

## SOMMAIRE

- ↓ **DOCUMENTS GOUVERNEMENTAUX (36)**
  - ↓ **DOCUMENTS DE PREVENTION (2)**
  - ↓ **BLOGS NEWS (16)**
  - ↓ **PREPRINTS (20)**
  - ↓ **ARTICLES PUBLIES OU IN PRESS (127)**
- .....

## DOCUMENTS GOUVERNEMENTAUX (36)

---

Putting on personal protective equipment (PPE) for non-aerosol generating procedures (AGPs)

*assets.publishing.service.gov.uk (e-date: 23/03/2020)*

[Lien original](#)

When to use a surgical face mask or FFP3 respirator

*assets.publishing.service.gov.uk (e-date: 23/03/2020)*

[Lien original](#)

Coronavirus (COVID-19) À propos [mis à jour le 22/03/2020]

*msss.gouv.qc.ca (e-date: 23/03/2020)*

[Lien original](#)

Healthcare Professionals: Frequently Asked Questions and Answers [mis à jour le 22/03/2020]

See also the general COVID-19 Novel Coronavirus FAQ.

Frequently Asked Questions: Are pregnant healthcare personnel at increased risk for adverse outcomes if they care for patients with COVID-19?

*www.cdc.gov (e-date: 23/03/2020)*

[Lien original](#)

PHE plays crucial role in hunt for COVID-19 vaccine - GOV.UK

PHE plays crucial role in hunt for COVID-19 vaccine

Public Health England (PHE) scientists play a critical role in international efforts to find coronavirus (COVID-19) vaccine.

[www.gov.uk](http://www.gov.uk) (e-date: 23/03/2020)

[Lien original](#)

### New regulations created by Secretary of State for business closure (COVID-19) - GOV.UK

New regulations created by Secretary of State for business closure (COVID-19)

The Secretary of State has made new regulations under the emergency procedure, to protect the public. The Health Protection (Coronavirus, Business Closure) (England) Regulations 2020 came into force at 2pm on 21 March 2020. The following businesses are now required not to sell food or drink for consuming on the premises:

[www.gov.uk](http://www.gov.uk) (e-date: 23/03/2020)

[Lien original](#)

### Proposition de résolution de M. Stéphane Viry et plusieurs de ses collègues reconnaissant l'état de « catastrophe économique » suite au Covid-19

[www.assemblee-nationale.fr](http://www.assemblee-nationale.fr) (e-date: 22/03/2020)

[Lien original](#)

### Evaluating and Testing Persons for Coronavirus Disease 2019 (COVID-19)

Evaluating and Testing Persons for Coronavirus Disease 2019 (COVID-19)

CDC has updated its guidance on what specimens to collect when testing for COVID-19. The latest guidance is available online at Evaluating and Testing Persons for Coronavirus Disease 2019 (COVID-19).

[www.cdc.gov](http://www.cdc.gov) (e-date: 22/03/2020)

[Lien original](#)

### Information for Healthcare Professionals: COVID-19 and Underlying Conditions

Information for Healthcare Professionals: COVID-19 and Underlying Conditions

Patients at higher risk for infection, severe illness, and poorer outcomes from COVID-19 should protect themselves. Guidance for patients includes:

[www.cdc.gov](http://www.cdc.gov) (e-date: 22/03/2020)

[Lien original](#)

### Statement – COVID-19: Multisectoral measures should be evidence-based

Statement – COVID-19: Multisectoral measures should be evidence-based

As far as the African Region is concerned, about six weeks ago, two months ago, we were observing that there were not many cases of coronavirus in the Region. So about 8 days ago we only had 5 African countries with cases. Today, we have 28 African countries that have reported cases. So in the last two weeks we have had an exponential geographical

[www.euro.who.int](http://www.euro.who.int) (e-date: 22/03/2020)

[Lien original](#)

### Statement – We can beat COVID-19 virus through solidarity

Statement – We can beat COVID-19 virus through solidarity

Statement to Diplomatic Missions located in Denmark on COVID-19 by Dr Hans Henri P. Kluge, WHO Regional Director for Europe Copenhagen, 19 March 2020

[www.euro.who.int](http://www.euro.who.int) (e-date: 22/03/2020)

[Lien original](#)

## Statement – COVID-19 epidemic can be pushed back

Statement – COVID-19 epidemic can be pushed back

Statement on COVID-19 in the WHO Western Pacific Region by Dr Takeshi Kasai, WHO Regional Director for the Western Pacific COVID-19 Briefing and Discussion organized by the WHO Regional Office for Europe for the Diplomatic Corps to Denmark 19 March 2020, Manila, the Philippines

[www.euro.who.int](http://www.euro.who.int) (e-date: 22/03/2020)

[Lien original](#)

## Coronavirus (COVID-19) Update: FDA provides update on patient access to certain REMS drugs during COVID-19 public health emergency

Coronavirus (COVID-19) Update: FDA provides update on patient access to certain REMS drugs during COVID-19 public health emergency

Today, as part of the U.S. Food and Drug Administration's ongoing efforts to address the coronavirus pandemic (COVID-19), the agency issued a new guidance to sponsors and healthcare providers regarding certain Risk Evaluation and Mitigation Strategy (REMS)-required testing during this time.

[www.fda.gov](http://www.fda.gov) (e-date: 22/03/2020)

[Lien original](#)

## Coronavirus (COVID-19) Update: FDA Continues to Facilitate Access to Crucial Medical Products, Including Ventilators

Coronavirus (COVID-19) Update: FDA Continues to Facilitate Access to Crucial Medical Products, Including Ventilators

Today, the U.S. Food and Drug Administration took significant action to help increase the availability of ventilators and accessories, as well as other respiratory devices, during the COVID-19 pandemic to support patients with respiratory failure or difficulty breathing.

[www.fda.gov](http://www.fda.gov) (e-date: 22/03/2020)

[Lien original](#)

## Coronavirus (COVID-19): guidance on isolation for residential educational settings - GOV.UK

Coronavirus (COVID-19): guidance on isolation for residential educational settings

You will find advice on managing isolation for individuals or groups, in the event that a child, young person or staff member either shows symptoms of coronavirus (COVID-19), or is confirmed as having the disease.

[www.gov.uk](http://www.gov.uk) (e-date: 22/03/2020)

[Lien original](#)

## COVID-19: guidance on residential care provision [mis à jour le 19/03/2020]

COVID-19: guidance for residential care, supported living and home care

Residential care, supported living and home care in the event of a coronavirus (COVID-19) outbreak.

[www.gov.uk](http://www.gov.uk) (e-date: 22/03/2020)

[Lien original](#)

## COVID-19: guidance on shielding and protecting people defined on medical grounds as extremely vulnerable - GOV.UK

COVID-19: guidance on shielding and protecting people defined on medical grounds as extremely vulnerable

Information for shielding and protecting people defined on medical grounds as extremely vulnerable from COVID-19.

