-19) are occurring in several countries and continents. Information regarding the impact of cardiovascular complication on fatal outcome is scarce.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Safe Delivery for COVID-19 Infected Pregnancies**

2020 Mar 26 [Online ahead of print] Safe Delivery for COVID-19 Infected Pregnancies  
Since December 2019, a new coronavirus (COVID-19) infection has rapidly become prevalent in central China<sup>1</sup> . On the basis of knowledge obtained from a previous coronavirus outbreak<sup>2</sup> , pregnant women are believed to be susceptible to this virus.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **The Importance of Addressing Advance Care Planning and Decisions About Do-Not-Resuscitate Orders During Novel Coronavirus 2019 (COVID-19)**

2020 Mar 27 [Online ahead of print] The Importance of Addressing Advance Care Planning and Decisions About Do-Not-Resuscitate Orders During Novel Coronavirus 2019 (COVID-19)

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Association of Coronavirus Disease 2019 (COVID-19 With Myocardial Injury and Mortality**

2020 Mar 27 [Online ahead of print] Association of Coronavirus Disease 2019 (COVID-19) With Myocardial Injury and Mortality

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Anticoagulant Treatment Is Associated With Decreased Mortality in Severe Coronavirus Disease 2019 Patients With Coagulopathy**

2020 Mar 27 [Online ahead of print] Anticoagulant Treatment Is Associated With Decreased Mortality in Severe Coronavirus Disease 2019 Patients With Coagulopathy  
Background: A relatively high mortality of severe coronavirus disease 2019 (COVID-19) is worrying, the application of heparin in COVID-19 has been recommended by some expert consensus due to the risk of disseminated intravascular coagulation and venous thromboembolism

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Expanded Umbilical Cord Mesenchymal Stem Cells (UC-MSCs as a Therapeutic Strategy in Managing Critically Ill COVID-19 Patients: The Case for Compassionate Use**

Expanded Umbilical Cord Mesenchymal Stem Cells (UC-MSCs) as a Therapeutic Strategy in Managing Critically Ill COVID-19 Patients: The Case for Compassionate Use  
COVID-19 has affected the United States leading to a national emergency with health care and economic impact, propelling the country into a recession with disrupted lifestyles not seen in recent history. FoNt2

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Cancer Care Delivery Challenges Amidst Coronavirus Disease - 19 (COVID-19 Outbreak: Specific Precautions for Cancer Patients and Cancer Care Providers to Prevent Spread**

2020 Mar 1 Cancer Care Delivery Challenges Amidst Coronavirus Disease - 19 (COVID-19) Outbreak: Specific Precautions for Cancer Patients and Cancer Care Providers to Prevent Spread  
Coronavirus outbreak has affected thousands of people in at least 186 countries which has affected the cancer care delivery system apart from affecting the overall health system. Cancer patients are more susceptible

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Frequency and Distribution of Chest Radiographic Findings in COVID-19 Positive Patients**

2019 Mar 27 [Online ahead of print] Frequency and Distribution of Chest Radiographic Findings in COVID-19 Positive Patients  
Background Current COVID-19 radiological literature is dominated by CT and a detailed description of chest x-ray (CXR) appearances in relation to the disease time course is lacking. Purpose To describe the time course and severity

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Translating COVID-19 Pandemic Surge Theory to Practice in the Emergency Department: How to Expand Structure

2020 Mar 27 [Online ahead of print] Translating COVID-19 Pandemic Surge Theory to Practice in the Emergency Department: How to Expand Structure  
Multiple professional societies, nongovernment and government agencies have studied the science of sudden onset disaster mass casualty incidents to create and promote surge response guidelines. The COVID-19 pandemic has presented the health care system with challenges that have limited science to guide the staff, staff and structure surge response. This study reviewed the available surge science literature

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### COVID-19: Melatonin as a Potential Adjuvant Treatment

2020 Mar 23 [Online ahead of print] COVID-19: Melatonin as a Potential Adjuvant Treatment  
This article summarizes the likely benefits of melatonin in the attenuation of COVID-19 based on its putative pathogenesis. The recent outbreak of COVID-19 has become a pandemic with tens of thousands of infected patients. Based on clinical features, pathology, the pathogenesis of acute respiratory

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Modeling the Epidemic Dynamics and Control of COVID-19 Outbreak in China

2020 Mar 11 [Online ahead of print] Modeling the Epidemic Dynamics and Control of COVID-19 Outbreak in China  
Background: The coronavirus disease 2019 (COVID-19) is rapidly spreading in China and more than 30 countries over last two months. COVID-19 has multiple characteristics distinct from other infectious diseases, including high infectivity

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Artificial Intelligence and Machine Learning to Fight COVID-19

2020 Mar 27 [Online ahead of print] Artificial Intelligence and Machine Learning to Fight COVID-19  
Keywords: Artificial Intelligence; COVID-19; Machine Learning; SARS-CoV-2.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Controversies About COVID-19 and Anticancer Treatment With Immune Checkpoint Inhibitors

2020 Mar 26 [Online ahead of print] Controversies About COVID-19 and Anticancer Treatment With Immune Checkpoint Inhibitors  
Keywords: anti-CTLA-4; COVID-19; SARS-CoV-2; anti-PD-1; anti-PD-L1; cancer patients; immune checkpoint inhibitors; immunotherapy; tocilizumab; viral infection.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Tilorone: A Broad-Spectrum Antiviral Invented in the USA and Commercialized in Russia and Beyond

Ebola and Marburg which highlights that this old drug may have other uses against new viruses. This may in turn inform the types of drugs that we need for virus outbreaks such as for the new coronavirus severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Tilorone has been long neglected by the west in many respects but it deserves further reassessment in light of current and future needs for broad

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Coronavirus Disease 2019 (COVID-19 and Pregnancy: Responding to a Rapidly Evolving Situation

2020 Mar 19 [Online ahead of print] Coronavirus Disease 2019 (COVID-19) and Pregnancy: Responding to a Rapidly Evolving Situation  
As the world confronts coronavirus disease 2019 (COVID-19), an illness caused by yet another emerging pathogen (severe acute respiratory syndrome coronavirus 2 [SARS-CoV-2]), obstetric care providers are asking what this means for pregnant women

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Negligible Risk of the COVID-19 Resurgence Caused by Work Resuming in China (Outside Hubei: A Statistical Probability Study

2020 Mar 27 [Online ahead of print] Negligible Risk of the COVID-19 Resurgence Caused by Work Resuming in China (Outside Hubei): A Statistical Probability Study  
The COVID-19 outbreak in China appears to reach the late stage since late March 2020, and a stepwise restoration of economic operations is implemented. Risk assessment for such economic restoration is of significance

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Neonatal Early-Onset Infection With SARS-CoV-2 in 33 Neonates Born to Mothers With COVID-19 in Wuhan, China