[www.gov.uk](http://www.gov.uk) (e-date: 22/03/2020)

[Lien original](#)

## **Le Haut Conseil de la santé publique et l'expertise relative à la gestion du coronavirus SARS-CoV-2**

Le Haut Conseil de la santé publique et l'expertise relative la gestion du coronavirus SARS-CoV-2  
Le Haut Conseil de la santé publique est mobilisé pour apporter son expertise dans le cadre de la gestion de l'épidémie de coronavirus SARS-CoV-2

[\*www.hcsp.fr\*](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

## **Avis relatif aux critères cliniques de sortie d'isolement des patients ayant été infectés par le SARS-CoV-2**

Coronavirus SARS-CoV-2 : critères cliniques de sortie d'isolement des patients infectés.

Le 11 mars 2020, l'organisation mondiale de la santé déclarait la pandémie mondiale de Covid-19. Depuis le 15 mars la France est au stade 3 de l'épidémie avec une circulation du virus SARS-CoV-2 généralisée sur le territoire.

[\*www.hcsp.fr\*](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

## **Avis relatif à la prise en charge des cas confirmés d'infection au virus SARS-CoV2**

COVID-19 : prise en charge des cas confirmés

Le 30 janvier 2020, l'Organisation mondiale de la santé (OMS) a déclaré que l'épidémie liée au virus SARS-CoV-2 constituait une urgence de santé publique de portée internationale (USPPI). Dans ce contexte, le HCSP émet des recommandations relatives la prise en charge des cas d'infection confirmées au virus

[\*www.hcsp.fr\*](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

## **Avis provisoire : Patients à risque de formes sévères de COVID-19 et priorisation du recours aux tests de diagnostic virologique**

Avis provisoire : Patients risque de formes sévères de COVID-19 et priorisation du recours aux tests de diagnostic virologique

Le 11 mars 2020, l'Organisation mondiale de santé a déclaré la pandémie de Coronavirus COVID-19. La France est actuellement au stade 3 de l'épidémie avec circulation du virus SARS-CoV-2 sur l'ensemble du territoire.

[\*www.hcsp.fr\*](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

## **Avis relatif à la gestion des déchets d'activités de soins (DAS) produits au cours de l'épidémie de Covid-19, en particulier en milieu diffus**

Gestion des déchets d'activités de soins (DAS) produits au cours de l'épidémie de Covid-19, en particulier en milieu diffus

Le Haut Conseil de la santé publique (HCSP) présente les modalités de gestion des déchets d'activité de soins (DAS) produits au cours de l'épidémie de Covid-19, la fois pour les établissements de santé, les professionnels de santé en exercice libéral et les personnes infectées ou susceptibles de l'être, maintenues domicile.

[\*www.hcsp.fr\*](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

## **Avis relatif à la réduction du risque de transmission du SARS-CoV-2 par la ventilation et à la gestion des effluents des patients COVID-19**

Réduction du risque de transmission du coronavirus SARS-CoV-2 par la ventilation et gestion des effluents des patients

Le Haut Conseil de la santé publique (HCSP) a examiné les risques de transmission du SARS-CoV-2 par la ventilation dans les bâtiments en milieu de soin et domicile. Il n'existe pas d'études prouvant une transmission interhumaine du virus par des aérosols sur de longues distances. Le HCSP

[www.hcsp.fr](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

### Avis complémentaire. Sécurisation des dons de sang, cellules, tissus et organes en période de circulation active du SARS-CoV-2

Sécurisation des dons de sang, cellules, tissus et organes en période de circulation active du SARS-CoV-2

Le 11 mars, l'Organisation mondiale de la santé déclarait la pandémie de COVID-19. La France est désormais au stade 3 de l'épidémie. Dans ce contexte, la sécurisation des produits du corps humain constitue une priorité. Concernant les produits sanguins labiles (PSL), il s

[www.hcsp.fr](http://www.hcsp.fr) (e-date: 22/03/2020)

[Lien original](#)

### Questionnaire d'auto-évaluation

[esante.gouv.fr](http://esante.gouv.fr) (e-date: 21/03/2020)

[Lien original](#)

### L'Anses face au coronavirus

L'Anses face au coronavirus

Face la situation exceptionnelle générée par le COVID-19, l'Anses adapte son organisation pour continuer d'assurer ses missions de sécurité sanitaire tout en contribuant l'effort général de limitation des contacts entre les personnes. Les activit

[www.anses.fr](http://www.anses.fr) (e-date: 21/03/2020)

[Lien original](#)

### Frequently Asked Questions about Laboratory Biosafety and SARS-CoV-2

Frequently Asked Questions about Laboratory Biosafety and SARS-CoV-2

âç Laboratory biosafety guidance related to the novel coronavirus (2019-nCoV) pdf icon external icon

[www.cdc.gov](http://www.cdc.gov) (e-date: 21/03/2020)

[Lien original](#)

### Download today's data on the geographic distribution of COVID-19 cases worldwide

Download today's data on the geographic distribution of COVID-19 cases worldwide

The downloadable data file is updated daily and contains the latest available public data on COVID-19. Public-use data files allows users to manipulate the data in a format appropriate for their analyses. Users of ECDC public-use data files must comply with data use restrictions to ensure that the information

[www.ecdc.europa.eu](http://www.ecdc.europa.eu) (e-date: 21/03/2020)

[Lien original](#)

### Coronavirus (COVID-19) Update: FDA Issues first Emergency Use Authorization for Point of Care Diagnostic

Coronavirus (COVID-19) Update: FDA Issues first Emergency Use Authorization for Point of Care Diagnostic

Today, the U.S. Food and Drug Administration issued the first emergency use authorization for a point-of-care COVID-19 diagnostic for the Cepheid Xpert Xpress SARS-CoV-2 test.

[www.fda.gov](http://www.fda.gov) (e-date: 21/03/2020)

[Lien original](#)

### COVID-19: guidance for educational settings [Mis à jour le 20/03/2020]

COVID-19: guidance for educational settings

Guidance for schools and other educational settings in providing advice about the novel coronavirus, COVID-19.

[www.gov.uk](#) (e-date: 21/03/2020)

[Lien original](#)

### COVID-19: evaluation of commercially available diagnostic products - GOV.UK

COVID-19: evaluation of commercially available diagnostic products

Information on how Public Health England (PHE) is evaluating the various commercially available COVID-19 diagnostics products.