2020 Mar 26 [Online ahead of print] Neonatal Early-Onset Infection With SARS-CoV-2 in 33 Neonates Born to Mothers With COVID-19 in Wuhan, China

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Facts and Reflections on COVID-19 and Anti-Hypertensives Drugs**

2020 Mar 26 [Online ahead of print] Facts and Reflections on COVID-19 and Anti-Hypertensives Drugs

Based on some publications that associate SARS-CoV-2 infection with the use of anti-hypertensive drug groups such as angiotensin-converting-enzyme inhibitors (e.g. enalapril) or angiotensin II receptor blockers (e.g. losartan), many patients from South

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Public Health Responses to COVID-19 Outbreaks on Cruise Ships - Worldwide, February-March 2020**

2020 Mar 27 Public Health Responses to COVID-19 Outbreaks on Cruise Ships - Worldwide, February-March 2020

Stewart , Paul S Mead , Elizabeth Kurylo , Stefanie Campbell , Rachel Murray , Paul Weidle , Martin Cetron , Cindy R Friedman , CDC Cruise Ship Response Team ; California Department of Public Health COVID-19 Team ; Solano County COVID-19 Team

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Report From the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARS-CoV-2/COVID-19**

2020 Mar 26 Report From the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARS-CoV-2/COVID-19

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Medical Education and Care in Dermatology During the SARS-CoV2 Pandemia: Challenges and Chances**

The first novel coronavirus (SARS-CoV-2) cases occurred in Germany after contact with a Chinese business delegate between January 19 and 22, 2020 near the city of Munich, Bavaria. Since then numerous additional cases have been reported

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Cardiac Involvement in a Patient With Coronavirus Disease 2019 (COVID-19)**

2020 Mar 27 [Online ahead of print] Cardiac Involvement in a Patient With Coronavirus Disease 2019 (COVID-19)

Importance: Virus infection has been widely described as one of the most common causes of myocarditis. However, less is known about the cardiac involvement as a complication of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection.

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Stability Issues of RT-PCR Testing of SARS-CoV-2 for Hospitalized Patients Clinically Diagnosed With COVID-19**

2020 Mar 26 [Online ahead of print] Stability Issues of RT-PCR Testing of SARS-CoV-2 for Hospitalized Patients Clinically Diagnosed With COVID-19

In this study, we collected a total of 610 hospitalized patients from Wuhan between Feb 2, 2020, and Feb 17, 2020. We reported a potentially high false negative rate of RT-PCR testing for SARS-CoV-2 in the 610 hospitalized patients clinically diagnosed with COVID-19 during the 2019 outbreak. We also found that the RT-PCR results from several tests at different points were variable from the same patients

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Elevated Plasmin(ogen as a Common Risk Factor for COVID-19 Susceptibility**

2020 Mar 27 [Online ahead of print] Elevated Plasmin(ogen) as a Common Risk Factor for COVID-19 Susceptibility

Patients with hypertension, diabetes, coronary heart disease, cerebrovascular illness, COPD, and kidney dysfunction have worse clinical outcomes when infected with SARS-CoV-2, for unknown reasons. The purpose of this review is to summarize the evidence for the existence of elevated plasmin(ogen) in COVID-19 patients with these comorbid conditions. Plasmin, and other proteases

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Treatment of 5 Critically Ill Patients With COVID-19 With Convalescent Plasma**

2020 Mar 27 [Online ahead of print] Treatment of 5 Critically Ill Patients With COVID-19 With Convalescent Plasma

Importance: Coronavirus disease 2019 (COVID-19) is a pandemic with no specific therapeutic agents and substantial mortality. It is critical to find new treatments.

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **National Institute for the Infectious Diseases 'L. Spallanzani', IRCCS. Recommendations for COVID-19 Clinical Management**

2020 Mar 16 eCollection 2020 Feb 25 National Institute for the Infectious Diseases "L. Spallanzani", IRCCS. Recommendations for COVID-19 Clinical Management

On January 9 2020, the World Health Organization (WHO) declared the identification, by Chinese Health authorities, of a novel coronavirus, further classified as SARS-CoV-2 responsible of a disease (COVID-19) ranging from asymptomatic cases to severe respiratory involvement. On March 9 2020, WHO declared COVID-19 a global pandemic. Italy is the

*pubmed.ncbi.nlm.nih.gov (e-date: 29/03/2020)*

[Lien original](#)

### **Cutaneous Manifestations in COVID-19: A First Perspective**

2020 Mar 26 [Online ahead of print] Cutaneous Manifestations in COVID-19: A First Perspective

In December 2019 unexplained pneumonia cases were initially reported in Wuhan, China. The pathogen, a novel coronavirus named severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), was isolated from lower respiratory tract samples of infected patients and the resultant disease was termed as COVID-19 (Coronavirus Disease 2019)<sup>1</sup>

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### The Coronavirus Pandemic: 'The Show Must NOT Go On'

The Coronavirus Pandemic: "The Show Must NOT Go On"

Keywords: COVID-19; Coronavirus; Pandemic; SARS-CoV-2; Social distancing.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Interventions to Mitigate Early Spread of SARS-CoV-2 in Singapore: A Modelling Study

2020 Mar 23 [Online ahead of print] Interventions to Mitigate Early Spread of SARS-CoV-2 in Singapore: A Modelling Study

Background: Since the coronavirus disease 2019 outbreak began in the Chinese city of Wuhan on Dec 31, 2019, 68 imported cases and 175 locally acquired infections have been reported in Singapore. We aimed to investigate options for early

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Advice Regarding COVID-19 and Use of Immunomodulators, in Patients With Severe Dermatological Diseases

2020 Mar 26 [Online ahead of print] Advice Regarding COVID-19 and Use of Immunomodulators, in Patients With Severe Dermatological Diseases

Coronavirus disease 2019 (COVID-19) is the disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), as named by the International Committee on Taxonomy of Viruses (ICTV). There is very limited evidence

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Clinical and Immunologic Features in Severe and Moderate Coronavirus Disease 2019

2020 Mar 27 [Online ahead of print] Clinical and Immunologic Features in Severe and Moderate Coronavirus Disease 2019

Background: Since December 2019, an outbreak of Coronavirus Disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) emerged in Wuhan, and is now becoming a global threat. We aimed to delineate and compare the immunologic features of

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Absence of Contamination of Personal Protective Equipment (PPE) by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)

2020 Mar 26 [Online ahead of print] Absence of Contamination of Personal Protective Equipment (PPE) by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Experience of Clinical Management for Pregnant Women and Newborns With Novel Coronavirus Pneumonia in Tongji Hospital, China

2020 Mar 26 [Online ahead of print] Experience of Clinical Management for Pregnant Women and Newborns With Novel Coronavirus Pneumonia in Tongji Hospital, China