[www.gov.uk](#) (e-date: 21/03/2020)

[Lien original](#)

### COVID-19: guidance for supported living provision [mis à jour le 19/03/2020]

*Public Health England (e-date: 23/03/2020)*

[Lien original](#)

### COVID-19: guidance on home care provision [mis à jour le 19/03/2020]

*Public Health England (e-date: 23/03/2020)*

[Lien original](#)

### Taking off personal protective equipment (PPE) for non-aerosol generating procedures (AGPS)

*Public Health England (e-date: 23/03/2020)*

[Lien original](#)

### New technology challenge to support people who are isolating

[www.gov.uk](#) (e-date: 23/03/2020)

[Lien original](#)

### Nouveau coronavirus : informations pour les professionnels de la santé

*Office fédéral de la santé publique OFSP (e-date: 23/03/2020)*

[Lien original](#)

[Sommaire](#)

## DOCUMENTS DE PREVENTION (2)

---

### COVID-19: guidance for households with possible coronavirus infection [disponible dans plusieurs langues]

COVID-19: guidance for households with possible coronavirus infection

Stay at home guidance for households with possible coronavirus (COVID-19) infection.

[www.gov.uk](#) (e-date: 21/03/2020)

[Lien original](#)

**Voici comment nous protéger [site grand public Suisse]**

OFSP (e-date: 23/03/2020)

[Lien original](#)

[Sommaire](#)

## BLOGS NEWS (16)

---

### Global COVID-19 total tops 300,000; FDA OKs rapid test

Global COVID-19 total tops 300,000; FDA OKs rapid test

The global number of COVID-19 cases topped 300,000 today, with numbers soaring in western Europe and pandemic activity heating up in North America and other parts of the world

[www.cidrap.umn.edu](http://www.cidrap.umn.edu) (e-date: 22/03/2020)

[Lien original](#)

### Hospitals scramble to keep up with CDC N95, mask guidance

Yesterday the Centers for Disease Control and Prevention updated, for the second time in a week, guidance for healthcare workers on using face masks, including N95 respirators and surgical masks, while treating possible COVID-19 patients in conventional, contingency, and crisis settings.

"In settings where facemasks are not available, HCP might use homemade masks (e.g., bandana, scarf) for care of patients with COVID-19 as a last resort. However, homemade masks are not considered PPE [personal protective equipment], since their capability to protect [healthcare professionals] is unknown," the CDC said. "Caution should

[www.cidrap.umn.edu](http://www.cidrap.umn.edu) (e-date: 22/03/2020)

[Lien original](#)

### Covid-19: The role of smoking cessation during respiratory virus epidemics - The BMJ

Covid-19: The role of smoking cessation during respiratory virus epidemics

The growing epidemic of the respiratory virus covid-19 has been accompanied by public health messages focusing on how to best reduce the spread of the causative agent, SARS-CoV-2. So far, public health efforts have tended to emphasise key health behaviours such

[blogs.bmj.com](https://blogs.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

### Lessons from the frontline of the covid-19 outbreak - The BMJ

Lessons from the frontline of the covid-19 outbreak

The NHS is at the forefront of the UK's response to the covid-19 outbreak. Hospitals are already being overwhelmed with cases of suspected and confirmed covid-19 infection, with clinicians struggling to keep up with the variety of presentations and symptoms—from non

[blogs.bmj.com](https://blogs.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

### Daniel Sokol: The life and death decisions of covid-19 - The BMJ

Daniel Sokol: The life and death decisions of covid-19

Sir Patrick Vallance, the UK government's chief scientific adviser, explained on 18 March that the aim of the various covid-19 measures is to ensure that the NHS's intensive care capacity is not breached.

[blogs.bmj.com](https://blogs.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

## Andy Cowper: Covid-19—government communications need to build and sustain trust - The BMJ

The UK government's communications on the covid-19 pandemic have been a masterclass in how not to do things, writes Andy Cowper

Three word slogans are very much a thing in our recent politics: from taking back control in the EU referendum, to get Brexit done in the 2019 general election. Now the covid-19 pandemic brings us whatever it takes. That is the theme running through the additional package of economic measures announced by the chancellor of the exchequer Rishi Sunak in the wake of his budget

*blogs.bmj.com (e-date: 21/03/2020)*

[Lien original](#)

## Sharon Cox: Risky smoking practices and the coronavirus: A deadly mix for our most vulnerable smokers - The BMJ

Sharon Cox: Risky smoking practices and the coronavirus: A deadly mix for our most vulnerable smokers

Coronavirus is on the rise, both the incidence and the distribution of the virus are growing across the UK, Europe and similarly in the US. Rates of illness and death from China, the worst affected area, are testament

*blogs.bmj.com (e-date: 21/03/2020)*

[Lien original](#)

## Mitigating the impact of covid-19 on vulnerable migrants - The BMJ

Mitigating the impact of covid-19 on vulnerable migrants

Stephen Bradley, Helen Barclay, and Rebecca Farrington share advice on caring for vulnerable migrants during the upheaval the covid-19 pandemic will bring

*blogs.bmj.com (e-date: 21/03/2020)*

[Lien original](#)

## Covid-19: schools set to close across UK except for children of health and social care workers

News Covid-19: schools set to close across UK except for children of health and social care workers BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1140> (Published 19 March 2020) Cite this as: BMJ 2020;368:m1140

Speaking at the daily briefing, Johnson said, "By looking after the children of key workers, school staff will be a critical part of our fight against coronavirus."

*www.bmj.com (e-date: 21/03/2020)*

[Lien original](#)

## Covid-19: medical students to be employed by NHS as part of epidemic response

News Exclusive Covid-19: medical students to be employed by NHS as part of epidemic response BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1156> (Published 20 March 2020) Cite this as: BMJ 2020;368:m1156

Medical students could soon be employed in various roles in the NHS, depending on their skill set, to help with the response to covid-19, as part of schemes being developed by NHS trusts and medical schools.

*www.bmj.com (e-date: 21/03/2020)*

[Lien original](#)

## Covid-19: UK government calls on industry to help boost testing capacity to 25 000 people a day

News Covid-19: UK government calls on industry to help boost testing capacity to 25 000 people a day BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1118> (Published 19 March 2020) Cite this



as: BMJ 2020;368:m1118

As many as 25 000 people a day will be tested for covid-19 in NHS hospitals within weeks in a push to increase capacity, the government has said.

[www.bmj.com](http://www.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

### **Covid-19: 15 000 deregistered doctors are told, "Your NHS needs you"**

News Covid-19: 15 000 deregistered doctors are told, "Your NHS needs you" BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1152> (Published 20 March 2020) Cite this as: BMJ 2020;368:m1152

The UK government plans to bring a Coronavirus Bill before parliament with sweeping powers to deal with the covid-19 pandemic, including putting retired doctors and final year medical students to work.

[www.bmj.com](http://www.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

### **Covid-19: experts question the evidence behind closing London Underground and city metros during the pandemic**

News Covid-19: experts question the evidence behind closing London Underground and city metros during the pandemic BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1154> (Published 20 March 2020) Cite this as: BMJ 2020;368:m1154

City metro systems, including the London Underground, are heeding government advice and reducing services to cope with all but essential travel to help slow the spread of covid-19 in major UK centres. But experts are questioning the need to shut down services completely.

[www.bmj.com](http://www.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

### **Covid-19: GPs can stop health checks for over 75s and routine medicine reviews**

News Covid-19: GPs can stop health checks for over 75s and routine medicine reviews BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1157> (Published 20 March 2020) Cite this as: BMJ 2020;368:m1157

GPs can stop or postpone some routine work to free them up to deal with covid-19, NHS England and NHS Improvement has said.

[www.bmj.com](http://www.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

### **As Italy COVID-19 cases soar, WHO tackles PPE, test shortages**

As Italy COVID-19 cases soar, WHO tackles PPE, test shortages

Italy today reported a staggering number of new COVID-19 cases—nearly 6,000—along with hundreds more deaths, putting the pandemic's death count past the 10,000 mark, and the head of the World Health Organization (WHO) today said efforts are under way to address the collapse of the personal protective equipment market.

[www.cidrap.umn.edu](http://www.cidrap.umn.edu) (e-date: 21/03/2020)

[Lien original](#)

### **Covid-19 : comment sont conçus les modèles des épidémies ?**

Covid-19 : comment sont conçus les modèles des épidémies ?

Avec la crise du coronavirus Covid-19, tout le monde scrute avec inquiétude et espoir les projections concernant l'évolution de l'épidémie. Trois experts nous éclairent sur la science derrière ces modèles et les précautions prendre concernant leurs interprétations.

[lejournel.cnrs.fr](http://lejournel.cnrs.fr) (e-date: 21/03/2020)

[Lien original](#)

# PREPRINTS (20)

---

## Antibody responses to SARS-CoV-2 in COVID-19 patients: the perspective application of serological tests in clinical practice

Antibody responses to SARS-CoV-2 in COVID-19 patients: the perspective application of serological tests in clinical practice

Background We aim to investigate the profile of acute antibody response in COVID-19 patients, and provide proposals for the usage of antibody test in clinical practice. Methods A multi-center cross-section study (285 patients) and a single-center follow-up study (63 patients) were performed

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 23/03/2020)

[Lien original](#)

## Non-severe vs severe symptomatic COVID-19: 104 cases from the outbreak on the cruise ship “Diamond Princess” in Japan

Non-severe vs severe symptomatic COVID-19: 104 cases from the outbreak on the cruise ship “Diamond Princess” in Japan

Background The ongoing outbreak of 2019 novel coronavirus disease (COVID-19) is a global threat. Clarifying its clinical features such as risk factors for disease progression is a pressing issue. We analyzed the difference between non-severe and severe cases

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 23/03/2020)

[Lien original](#)

## Favipiravir versus Arbidol for COVID-19: A Randomized Clinical Trial

Favipiravir versus Arbidol for COVID-19: A Randomized Clinical Trial

Importance: WHO has made the assessment that coronavirus disease 2019 (COVID-19) can be characterized as a pandemic. But there is no effective antiviral drug for COVID-19 so far. Objective: To compare the efficacy and safety of favipiravir and arbidol to treat

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 23/03/2020)

[Lien original](#)

## Comparative analyses of SAR-CoV2 genomes from different geographical locations and other coronavirus family genomes reveals unique features potentially consequential to host-virus interaction and pathogenesis

Comparative analyses of SAR-CoV2 genomes from different geographical locations and other coronavirus family genomes reveals unique features potentially consequential to host-virus interaction and pathogenesis

The ongoing pandemic of the coronavirus disease 2019 (COVID-19) is an infectious disease caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV2). We have performed an integrated sequence-based analysis of SARS-CoV2 genomes from different

[www.biorxiv.org](http://www.biorxiv.org) (e-date: 22/03/2020)

[Lien original](#)

## Building a COVID-19 Vulnerability Index

Building a COVID-19 Vulnerability Index

COVID-19 is an acute respiratory disease that has been classified as a pandemic by the World Health Organization. Information regarding this particular disease is limited, however, it is known to have high mortality

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 22/03/2020)

[Lien original](#)

## Scientometric Trends for Coronaviruses and Other Emerging Viral

## Infections

COVID-19 is the most rapidly expanding coronavirus outbreak in the past two decades. To provide a swift response to a novel outbreak, prior knowledge from similar outbreaks is essential. Here, we study the volume

[www.biorxiv.org](http://www.biorxiv.org) (e-date: 21/03/2020)

[Lien original](#)

## Reverse transcription loop-mediated isothermal amplification combined with nanoparticles-based biosensor for diagnosis of COVID-19

Reverse transcription loop-mediated isothermal amplification combined with nanoparticles-based biosensor for diagnosis of COVID-19

Given the scale and rapid spread of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2, known as 2019-nCoV) infection (COVID-19), the ongoing global SARS-CoV-2 outbreak has become a huge public health issue. Rapid and precise diagnostic methods are thus immediately needed for diagnosing

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

## A brief review of antiviral drugs evaluated in registered clinical trials for COVID-19

A brief review of antiviral drugs evaluated in registered clinical trials for COVID-19

Background: Although a number of antiviral agents have been evaluated for coronaviruses there are no approved drugs available. To provide an overview of the landscape of therapeutic research for COVID-19, we conducted a review of registered clinical trials. Methods: A review of currently registered clinical trials was performed on registries, including the Chinese (chictr.org.cn) and US (clinicaltrials

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

## SARS-CoV-2 specific antibody responses in COVID-19 patients

SARS-CoV-2 specific antibody responses in COVID-19 patients

A new coronavirus, SARS-CoV-2, has recently emerged to cause a human pandemic. Whereas molecular diagnostic tests were rapidly developed, serologic assays are still lacking, yet urgently needed. Validated serologic assays

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

## Estimating the Risks from COVID-19 Infection in Adult Chemotherapy Patients

Estimating the Risks from COVID-19 Infection in Adult Chemotherapy Patients

The SARS-CoV-2 (COVID-19) novel coronavirus represents a significant health risk, particularly in older patients. Cancer is one of the leading causes of death in most rich countries, and delivering chemotherapy may be associated

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

## Pandemic dynamics of COVID-19 using epidemic stage, instantaneous reproductive number and pathogen genome identity (GENI) score: modeling molecular epidemiology

Pandemic dynamics of COVID-19 using epidemic stage, instantaneous reproductive number and pathogen genome identity (GENI) score: modeling molecular epidemiology

Background: Global spread of COVID-19 created an unprecedented infectious disease crisis that progressed to a pandemic with >180,000 cases in >100 countries. Reproductive number (R) is an outbreak metric estimating the transmission of a

## Comparison of the coronavirus pandemic dynamics in Europe, USA and South Korea

Comparison of the coronavirus pandemic dynamics in Europe, USA and South Korea

The pandemic caused by coronavirus COVID-19 is of great concern. A detailed scientific analysis of this phenomenon is still to come, but now it is urgently needed to evaluate the disease dynamics in order to organize the appropriate quarantine