Based on the New Diagnosis and Treatment Scheme for Novel Coronavirus Infected Pneumonia (Trial Edition 5), combined with our current clinical treatment experience, we recently proposed a revision of the first edition of "Guidance for maternal and fetal management during

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### What Dermatologists Could Do to Cope With the Novel Coronavirus (SARS-CoV-2): A Dermatologist's Perspective From China

2020 Mar 27 [Online ahead of print] What Dermatologists Could Do to Cope With the Novel Coronavirus (SARS-CoV-2): A Dermatologist's Perspective From China

Coronavirus disease, first emerged in Wuhan, China, rapidly spread all over the country since December 2019<sup>[1]</sup>. Up to now, the epidemic situation in China remains stable, while the global march of the virus is seemingly

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### COVID-19 and the Otolaryngologist - Preliminary Evidence-Based Review

2020 Mar 26 [Online ahead of print] COVID-19 and the Otolaryngologist - Preliminary Evidence-Based Review

The SARS-CoV-2 virus which causes coronavirus disease 2019 (COVID-19) has rapidly swept across the world since its identification in December 2019. Otolaryngologists are at unique risk due to the close contact with mucus

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Potential Effects of Coronaviruses on the Cardiovascular System: A Review

Importance: Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which causes coronavirus disease 2019 (COVID-19) has reached a pandemic level. Coronaviruses are known to affect the cardiovascular system. We review the basics of coronaviruses, with a focus on Observations: Coronavirus disease 2019 can cause a viral pneumonia with additional extrapulmonary manifestations and complications. A large proportion of patients have underlying cardiovascular disease and/or cardiac risk factors

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Controversial Treatments: An Updated Understanding of the Coronavirus Disease 2019

2020 Mar 26 [Online ahead of print] Controversial Treatments: An Updated Understanding of the Coronavirus Disease 2019

An outbreak of severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) infection has posed significant threats to international health and the economy. In the absence of specific treatment for this virus, there is an urgent need to learn from the experience and

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Are Patients With Inflammatory Bowel Disease at Increased Risk for Covid-19 Infection?

2020 Mar 26 [Online ahead of print] Are Patients With Inflammatory Bowel Disease at Increased Risk for Covid-19 Infection?

affect millions of individuals and, together with the drugs used to treat them, can put patients at risk of developing complications and other conditions. This is particularly relevant nowadays, as coronavirus disease (Covid-19) has rapidly spread from China to countries where IBD are more prevalent and there is convincing evidence that Covid-19-mediated morbidity and mortality are higher in subjects with comorbidities

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Responding to COVID-19: How to Navigate a Public Health Emergency Legally and Ethically

2020 Mar 26 [Online ahead of print] Responding to COVID-19: How to Navigate a Public Health Emergency Legally and Ethically

Few novel or emerging infectious diseases have posed such vital ethical challenges so quickly and dramatically as the novel coronavirus SARS-CoV-2. The World Health Organization declared a public health emergency of international concern and recently classified COVID-19 as a worldwide pandemic. As of this writing, the epidemic has not yet

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Temporal Profiles of Viral Load in Posterior Oropharyngeal Saliva Samples and Serum Antibody Responses During Infection by SARS-CoV-2: An Observational Cohort Study

2020 Mar 23 [Online ahead of print] Temporal Profiles of Viral Load in Posterior Oropharyngeal Saliva Samples and Serum Antibody Responses During Infection by SARS-CoV-2: An Observational Cohort Study

Background: Coronavirus disease 2019 (COVID-19) causes severe community and nosocomial outbreaks. Comprehensive data for serial respiratory viral load and serum antibody responses from patients infected with severe acute respiratory

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Early Antiviral Treatment Contributes to Alleviate the Severity and Improve the Prognosis of Patients With Novel Coronavirus Disease (COVID-19)

2020 Mar 27 [Online ahead of print] Early Antiviral Treatment Contributes to Alleviate the Severity and Improve the Prognosis of Patients With Novel Coronavirus Disease (COVID-19)

Background: At present, the severity of patients infected with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) has been a focal point.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Identifying SARS-CoV-2 Related Coronaviruses in Malayan Pangolins

2020 Mar 26 [Online ahead of print] Identifying SARS-CoV-2 Related Coronaviruses in Malayan Pangolins

The ongoing outbreak of viral pneumonia in China and beyond is associated with a novel coronavirus, SARS-CoV-21. This outbreak has been tentatively associated with a seafood market in Wuhan, China, where the sale of wild animals may be the source of zoonotic infection2. Although bats are likely reservoir

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility

2020 Mar 26 [Online ahead of print] Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility

Background: A physiological small animal model that resembles COVID-19 with low mortality is lacking.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Preparedness and Lessons Learned From the Novel Coronavirus Disease

Preparedness and Lessons Learned From the Novel Coronavirus Disease

In a short span, a novel coronavirus (SARS-CoV-2) has captured global consciousness by significantly affecting the day-to-day life of humans and emerged as a public health emergency. Undoubtedly, it indicates that lessons learnt from the past

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Is There an Association Between COVID-19 Mortality and the Renin-Angiotensin System-a Call for Epidemiologic Investigations

2020 Mar 26 [Online ahead of print] Is There an Association Between COVID-19 Mortality and the Renin-Angiotensin System-a Call for Epidemiologic Investigations  
Mortality from coronavirus disease 2019 (COVID-19) is strongly associated with cardiovascular disease, diabetes, and hypertension. These disorders share underlying pathophysiology related to the renin-angiotensin system (RAS) that

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### SARS-CoV-2: A Storm Is Raging

2020 Mar 27 [Online ahead of print] SARS-CoV-2: A Storm Is Raging

The pandemic coronavirus infectious disease (COVID-19), caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), is rapidly spreading across the globe. In this issue of the JCI, Chen and colleagues compared the clinical

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Coronavirus Disease 2019 (COVID-19) Pandemic and Pregnancy

2020 Mar 23 [Online ahead of print] Coronavirus Disease 2019 (COVID-19) Pandemic and Pregnancy

The current coronavirus disease 2019 (COVID-19) pneumonia pandemic, caused by the severe acute respiratory syndrome 2 (SARS-CoV-2) virus, is spreading globally at an accelerated rate, with a basic reproduction number (R0) of 2 -

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### SARS-CoV-2: What Do We Know So Far?