## PREDICTING THE EVOLUTION OF COVID-19 IN PORTUGAL USING AN ADAPTED SIR MODEL PREVIOUSLY USED IN SOUTH KOREA FOR THE MERS OUTBREAK

PREDICTING THE EVOLUTION OF COVID-19 IN PORTUGAL USING AN ADAPTED SIR MODEL PREVIOUSLY USED IN SOUTH KOREA FOR THE MERS OUTBREAK

Since original reports in Wuhan, China, the new coronavirus covid-19 has spread very quickly worldwide, leading the World Health Organization (WHO) to declare a state of pandemic. Moreover, as of the 13th of March 2020, the WHO has announced that the European continent

## Incidence, clinical characteristics and prognostic factor of patients with COVID-19: a systematic review and meta-analysis

Incidence, clinical characteristics and prognostic factor of patients with COVID-19: a systematic review and meta-analysis

Background: Recently, Coronavirus Disease 2019 (COVID-19) outbreak started in Wuhan, China. Although the clinical features of COVID-19 have been reported previously, data regarding the risk factors associated with the clinical outcomes are

## Effect of continuous renal replacement therapy on all-cause mortality in COVID-19 patients undergoing invasive mechanical ventilation: a retrospective cohort study

Effect of continuous renal replacement therapy on all-cause mortality in COVID-19 patients undergoing invasive mechanical ventilation: a retrospective cohort study

Background: Since December 2019, when coronavirus disease 2019 (COVID 19) emerged in Wuhan and rapidly spread throughout the world, critically ill patients have a high mortality rate. We aimed to assess the effect of continuous renal replacement therapy

## Tracing DAY-ZERO and Forecasting the Fade out of the COVID-19 Outbreak in Lombardy, Italy: A Compartmental Modelling and Numerical Optimization Approach.

Tracing DAY-ZERO and Forecasting the Fade out of the COVID-19 Outbreak in Lombardy, Italy: A Compartmental Modelling and Numerical Optimization Approach.

Since the first suspected cluster of cases of coronavirus disease-2019 (COVID-19) on December 1st, 2019, in Wuhan, Hubei Province, China, a total of 195,892 confirmed infected cases, 80,840 recovered and 7,865 deaths have been reported worldwide up to March 16

### Response and role of palliative care during the COVID-19 pandemic: a national telephone survey of hospices in Italy

Response and role of palliative care during the COVID-19 pandemic: a national telephone survey of hospices in Italy

component of healthcare in pandemics, contributing to symptom control, psychological support, and supporting triage and complex decision making. Aim To examine preparedness for, and impact of, the COVID-19 pandemic on hospices in Italy to inform the response in other countries. Design Cross-sectional telephone survey, carried out in March 2020. Setting Sixteen Italian hospices, purposively sampled according

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

### Preliminary evidence that higher temperatures are associated with lower incidence of COVID-19, for cases reported globally up to 29th February 2020

Preliminary evidence that higher temperatures are associated with lower incidence of COVID-19, for cases reported globally up to 29th February 2020

Seasonal variation in COVID-19 incidence could impact the trajectory of the pandemic. Using global line-list data on COVID-19 cases reported until 29th February 2020 and global gridded temperature data, and after adjusting for surveillance

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

### Data-driven discovery of clinical routes for severity detection in COVID-19 pediatric cases

Data-driven discovery of clinical routes for severity detection in COVID-19 pediatric cases

The outbreak of COVID-19 epidemic has caused worldwide health concerns since Nov., 2019. A previous study described the demographic, epidemiologic, and clinical features for infected infants. However, compared with adult cases

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

### Estimating Spot Prevalence of COVID-19 from Daily Death Data in Italy

Estimating Spot Prevalence of COVID-19 from Daily Death Data in Italy

COVID-19 like many infectious diseases has a variable severity. Due to limited testing capacity for new virus, the majority of infected showing mild or no symptoms it is likely current prevalence data is an underestimate

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 21/03/2020)

[Lien original](#)

[Sommaire](#)

## ARTICLES PUBLIES OU IN PRESS (127)

---

### Mass gathering events and reducing further global spread of COVID-19: a political and public health dilemma

Mass gathering events and reducing further global spread of COVID-19: a political and public health dilemma

The coronavirus disease 2019 (COVID-19) pandemic

[www.thelancet.com](http://www.thelancet.com) (e-date: 22/03/2020)

[Lien original](#)

## Challenges for NHS hospitals during covid-19 epidemic

Editorials Challenges for NHS hospitals during covid-19 epidemic BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1117> (Published 20 March 2020) Cite this as: BMJ 2020;368:m1117

of every aspect of care by all clinical and non-clinical departments in the UK's NHS is being reassessed and fundamentally reorganised in the expectation of an imminent surge of patients with covid-19.1 Modelling of the outbreak assumes an infection fatality ratio of 0.9% and a hospital admission rate of 4.4%, with 30% of those admitted requiring critical care or extracorporeal membrane oxygenation

[www.bmj.com](http://www.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

## Covid-19: control measures must be equitable and inclusive

Editorials Covid-19: control measures must be equitable and inclusive BMJ 2020 ; 368 doi: <https://doi.org/10.1136/bmj.m1141> (Published 20 March 2020) Cite this as: BMJ 2020;368:m1141

The global spread of covid-19 has generated aggressive medical and public health responses, including testing, screening, contact tracing, social distancing, travel restrictions, and orders to stay at home when sick or exposed.1

[www.bmj.com](http://www.bmj.com) (e-date: 21/03/2020)

[Lien original](#)

## Early Release - Early Introduction of Severe Acute Respiratory Syndrome Coronavirus 2 into Europe

Early Introduction of Severe Acute Respiratory Syndrome Coronavirus 2 into Europe

A novel coronavirus, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), associated with severe respiratory illness emerged in Wuhan, China, in late 2019 (1). Epidemiologic data indicate that the virus can cause a wide

[wwwnc.cdc.gov](http://wwwnc.cdc.gov) (e-date: 21/03/2020)

[Lien original](#)

## Early Release - Rhabdomyolysis as Potential Late Complication Associated with COVID-19

Rhabdomyolysis as Potential Late Complication Associated with COVID-19

Recently, the outbreak of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection in Wuhan, China, has attracted great attention worldwide (1). SARS-CoV-2, the cause of 2019 novel coronavirus disease (COVID-19), belongs to the  $\beta$ -coronavirus family, which also includes 2 other

[wwwnc.cdc.gov](http://wwwnc.cdc.gov) (e-date: 21/03/2020)

[Lien original](#)

[Sommaire](#)