2020 Mar 27 [Online ahead of print] SARS-CoV-2: What Do We Know So Far?

We are living in times where a viral disease has brought normal life in much of the world to a halt. Named after its causative agent, coronavirus disease 2019 (COVID-19) is caused by a novel coronavirus recently renamed as severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). COVID-19 manifests as dry cough, frequent fevers and in severe cases pneumonia

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Covid-19 and the Digestive System

2020 Mar 25 [Online ahead of print] Covid-19 and the Digestive System

The novel coronavirus disease (Covid-19) is currently causing a major pandemic. It is caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), a member of the Betacoronavirus genus that also includes the SARS-CoV

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### The SARS-CoV-2 Vaccine Pipeline: An Overview

2020 Mar 3 [Online ahead of print] The SARS-CoV-2 Vaccine Pipeline: An Overview

Purpose of review: The goal of this review is to provide a timely overview on efforts to develop a vaccine for the 2019 novel coronavirus SARS-CoV-2, the causative agent of coronavirus disease (COVID-19).

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Could Intravenous Immunoglobulin Collected From Recovered Coronavirus Patients Protect Against COVID-19 and Strengthen the Immune System of New Patients?

2020 Mar 25 Could Intravenous Immunoglobulin Collected From Recovered Coronavirus Patients Protect Against COVID-19 and Strengthen the Immune System of New Patients?

The emergence of the novel coronavirus in Wuhan, China, which causes severe respiratory tract infections in humans (COVID-19), has become a global health concern. Most coronaviruses infect animals but can evolve into strains that cross the

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Maternal Health Care Management During the Outbreak of Coronavirus Disease 2019 (COVID-19)

2020 Mar 26 [Online ahead of print] Maternal Health Care Management During the Outbreak of Coronavirus Disease 2019 (COVID-19)

Coronavirus disease 2019 (COVID-19) is a novel type of highly contagious pneumonia caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Despite the strong efforts taken to control the epidemic, hundreds

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### Preliminary Recommendations for Surgical Practice of Neurosurgery Department in the Central Epidemic Area of 2019 Coronavirus Infection

2020 Mar 26 [Online ahead of print] Preliminary Recommendations for Surgical Practice of Neurosurgery Department in the Central Epidemic Area of 2019 Coronavirus Infection

Since December 2019, an outbreak of coronavirus disease 2019 (COVID-19) has posed significant threats to the public health and life in China. Unlike the other 6 identified coronaviruses, the SARS-CoV-2 has a high infectious rate, a long incubation period

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **An Effective Model for the Outpatient Management of COVID-19**

2020 Mar 26 [Online ahead of print] An Effective Model for the Outpatient Management of COVID-19

Keywords: 2019-nCoV; COVID-19; SARS-CoV-2; cross-infection; management model.

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Novel Coronavirus and Central Nervous System**

2020 Mar 26 [Online ahead of print] Novel Coronavirus and Central Nervous System

An outbreak of a novel coronavirus (2019-nCoV) that emerged in Wuhan has rapidly spread throughout China and has now become a global public health concern. As of the early March, a total of 100,000 cases have been confirmed in multiple

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Structural Genomics of SARS-CoV-2 Indicates Evolutionary Conserved Functional Regions of Viral Proteins**

2020 Mar 25 Structural Genomics of SARS-CoV-2 Indicates Evolutionary Conserved Functional Regions of Viral Proteins

During its first two and a half months, the recently emerged 2019 novel coronavirus, SARS-CoV-2, has already infected over one-hundred thousand people worldwide and has taken more than four thousand lives. However, the swiftly spreading virus also caused an unprecedentedly rapid response

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Severe Outcomes Among Patients With Coronavirus Disease 2019 (COVID-19- United States, February 12-March 16, 2020**

2020 Mar 27 Severe Outcomes Among Patients With Coronavirus Disease 2019 (COVID-19) - United States, February 12-March 16, 2020

CDC COVID-19 Response Team

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **COVID-19 in a Long-Term Care Facility - King County, Washington, February 27-March 9, 2020**

2020 Mar 27 COVID-19 in a Long-Term Care Facility - King County, Washington, February 27-March 9, 2020

Jacobs , Noah G Schwartz , Nimalie Stone , Sujan C Reddy , John A Jernigan , Margaret A Honein , Thomas A Clark , Jeffrey S Duchin , Public Health – Seattle a King County, EvergreenHealth, and CDC COVID-19 Investigation Team

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Coronavirus Uses as Binding Site in Humans Angiotensin-Converting Enzyme 2 Functional Receptor That Is Involved in Arterial Blood Pressure Control and Fibrotic Response to Damage and Is a Drug Target in Cardiovascular Disease. Is This Just a Phylogenetic Coincidence?**

2020 Mar 26 [Online ahead of print] Coronavirus Uses as Binding Site in Humans Angiotensin-Converting Enzyme 2 Functional Receptor That Is Involved in Arterial Blood Pressure Control and Fibrotic Response to Damage and Is a Drug Target in Cardiovascular Disease. Is This Just a Phylogenetic Coincidence?

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

### **Turbulent Gas Clouds and Respiratory Pathogen Emissions: Potential Implications for Reducing Transmission of COVID-19**

2020 Mar 26 [Online ahead of print] Turbulent Gas Clouds and Respiratory Pathogen Emissions: Potential Implications for Reducing Transmission of COVID-19

[pubmed.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov) (e-date: 29/03/2020)

[Lien original](#)

## ARTICLES EN CHINOIS (résumé en anglais) [7 documents]

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### [Epidemiological Analysis on 1 052 Cases of COVID-19 in Epidemic Clusters] | Zhonghua Liu Xing Bing Xue Za Zhi

2020 Mar 26 [Online ahead of print] Objective: To understand the epidemiological characteristics of the cases of COVID-19 epidemic clusters, and explore the influence of family factors and social factors such as group activities on the spread of the disease. Methods: The data of cases of COVID-19 epidemic clusters from 19

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

Gan H, Zhang Y, Yuan M, Wu XY, Liu ZR, Liu M, et al.

[Lien original](#)

### [The Management of Blood Glucose Should Be Emphasized in the Treatment of COVID-19]

[The Management of Blood Glucose Should Be Emphasized in the Treatment of COVID-19]

Based on the higher mortality and the higher proportion of critically ill adults in coronavirus disease 2019 (COVID-19) patients with diabetes, good inpatient glycemic control is particularly important in the comprehensive treatment of COVID-19. Individualized blood glucose target goals and treatment

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

### [Oral Health Management of Children During the Epidemic Period of Coronavirus Disease 2019]

[Oral Health Management of Children During the Epidemic Period of Coronavirus Disease 2019]

Coronavirus disease 2019 (COVID-19) is becoming a major public health event affecting China and even the whole world. During the epidemic period of corona virus disease, appropriate oral health management and disease

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

### [Clinical Study and CT Findings of a Familial Cluster of Pneumonia With Coronavirus Disease 2019 (COVID-19)]

[Clinical Study and CT Findings of a Familial Cluster of Pneumonia With Coronavirus Disease 2019 (COVID-19)]

We studied the epidemiological and clinical data collected from a family with 5 people, in which there were 3 family member diagnosed as coronavirus disease 2019 (COVID-19). We found that the first patient in this family had Wuhan city travel history. Close contact in daily life was the route of infection. The most common symptoms were fever, cough

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

### [Expert Consensus on the Management Strategy of Patients With Hereditary Ataxia During Prevention and Control of Novel Coronavirus Pneumonia Epidemic]

2020 Apr 10 [Expert Consensus on the Management Strategy of Patients With Hereditary Ataxia During Prevention and Control of Novel Coronavirus Pneumonia Epidemic]

highly infectious cases of unexplained pneumonia have been discovered in Wuhan, Hubei Province, which have been confirmed as '2019 corona virus disease' caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). SARS-CoV-2 virus can invade many human systems including the lungs. Patients with central nervous system involvement may show a series of neurological symptoms, which is easy to be misdiagnosed

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

### [Biological Product Development Strategies for Prevention and Treatment of Coronavirus Disease 2019]

[Biological Product Development Strategies for Prevention and Treatment of Coronavirus Disease 2019]

Coronavirus disease 2019 (COVID-19) caused by the novel coronavirus, also known as severe acute respiratory syndrome coronavirus 2 (SARS-Cov-2), has become a Public Health Emergency of International Concern. Due to the large infection

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

### [Epidemiology, Treatment, and Epidemic Prevention and Control of the Coronavirus Disease 2019: A Review]

[Epidemiology, Treatment, and Epidemic Prevention and Control of the Coronavirus Disease 2019: A Review]

This review summarizes the ongoing researches regarding etiology, epidemiology, transmission dynamics, treatment, and prevention and control strategies of the coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), with comparison to severe acute respiratory syndrome coronavirus (SARS-CoV), Middle East respiratory syndrome coronavirus (MERS

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

## ARTICLES EN ALLEMAND (résumé anglais) [2 documents]

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### [The Covid-19 Pandemic and Otolaryngology: What It Comes Down To?] | Laryngo- rhino- otologie

2020 Mar 26 [Online ahead of print] [The Covid-19 Pandemic and Otolaryngology: What It Comes Down To?]

Here, we review the most recent findings on the effects COVID-19 pandemic for the work of otolaryngologists. The role of anosmia and hyposmia as a potential COVID-19 related symptom is presented. We discuss the clinical management of all ENT patients, but especially

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

*Luers JC, Klussmann JP, Guntinas-Lichius O.*

[Lien original](#)

### [Maternity Protection-Also During the Corona Crisis]

Pregnant employees should be protected, particularly in crisis situations. The Maternity Protection Act states that employees are not allowed to have contact with infectious people, including people with SARS-CoV-2 infections; no new regulation is required here.

Keywords: Acute care medicine; Coronavirus; Employees; Pregnancy; Prevention.

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

## ARTICLES EN ESPAGNOL (résumé en anglais) [1 document]

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### [Prevention and Control of SARS-CoV-2 (Covid-19) Coronavirus Infection in Hemodialysis Units]

2020 Mar 26 [Online ahead of print] [Prevention and Control of SARS-CoV-2 (Covid-19) Coronavirus Infection in Hemodialysis Units]

The SARS-CoV-2 pandemic is of high risk for patients on chronic hemodialysis due to their immunosuppressed state, advanced age, and the coexistence of significant comorbidities, in particular cardiovascular disease

[pubmed.ncbi.nlm.nih.gov \(e-date: 29/03/2020\)](#)

[Lien original](#)

## PREPRINTS [38 documents]

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### Systematic review and critical appraisal of prediction models for diagnosis and prognosis of COVID-19 infection

Objective: To review and critically appraise published and preprint reports of models that aim to predict either (i) presence of existing COVID-19 infection, or (ii) future complications in individuals already diagnosed with COVID-19. Any models to identify subjects at risk for COVID-19 in the general population were also included.

Design: Rapid systematic

[medrxiv.org \(e-date: 27/03/2020\)](#)

*Wynants L, Van Calster B, Bonten MMJ, Collins GS, Debray TPA, De Vos M, et al.*

[Lien original](#)

### COVID-19 in Canada: Predictions for the future and control lessons from Asia

COVID-19 has spread with unequal efficiency in various parts of the world. In several European countries including Italy, the increase in the number of COVID-19 cases has followed a consistent, exponential pattern

[medrxiv.org \(e-date: 27/03/2020\)](#)

*Christian C, Christian F.*

[Lien original](#)

### Critical Care for Patients with Severe Covid-2019 in Sichuan Province, China: Provincial Cohort Study

Background: Data regarding critical care for patients with severe Covid-19 are limited. We aimed to describe the clinical course and critical care implemented for this patient population at the provincial level in Sichuan, China. Methods: In this population-based multicenter

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Kang Y.](#)

[Lien original](#)

### Coincidence of COVID-19 epidemic and olfactory dysfunction outbreak

on voluntary cases in all provinces of Iran between the 12th and 17th March, 2020. Cases was defined as self-reported anosmia/hyposmia in responders fewer than 4 weeks later (from start the of COVID-19 epidemic in Iran). Variables consist of clinical presentations, related past medical history, family history of recent respiratory tract infection and hospitalization. Results In this study 10069 participants

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Bagheri SHR, Asghari AM, Farhadi M, Shamshiri AR, Kabir A, Kamrava SK, et al.](#)

[Lien original](#)

### Is a COVID19 Quarantine Justified in Chile or USA Right Now?

During the current COVID-19 pandemic it is imperative to give early warnings to reduce mortality. However, non-specialist such as authorities and the general population face several problems to understand the real thread of this

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Gonzalez RG, Munoz F, Moya PS, Kiwi M.](#)

[Lien original](#)

### Scarce COVID-19 Testing Capabilities at Urgent Care Centers in States with Greatest Disease Burden

As of March 22, 2020, the number of confirmed COVID-19 cases in the U.S. has reached nearly 30,000. While rapid and accessible diagnosis is paramount to monitoring and reducing the spread of disease, COVID-19 testing capabilities across the U.S. remain constrained

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Hsiang WR, Forman HP, Jain S, Khunte A, Jin G, Yousman L, et al.](#)

[Lien original](#)

### Modeling COVID-19 epidemics in an Excel spreadsheet: Democratizing the access to first-hand accurate predictions of epidemic outbreaks

We present a simple epidemiological model that is amenable to implementation in Excel spreadsheets and sufficiently accurate to reproduce observed data on the evolution of the COVID-19 pandemics in different regions (i.e., Italy, Spain, and New York City). We also show that the model can be adapted to closely follow the evolution of COVID-19 in any large city by simply adjusting two

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Alvarez MM, Gonzalez-Gonzalez E, Trujillo-de Santiago G.](#)

[Lien original](#)

### Impact of changing case definitions for COVID-19 on the epidemic curve and transmission parameters in mainland China

to determine speed of spread and the effectiveness of interventions. Changing case definitions during an epidemic can affect these inferences. Methods: We examined changes in the case definition for COVID-19 in mainland China during the first epidemic wave. We used simple models assuming exponential growth and then exponential decay to estimate how changes in the case definitions affected the numbers of