- [1] COVID-19 (Coronavirus). *Lymphat Res Biol*. 2020.  
<https://doi.org/10.1089/lrb.2020.29084.cov>
- [2] COVID-19, Australia: *Epidemiology Report 7* (Reporting week ending 19:00 AEDT 14 March 2020). *Commun Dis Intell* (2018). 2020;44.  
<https://doi.org/10.33321/cdi.2020.44.23>
- [3] EMS to stop during coronavirus outbreak. *Vet Rec*. 2020;186(11):334.  
<https://doi.org/10.1136/vr.m1122>
- [4] Abdi M. Coronavirus disease 2019 (COVID-19) outbreak in Iran; actions and problems. *Infect Control Hosp Epidemiol*. 2020:1-5.  
<https://doi.org/10.1017/ice.2020.86>
- [5] Agyeman AA, Laar A, Ofori-Asenso R. Will COVID-19 be a litmus test for post-Ebola Sub-Saharan Africa? *J Med Virol*. 2020.  
<https://doi.org/10.1002/jmv.25780>
- [6] Alderman C. Pharmacy Services and the Novel Coronavirus. *Sr Care Pharm*. 2020;35(4):146-7.  
<https://doi.org/10.4140/TCP.n.2020.146>
- [7] Basile C, Combe C, Pizzarelli F, Covic A, Davenport A, Kanbay M, et al. Recommendations for the prevention, mitigation and containment of the emerging SARS-CoV-2 (COVID-19) pandemic in haemodialysis centres. *Nephrol Dial Transplant*. 2020.  
<https://doi.org/10.1093/ndt/gfaa069>
- [8] Baud D, Giannoni E, Pomar L, Qi X, Nielsen-Saines K, Musso D, et al. COVID-19 in pregnant women - Authors' reply. *Lancet Infect Dis*. 2020.  
[https://doi.org/10.1016/s1473-3099\(20\)30192-4](https://doi.org/10.1016/s1473-3099(20)30192-4)
- [9] Bowdle A, Munoz-Price LS. Preventing Infection of Patients and Healthcare Workers Should Be the New Normal in the Era of Novel Coronavirus Epidemics. *Anesthesiology*. 2020.  
<https://doi.org/10.1097/aln.0000000000003295>
- [10] Buonsenso D, Piano A, Raffaelli F, Bonadia N, de Gaetano Donati K, Franceschi F. Point-of-Care Lung Ultrasound findings in novel coronavirus disease-19 pneumoniae: a case report and potential applications during COVID-19 outbreak. *Eur Rev Med Pharmacol Sci*. 2020;24(5):2776-80.  
[https://doi.org/10.26355/eurrev\\_202003\\_20549](https://doi.org/10.26355/eurrev_202003_20549)
- [11] Ceccarelli M, Berretta M, Venanzi Rullo E, Nunnari G, Cacopardo B. Differences and similarities between Severe Acute Respiratory Syndrome (SARS)-CoronaVirus (CoV) and SARS-CoV-2. Would a rose by another name smell as sweet? *Eur Rev Med Pharmacol Sci*. 2020;24(5):2781-3.  
[https://doi.org/10.26355/eurrev\\_202003\\_20551](https://doi.org/10.26355/eurrev_202003_20551)
- [12] Chan JYK, Wong EWY, Lam W. Practical Aspects of Otolaryngologic Clinical Services During the 2019 Novel Coronavirus Epidemic: An Experience in Hong Kong. *JAMA Otolaryngol Head Neck Surg*. 2020.  
<https://doi.org/10.1001/jamaoto.2020.0488>
- [13] Chan MC, Yeo SEK, Chong YL, Lee YM. Stepping Forward: Urologists' Efforts During the COVID-19 Outbreak in Singapore. *Eur Urol*. 2020.  
<https://doi.org/10.1016/j.eururo.2020.03.004>
- [14] Chen D, Yang H, Cao Y, Cheng W, Duan T, Fan C, et al. Expert consensus for managing pregnant women and neonates born to mothers with suspected or confirmed novel coronavirus (COVID-19) infection. *Int J Gynaecol Obstet*. 2020.  
<https://doi.org/10.1002/ijgo.13146>
- [15] Chen X, Liu Y, Gong Y, Guo X, Zuo M, Li J, et al. Perioperative Management of Patients Infected with the Novel Coronavirus: Recommendation from the Joint Task Force of the Chinese Society of Anesthesiology and the Chinese Association of Anesthesiologists. *Anesthesiology*. 2020.



<https://doi.org/10.1097/aln.0000000000003301>

[16] Chen YW, Yiu CB, Wong KY. Prediction of the SARS-CoV-2 (2019-nCoV) 3C-like protease (3CL (pro)) structure: virtual screening reveals velpatasvir, ledipasvir, and other drug repurposing candidates. *F1000Res*. 2020;9:129.

<https://doi.org/10.12688/f1000research.22457.1>

[17] Choe YJ, Choi EH. Are We Ready for Coronavirus Disease 2019 Arriving at Schools? *J Korean Med Sci*. 2020;35(11):e127.

<https://doi.org/10.3346/jkms.2020.35.e127>

[18] Cohen J, Kupferschmidt K. Countries test tactics in 'war' against COVID-19. *Science*. 2020;367(6484):1287-8.

<https://doi.org/10.1126/science.367.6484.1287>

[19] Cong B. Academician Cong Bin: Autopsy of SARS-CoV-2 infection is needed to be strengthened. *Fa Yi Xue Za Zhi*. 2020;36(1):4-5.

<https://doi.org/10.12116/j.issn.1004-5619.2020.01.002>

[20] Cowling BJ, Aiello A. Public health measures to slow community spread of COVID-19. *J Infect Dis*. 2020.

<https://doi.org/10.1093/infdis/jiaa123>

[21] D'Antiga L. Coronaviruses and immunosuppressed patients. The facts during the third epidemic. *Liver Transpl*. 2020.

<https://doi.org/10.1002/lt.25756>

[22] Deng Y, Lei L, Chen Y, Zhang W. The potential added value of FDG PET/CT for COVID-19 pneumonia. *Eur J Nucl Med Mol Imaging*. 2020.

<https://doi.org/10.1007/s00259-020-04767-1>

[23] Desai AN, Patel P. Stopping the Spread of COVID-19. *JAMA*. 2020.

<https://doi.org/10.1001/jama.2020.4269>

[24] Dewey C, Hingle S, Goelz E, Linzer M. Supporting Clinicians During the COVID-19 Pandemic. *Ann Intern Med*. 2020.

<https://doi.org/10.7326/m20-1033>

[25] Ding Q, Lu P, Fan Y, Xia Y, Liu M. The clinical characteristics of pneumonia patients co-infected with 2019 novel coronavirus and influenza virus in Wuhan, China. *J Med Virol*. 2020.

<https://doi.org/10.1002/jmv.25781>

[26] Dong X, Cao YY, Lu XX, Zhang JJ, Du H, Yan YQ, et al. Eleven Faces of Coronavirus Disease 2019. *Allergy*. 2020.