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Tsang TK, Wu P, Yun Lin YL, Lau E, Leung GM, Cowling BJ.](#)

[Lien original](#)

### A demographic adjustment to improve measurement of COVID-19 severity at the developing stage of the pandemic

The need for accurate statistics has never been felt so deeply as the novel COVID-19 pathogen spreads around the world and quantifying its severity is a primary clinical and public health issue. In Italy, the magnitude and increasing trend of the case-fatality risk (CFR) is fueling the

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Bignami S, Ghio D.](#)

[Lien original](#)

### Modeling for Corona Virus Outbreak in IRAN

Background: As the outbreak of coronavirus disease 2019 (COVID19) is a worldwide pandemic it is rapidly expanding in Iran realtime analyses of epidemiological data are needed to increase situational awareness and inform interventions. In this

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Moghadami M, Moghadami M, Hassanzadeh M, wa k, Hedayati A, Malekolkalami M.](#)

[Lien original](#)

### Simulation-based Estimation of the Spread of COVID-19 in Iran

Background: The 2019 Coronavirus (COVID-19) has turned into a global pandemic with unprecedented challenges for the global community. Understanding the state of the disease and planning for future trajectories relies heavily on data on

[medrxiv.org \(e-date: 27/03/2020\)](#)

[Ghaffarzadegan N, Rahmandad H.](#)

[Lien original](#)

### UV Sterilization of Personal Protective Equipment with Idle Laboratory Biosafety Cabinets During the Covid-19 Pandemic

including surgical masks and N95 respirators, is crucially important to the safety of both patients and medical personnel, particularly in the event of infectious pandemics. As the incidence of Coronavirus Disease (COVID-19) is increasing exponentially in the United States and worldwide, healthcare provider demand for these necessities is currently outpacing supply. As such, strategies to safely expand the

*medrxiv.org (e-date: 27/03/2020)*

*Card K.J, Crozier D, Dhawan A, Dinh M, Dolson E, Farrokhian N, et al.*

[Lien original](#)

### Exponential damping key to successful containment of COVID-19 outbreak

Due to the excessively high capability of human-to-human transmission, the 2019 novel coronavirus disease (COVID-19), first reported in Wuhan of China, has rapidly spread to the entire nation and beyond, and has now been declared a global public health emergency. Understanding the transmission pattern

*medrxiv.org (e-date: 27/03/2020)*

*Zhang F, Zhang J, Cao M, Zhang Y, Hui C.*

[Lien original](#)

### COVID-19 attack rate increases with city size

The current outbreak of novel coronavirus disease 2019 (COVID-19) poses an unprecedented global health and economic threat to interconnected human societies. Until a vaccine is developed, strategies for controlling the outbreak rely on aggressive

*medrxiv.org (e-date: 27/03/2020)*

*Stier A.J, Berman MG, Bettencourt LMA.*

[Lien original](#)

### Modelling strategies to organize healthcare workforce during pandemics: application to COVID-19

Protection of healthcare workforce is of paramount relevance for the care of infected and non-infected patients in the setting of a pandemic such as coronavirus disease 2019 (COVID-19). Healthcare workers are at increased risk to become infected because of contact to infected patients, infected co-workers and their community outside the hospital. The ideal organisational

*medrxiv.org (e-date: 27/03/2020)*

*Sanchez-Taltavull D, Candinas D, Roldan E, Beldi G.*

[Lien original](#)

### Spatio-temporal propagation of COVID-19 pandemics

The new coronavirus known as COVID-19 is rapidly spreading since December 2019. Without any vaccination or medicine, the means of controlling it are limited to quarantine and social distancing. Here we study the spatio-temporal

*medrxiv.org (e-date: 27/03/2020)*

*Gross B, Zheng Z, Liu S, Chen X, Sela A, Li J, et al.*

[Lien original](#)

### The Effect of Large-Scale Anti-Contagion Policies on the Coronavirus (COVID-19) Pandemic

Governments around the world are responding to the novel coronavirus (COVID-19) pandemic with unprecedented policies designed to slow the growth rate of infections. Many actions, such as closing schools and restricting populations to their homes, impose large and visible

*medrxiv.org (e-date: 27/03/2020)*

*Hsiang S, Allen D, Bell K, Bolliger I, Annan-Phan S, Chong T, et al.*

[Lien original](#)

### A Social Network Model of the COVID-19 Pandemic

In the COVID-19 coronavirus pandemic, currently vaccines and specific anti-viral treatment are not yet available. Thus, preventing viral transmission by case isolation, quarantine, and social distancing is essential to slowing

*medrxiv.org (e-date: 27/03/2020)*

*Zhao P.J.*

[Lien original](#)

### Population-Level Mortality Rates from Novel Coronavirus (COVID-19 in South Korea)

Background: South Korea was among the first countries to report a case of the novel coronavirus (COVID-19) outside of China. As of 22 March, 2020, South Korea reported 8897 confirmed cases of and 104 deaths from COVID-19. Methods: We collected the number of laboratory-confirmed cases and deaths in

*medrxiv.org (e-date: 27/03/2020)*

*Soneji S, Beltrán-Sánchez H, Yang J, Mann C.*

[Lien original](#)

### Core Outcome Set for Traditional Chinese and Western Medicine Clinical Trials of COVID-19

Background: There are a large number of clinical trials for COVID-19. But the heterogeneity of outcomes may result in some clinical trials cannot be compared or merged. It is emergency to develop a core outcome set (COS) for clinical trials. Methods: A preliminary list

*medrxiv.org (e-date: 27/03/2020)*

*Qiu R, Zhao C, Liang T, Hao X, Huang Y, Zhang X, et al.*

[Lien original](#)

### Hydrogen Peroxide Vapor sterilization of N95 respirators for reuse

Abstract Reprocessing of used N95 respirators may ameliorate supply chain constraints during the COVID-19 pandemic and provide a higher filtration crisis alternative. The FDA Medical Countermeasures Initiative previously funded a study of HP vapor decontamination of respirators using a Clarus C system (Bioquell

*medrxiv.org (e-date: 27/03/2020)*

*Kenney P, Chan BK, Kortright K, Cintron M, Havill N, Russi M, et al.*

[Lien original](#)

### Evaluation of COVID-19 RT-qPCR test in multi-sample pools

The recent emergence of SARS-CoV-2 lead to a current pandemic of unprecedented levels. Though diagnostic tests are fundamental to the ability to detect and respond, many health systems are already experiencing shortages of reagents associated

*medrxiv.org (e-date: 27/03/2020)*

*Yelin I, Aharony N, Shaer-Tamar E, Argoetti A, Messer E, Berenbaum D, et al.*

[Lien original](#)

### Therapeutic Application of Chloroquine in Clinical Trials for COVID-19

The novel corona virus disease -2019 (COVID-19) pandemic has caused a massive global public health havoc. Recent clinical trials carried out in China has found a promising therapeutic application of chloroquine and hydroxychloroquine for COVID-19.