<https://doi.org/10.1111/all.14289>

[27] Duan Y, Zhu HL, Zhou C. Advance of promising targets and agents against 2019-nCoV in China. *Drug Discov Today*. 2020.

<https://doi.org/10.1016/j.drudis.2020.02.011>

[28] El Zowalaty ME, Järhult JD. From SARS to COVID-19: A previously unknown SARS- related coronavirus (SARS-CoV-2) of pandemic potential infecting humans - Call for a One Health approach. *One Health*. 2020;9:100124.

<https://doi.org/10.1016/j.onehlt.2020.100124>

[29] Esler M, Esler D. Can angiotensin receptor-blocking drugs perhaps be harmful in the COVID-19 pandemic? *J Hypertens*. 2020.

<https://doi.org/10.1097/hjh.0000000000002450>



- [30] Fedson DS, Opal SM, Rordam OM. Hiding in Plain Sight: an Approach to Treating Patients with Severe COVID-19 Infection. *mBio*. 2020;11(2).  
<https://doi.org/10.1128/mBio.00398-20>
- [31] FitzGerald GA. Misguided drug advice for COVID-19. *Science*. 2020.  
<https://doi.org/10.1126/science.abb8034>
- [32] Geldsetzer P. Knowledge and Perceptions of COVID-19 Among the General Public in the United States and the United Kingdom: A Cross-sectional Online Survey. *Ann Intern Med*. 2020.  
<https://doi.org/10.7326/m20-0912>
- [33] Giani M, Seminati D, Lucchini A, Foti G, Pagni F. Exuberant plasmocytosis in bronchoalveolar lavage of the first patient requiring Extracorporeal Membrane Oxygenation for SARS-CoV-2 in Europe. *J Thorac Oncol*. 2020.  
<https://doi.org/10.1016/j.jtho.2020.03.008>
- [34] Greenland JR, Michelow MD, Wang L, London MJ. COVID-19 Infection: Implications for Perioperative and Critical Care Physicians. *Anesthesiology*. 2020.  
<https://doi.org/10.1097/aln.0000000000003303>
- [35] Gross A, Thiemig D, Koch FW, Schwarz M, Gläser S, Albrecht T. CT appearance of severe, laboratory-proven coronavirus disease 2019 (COVID-19) in a Caucasian patient in Berlin, Germany. *Rofo*. 2020.  
<https://doi.org/10.1055/a-1138-8783>
- [36] Guan L, Zhou L, Zhang J, Peng W, Chen R. More awareness is needed for severe acute respiratory syndrome coronavirus 2019 transmission through exhaled air during non-invasive respiratory support: experience from China. *Eur Respir J*. 2020;55(3).  
<https://doi.org/10.1183/13993003.00352-2020>
- [37] Guillen E, Pineiro GJ, Revuelta I, Rodriguez D, Bodro M, Moreno A, et al. Case report of COVID-19 in a kidney transplant recipient: Does immunosuppression alter the clinical presentation? *Am J Transplant*. 2020.  
<https://doi.org/10.1111/ajt.15874>
- [38] Guo L, Ren L, Yang S, Xiao M, Chang D, Yang F, et al. Profiling Early Humoral Response to Diagnose Novel Coronavirus Disease (COVID-19). *Clinical Infectious Diseases*. 2020.  
<https://doi.org/10.1093/cid/ciaa310>
- [39] Hackbart M, Deng X, Baker SC. Coronavirus endoribonuclease targets viral polyuridine sequences to evade activating host sensors. *Proc Natl Acad Sci U S A*. 2020.  
<https://doi.org/10.1073/pnas.1921485117>
- [40] Hanley B, Lucas SB, Youd E, Swift B, Osborn M. Autopsy in suspected COVID-19 cases. *J Clin Pathol*. 2020.  
<https://doi.org/10.1136/jclinpath-2020-206522>
- [41] Hunter DJ. Covid-19 and the Stiff Upper Lip - The Pandemic Response in the United Kingdom. *The New England journal of medicine*. 2020.  
<https://doi.org/10.1056/NEJMp2005755>
- [42] Ianiro G, Mullish BH, Kelly CR, Sokol H, Kassam Z, Ng S, et al. Screening of faecal microbiota transplant donors during the COVID-19 outbreak: suggestions for urgent updates from an international expert panel. *Lancet Gastroenterol Hepatol*. 2020.  
[https://doi.org/10.1016/s2468-1253\(20\)30082-0](https://doi.org/10.1016/s2468-1253(20)30082-0)
- [43] Jazieh AR, Alenazi TH, Alhejazi A, Al Safi F, Al Olayan A. Outcome of Oncology Patients Infected With Coronavirus. *JCO Glob Oncol*. 2020;6:471-5.  
<https://doi.org/10.1200/go.20.00064>

- [44] Jee Y. WHO IHR Emergency Committee for the COVID-19 Outbreak. *Epidemiol Health*. 2020:e2020013.  
<https://doi.org/10.4178/epih.e2020013>
- [45] Kar P. Partha Kar: Covid-19-we must keep faith in our experts. *BMJ*. 2020;368:m1143.  
<https://doi.org/10.1136/bmj.m1143>
- [46] Kharasch ED, Jiang Y. Novel Coronavirus 2019 and Anesthesiology. *Anesthesiology*. 2020.  
<https://doi.org/10.1097/aln.0000000000003302>
- [47] Kinner SA, Young JT, Snow K, Southalan L, Lopez-Acuña D, Ferreira-Borges C, et al. Prisons and custodial settings are part of a comprehensive response to COVID-19. *The Lancet Public health*. 2020.  
[https://doi.org/10.1016/s2468-2667\(20\)30058-x](https://doi.org/10.1016/s2468-2667(20)30058-x)
- [48] Kliger AS, Silberzweig J. Mitigating Risk of COVID-19 in Dialysis Facilities. *Clin J Am Soc Nephrol*. 2020.  
<https://doi.org/10.2215/cjn.03340320>
- [49] Koh GC, Hoenig H. How Should the Rehabilitation Community Prepare for 2019-nCoV? *Arch Phys Med Rehabil*. 2020.  
<https://doi.org/10.1016/j.apmr.2020.03.003>
- [50] Koonin LM, Pillai S, Kahn EB, Moulia D, Patel A. Strategies to Inform Allocation of Stockpiled Ventilators to Healthcare Facilities During a Pandemic. *Health Secur*. 2020.  
<https://doi.org/10.1089/hs.2020.0028>
- [51] Kuster GM, Pfister O, Burkard T, Zhou Q, Twerenbold R, Haaf P, et al. SARS-CoV2: should inhibitors of the renin-angiotensin system be withdrawn in patients with COVID-19? *Eur Heart J*. 2020.  
<https://doi.org/10.1093/eurheartj/ehaa235>
- [52] Kwon KT, Ko JH, Shin H, Sung M, Kim JY. Drive-Through Screening Center for COVID-19: a Safe and Efficient Screening System against Massive Community Outbreak. *J Korean Med Sci*. 2020;35(11):e123.  
<https://doi.org/10.3346/jkms.2020.35.e123>
- [53] Lee NY, Li CW, Tsai HP, Chen PL, Syue LS, Li MC, et al. A case of COVID-19 and pneumonia returning from Macau in Taiwan: Clinical course and anti-SARS-CoV-2 IgG dynamic. *J Microbiol Immunol Infect*. 2020.  
<https://doi.org/10.1016/j.jmii.2020.03.003>
- [54] Li L, Xv Q, Yan J. COVID-19: the need for continuous medical education and training. *Lancet Respir Med*. 2020.  
[https://doi.org/10.1016/s2213-2600\(20\)30125-9](https://doi.org/10.1016/s2213-2600(20)30125-9)
- [55] Li P, Fu JB, Li KF, Chen Y, Wang HL, Liu LJ, et al. Transmission of COVID-19 in the terminal stage of incubation period: a familial cluster. *Int J Infect Dis*. 2020.  
<https://doi.org/10.1016/j.ijid.2020.03.027>
- [56] Liang ZC, Ooi SBS. COVID-19: A Singapore Orthopedic resident's musings in the Emergency Department. *Acad Emerg Med*. 2020.  
<https://doi.org/10.1111/acem.13970>
- [57] Lima CKT, Carvalho PMM, Lima I, Nunes J, Saraiva JS, de Souza RI, et al. The emotional impact of Coronavirus 2019-nCoV (new Coronavirus disease). *Psychiatry Res*. 2020;287:112915.  
<https://doi.org/10.1016/j.psychres.2020.112915>
- [58] Lin L, Lu L, Cao W, Li T. Hypothesis for potential pathogenesis of SARS-CoV-2 infection--a review of immune changes in patients with viral pneumonia. *Emerg Microbes Infect*. 2020:1-14.  
<https://doi.org/10.1080/22221751.2020.1746199>