*medrxiv.org (e-date: 27/03/2020)*

*Rana DR, Dulal S.*

[Lien original](#)

### Quantifying treatment effects of hydroxychloroquine and azithromycin for COVID-19: a secondary analysis of an open label non-randomized clinical trial (Gautret et al, 2020)

Quantifying treatment effects of hydroxychloroquine and azithromycin for COVID-19: a secondary analysis of an open label non-randomized clinical trial (Gautret et al, 2020)

Human infections with a novel coronavirus (SARS-CoV-2) were first identified via syndromic surveillance in December of 2019 in Wuhan China. Since identification, infections (coronavirus disease-2019; COVID-19) caused by this novel pathogen have spread

*www.medrxiv.org (e-date: 27/03/2020)*

[Lien original](#)

### Anaesthetic management and clinical outcomes of parturients with COVID-19: a multicentre, retrospective, propensity score matched cohort study

Objective: To analyse the clinical features of COVID-19 parturients, and to compare anaesthetic regimen and clinical outcomes in parturients with or without COVID-19 undergoing cesarean delivery. Methods: Data were extracted from the electronic medical record

*medrxiv.org (e-date: 27/03/2020)*

*Zhang Y, Chen R, Wang J, Gong Y, Zhou Q, Cheng H-h, et al.*

[Lien original](#)

### Development and Evaluation of an AI System for COVID-19 Diagnosis

Early detection of COVID-19 based on chest CT will enable timely treatment of patients and help control the spread of the disease. With rapid spreading of COVID-19 in many countries, however, CT volumes of suspicious patients are

*medrxiv.org (e-date: 28/03/2020)*

*Jin C, Chen W, Cao Y, Xu Z, Zhang X, Deng L, et al.*

[Lien original](#)

### Machine Learning the Phenomenology of COVID-19 From Early Infection Dynamics

We present a data-driven machine learning analysis of COVID-19 from its early infection dynamics, with the goal of extracting actionable public health insights. We focus on the transmission dynamics in the USA starting from the first confirmed infection on January

*medrxiv.org (e-date: 28/03/2020)*

*Magdon-Ismail M.*

[Lien original](#)

### Initial Simulation of SARS-CoV2 Spread and Intervention Effects in the Continental US

Here we use a metapopulation model applied at county resolution to simulate the spread and growth of COVID-19 incidence in the continental United States. We calibrate the model against county-level incidence data collected between February 21, 2020 and March 13, 2020, and estimate epidemiological parameters

*medrxiv.org (e-date: 28/03/2020)*

*Pei S, Shaman J.*

[Lien original](#)

### COVID-19 outbreak in Algeria: A mathematical Model to predict cumulative cases

Introduction: Since December 29, 2019 a pandemic of new novel coronavirus-infected pneumonia named COVID-19 has started from Wuhan, China, has led to 254 996 confirmed cases until midday March 20, 2020. Sporadic cases have been imported worldwide, in Algeria, the first case

*medrxiv.org (e-date: 28/03/2020)*

*HAMIDOUCHE M.*

[Lien original](#)

### Development and validation of a rapid single-step reverse transcriptase loop-mediated isothermal amplification (RT-LAMP) system potentially to be used for reliable and high-throughput screening of COVID-19

The recent pandemic of COVID-19 has involved tens of thousands of patients in numerous countries and the causative virus, SARS COV-2 is highly transmissible. Molecular diagnostic tools are central to containment of the virus and initiating

*medrxiv.org (e-date: 28/03/2020)*

*Jiang M, Pan W, Arastehfar A, Fang W, ling L, Fang H, et al.*

[Lien original](#)

### Effectiveness and cost-effectiveness of public health measures to control COVID-19: a modelling study

Background The Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) was first reported in China, which caused a respiratory disease known as Coronavirus Disease 2019 (COVID-19). Since its discovery, the virus has spread to over 100 countries and claimed more than

*medrxiv.org (e-date: 28/03/2020)*

*Wang Q, Shi N, Huang J, Cui T, Yang L, Ai J, et al.*

[Lien original](#)

### The potential SARS-CoV-2 entry inhibitor

Outbreak of coronavirus disease 2019 (COVID-19) occurred in Wuhan and has rapidly spread to almost all parts of world. In coronaviruses, the receptor binding domain (RBD) in the distal part of S1 subunit of SARS-CoV-2 spike protein

*bioRxiv.org (e-date: 27/03/2020)*

*Lung J, Lin Y-S, Yang Y-H, Chou Y-L, Chang G-H, Tsai M-S, et al.*

[Lien original](#)

### Multiple-Input Deep Convolutional Neural Network Model for COVID-19 Forecasting in China

COVID-19 is spreading all across the globe. Up until March 23, 2020, the confirmed cases in 173 countries and regions of the globe had surpassed 354,000, and more than 15,300 deaths had resulted. The confirmed

*medrxiv.org (e-date: 27/03/2020)*

*Huang C-J, Chen Y-H, Ma Y, Kuo P-H.*

[Lien original](#)

### Global COVID-19 fatality analysis reveals Hubei-like countries potentially with severe outbreaks

1. CFR in Iran in the early stage of the outbreak is the highest among all the countries 2. CFRs in the USA and Italy are similar to that in Hubei Province in the early stage of the outbreak. 3. CFRs in South Korea are similar to that outside Hubei (in China), indicating less severe outbreaks therein. 4. Our findings highlight the potential severity of outbreaks globally, particular in the USA.

*medrxiv.org (e-date: 29/03/2020)*

*FU X.*

[Lien original](#)

### Dynamics of COVID-19 pandemic at constant and time-dependent contact rates

We constructed a simple Susceptible-Infected-Infectious-Excluded model of the spread of COVID-19. The model is parametrised only by the average incubation period,  $\tau$ , and two rate parameters: contact rate,  $r_E$ , and exclusion rate,  $r_{E'}$ . The rates can be manipulated by non-therapeutic interventions

*medrxiv.org (e-date: 29/03/2020)*

*Kochaneczyk M, Grabowski F, Lipniacki T.*

[Lien original](#)

### Assessing the Global Tendency of COVID-19 Outbreak

COVID-19 is now widely spreading around the world as a global pandemic, whereas it had been effectively under control in China by March 15. In this report, we estimate the global tendency of COVID-19 and analyze

*medrxiv.org (e-date: 29/03/2020)*

*Liu Q, Liu Z, Zhu J, Zhu Y, Li D, Gao Z, et al.*

[Lien original](#)

### Correlation between universal BCG vaccination policy and reduced morbidity and mortality for COVID-19: an epidemiological study

COVID-19 has spread to most countries in the world. Puzzlingly, the impact of the disease is different in different countries. These differences are attributed to differences in cultural norms, mitigation efforts

*medrxiv.org (e-date: 28/03/2020)*

*Miller A, Reandelar M-J, Fasciglione K, Roumenova V, Li Y, Otazu GH.*

[Lien original](#)

### Is scaling-up COVID-19 testing cost-saving?

The World Health Organization currently recommends that governments scale up testing for COVID-19 infection. We performed health economic analyses projecting whether the additional costs from screening would be offset by the avoided costs with hospitalizations. We analysed Portuguese COVID-19 data

*medrxiv.org (e-date: 27/03/2020)*

*Sousa-Pinto B, Fonseca JA, Costa-Pereira A, Rocha-Goncalves FN.*

[Lien original](#)

## DOCUMENTS GOUVERNEMENTAUX [7 documents]

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### Disinfection of environments in healthcare and non-healthcare settings potentially contaminated with SARS-CoV-2 | ECDC

settings potentially contaminated with SARS-CoV-2. ECDC: Stockholm; 2020.

*ecdc.europa.eu (e-date: 27/03/2020)*

[Lien original](#)

### COVID-19 : Mesures de prévention et de contrôle des infections pour les milieux de soins aigus : recommandations intérimaires | INSPQ

Cette fiche présente les mesures de prévention et de contrôle des infections en présence d'un cas probable, sous investigation ou confirmé d'infection au COVID-19 dans un milieu de soins aigus. Différents aspects sont abordés : prise en charge rapide, transport de l'usager hospitalisé et non hospitalisé, protection respiratoire, précautions additionnelles

*inspq.qc.ca (e-date: 27/03/2020)*

[Lien original](#)

### COVID-19 : Mesures de prévention en milieu de travail pour les travailleuses enceintes ou qui allaitent | INSPQ

Les recommandations présentées dans ce document seront mises en place lorsque le directeur national de santé publique du Québec décrètera la transmission communautaire soutenue de la COVID-19 dans la population québécoise. Cette transmission communautaire pourra être décrétée localement, régionalement ou l'échelle de la province.

*inspq.qc.ca (e-date: 27/03/2020)*

INSPQ

[Lien original](#)

### COVID-19 : Recommandations intérimaires pour la protection des travailleurs immunodéprimés | INSPQ

plusieurs politiques restrictives importantes ont été émises par les autorités de santé publique provinciales afin de protéger les populations les plus vulnérables d'une infection par le SARS-CoV-2. Ces politiques incluent entre autres l'interdiction de visites dans les centres de personnes âgées ainsi que le retrait préventif de la travailleuse enceinte dans certains contextes d'exposition

*inspq.qc.ca (e-date: 26/03/2020)*

INSPQ

[Lien original](#)

### COVID-19 : Mesures de prévention et de soutien aux employés | INSPQ

COVID-19 : Mesures de prévention et de soutien aux employés

COVID-19

*inspq.qc.ca (e-date: 25/03/2020)*

INSPQ

[Lien original](#)

### COVID-19 : Mesures de prévention en milieu de travail | INSPQ

Mesures de prévention recommandées pour les milieux de travail dans le contexte de l'actuelle éclosion de COVID-19. Ce document a pour objectif de soutenir leurs interventions dans le cadre des programmes de santé et le traitement des demandes de services des entreprises, en lien avec la COVID-19.

*inspq.qc.ca (e-date: 25/03/2020)*

INSPQ

[Lien original](#)

### COVID-19 : Gestion des employés qui sont des personnes sous investigation, cas probable ou confirmé, contacts ou voyageurs | INSPQ

Compte tenu de la situation actuelle, les travailleurs pourraient avoir reçu des instructions respecter parce qu'ils sont des cas de COVID-19, sont suspects de l'être (sous investigation), ont été exposés au COVID-19 (contacts de cas) ou ont voyagé hors Canada dans les 14 jours précédents. L'investigation et le suivi des cas et

*inspq.qc.ca (e-date: 25/03/2020)*

INSPQ

[Lien original](#)

## NEWS & BLOGS [7 documents]

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### Covid-19: diabetes clinicians set up social media account to help alleviate patients' fears | BMJ

A group of diabetes doctors and other clinicians has set up a social media account to help alleviate patients' fears around covid-19 and provide them with "a secure base" of information.

*bmj.com (e-date: 27/03/2020)*

*Iacobucci G.*

[Lien original](#)

### Covid-19: what do trainees need to know? | BMJ

Sarah Hallett, chair of the BMA junior doctors committee, answers questions on how the covid-19 pandemic might affect trainees

*bmj.com (e-date: 27/03/2020)*

*Pimmer A.*

[Lien original](#)

### Covid-19: Researchers launch app to track spread of symptoms in the UK | BMJ

Nearly 700 000 people signed up in the first 24 hours of the launch of an app to help track the spread of coronavirus across the UK in real time and collect information on the range of self-reported symptoms and the characteristics of those most at risk.

*bmj.com (e-date: 27/03/2020)*

*Mayor S.*

[Lien original](#)

### Guidance needed for singlehanded GPs to deal with covid-19 pandemic | BMJ

Singlehanded GPs are worried about what will happen to their practice patients if they themselves become ill with the covid-19 virus and have to self-isolate, it has emerged.

*bmj.com (e-date: 27/03/2020)*

*O'Dowd A.*

[Lien original](#)

### Covid-19: Over 300 Italian doctors and scientists call for more testing | BMJ

More than 300 Italian doctors and scientists have called on the prime minister, Giuseppe Conte, and local authorities to use their skills and facilities to ramp up RNA testing to identify mild and asymptomatic cases of covid-19, which they have said account for 80% of all cases and are helping to spread the contagion.

*bmj.com (e-date: 27/03/2020)*

*Patertini M.*

[Lien original](#)

### Alimentation, courses, nettoyage : les recommandations de l'Anses [Actualité]

Quelles précautions prendre après avoir fait ses courses ? Faut-il cuire ses aliments pour détruire le virus ? Peut-on manger ses fruits et légumes crus tels quels ?

L'Anses a examiné, sur la base des données scientifiques disponibles, les possibilités de transmission de la maladie Covid-19 par les aliments. Voici ses réponses aux questions les plus fréquentes.

*anses.fr (e-date: 28/03/2020)*

*ANSES*

[Lien original](#)

### What the Cruise-Ship Outbreaks Reveal About COVID-19 | Nature

2020 Mar 26 [Online ahead of print] What the Cruise-Ship Outbreaks Reveal About COVID-19

*pubmed.ncbi.nlm.nih.gov (e-date: 26/03/2020)*

*Mallapaty S.*

[Lien original](#)