- [59] Ling Z, Xu X, Gan Q, Zhang L, Luo L, Tang X, et al. Asymptomatic SARS-CoV-2 infected patients with persistent negative CT findings. *Eur J Radiol.* 2020;126:108956.  
<https://doi.org/10.1016/j.ejrad.2020.108956>
- [60] Lippi G, Henry BM. Active smoking is not associated with severity of coronavirus disease 2019 (COVID-19). *Eur J Intern Med.* 2020.  
<https://doi.org/10.1016/j.ejim.2020.03.014>
- [61] Liu J, Cao R, Xu M, Wang X, Zhang H, Hu H, et al. Hydroxychloroquine, a less toxic derivative of chloroquine, is effective in inhibiting SARS-CoV-2 infection in vitro. *Cell Discov.* 2020;6:16.  
<https://doi.org/10.1038/s41421-020-0156-0>
- [62] Liu K. How I faced my coronavirus anxiety. *Science.* 2020;367(6484):1398.  
<https://doi.org/10.1126/science.367.6484.1398>
- [63] Liu KC, Xu P, Lv WF, Qiu XH, Yao JL, Gu JF, et al. CT manifestations of coronavirus disease-2019: A retrospective analysis of 73 cases by disease severity. *Eur J Radiol.* 2020;126:108941.  
<https://doi.org/10.1016/j.ejrad.2020.108941>
- [64] Liu Q, Wang RS, Qu GQ, Wang YY, Liu P, Zhu YZ, et al. Gross examination report of a COVID-19 death autopsy. *Fa Yi Xue Za Zhi.* 2020;36(1):21-3.  
<https://doi.org/10.12116/j.issn.1004-5619.2020.01.005>
- [65] Loeffelholz MJ, Tang YW. Laboratory Diagnosis of Emerging Human Coronavirus Infections - The State of the Art. *Emerg Microbes Infect.* 2020:1-26.  
<https://doi.org/10.1080/22221751.2020.1745095>
- [66] Lu T, Pu H. Computed Tomography Manifestations of 5 Cases of the Novel Coronavirus Disease 2019 (COVID-19) Pneumonia From Patients Outside Wuhan. *Journal of thoracic imaging.* 2020.  
<https://doi.org/10.1097/rti.0000000000000508>
- [67] Luo M, Cao S, Wei L, Tang R, Hong S, Liu R, et al. Precautions for Intubating Patients with COVID-19. *Anesthesiology.* 2020.  
<https://doi.org/10.1097/aln.0000000000003288>
- [68] Mahajan A, Hirsch JA. Novel Coronavirus: What Neuroradiologists as Citizens of the World Need to Know. *AJNR Am J Neuroradiol.* 2020.  
<https://doi.org/10.3174/ajnr.A6526>
- [69] Mao DM, Zhou N, Zheng D, Le JC, Zhao QH, Luo B, et al. Guide to the Forensic Pathology Practice on Death Cases Related to Corona Virus Disease 2019 (COVID-19) (Trial Draft) . *Fa Yi Xue Za Zhi.* 2020;36(1):6-5.  
<https://doi.org/10.12116/j.issn.1004-5619.2020.01.003>
- [70] McNeary L, Maltser S, Verduzco-Gutierrez M. Navigating Coronavirus Disease 2019 (Covid-19) in Physiatry: A CAN report for Inpatient Rehabilitation Facilities. *Pm r.* 2020.  
<https://doi.org/10.1002/pmrj.12369>
- [71] Mendelson M. Could enhanced influenza and pneumococcal vaccination programs help limit the potential damage from SARS-CoV-2 to fragile health systems of southern hemisphere countries this winter? *Int J Infect Dis.* 2020.  
<https://doi.org/10.1016/j.ijid.2020.03.030>
- [72] Meng L, Qiu H, Wan L, Ai Y, Xue Z, Guo Q, et al. Intubation and Ventilation amid the COVID-19 Outbreak: Wuhan's Experience. *Anesthesiology.* 2020.  
<https://doi.org/10.1097/aln.0000000000003296>
- [73] Montero Feijoo A, Maseda E, Adalia Bartolomé R, Aguilar G, González de Castro R, Gómez-Herreras JI, et al. Practical recommendations for the perioperative management of the patient with suspicion or serious infection by coronavirus SARS-CoV. *Rev Esp Anesthesiol Reanim.* 2020.

<https://doi.org/10.1016/j.redar.2020.03.003>

[74] Moriyama M, Hugentobler WJ, Iwasaki A. Seasonality of Respiratory Viral Infections. *Annu Rev Virol.* 2020.

<https://doi.org/10.1146/annurev-virology-012420-022445>

[75] Niforatos JD, Melnick ER, Faust JS. Covid-19 fatality is likely overestimated. *BMJ.* 2020;368:m1113.

<https://doi.org/10.1136/bmj.m1113>

[76] Niud Y, Xu F. Deciphering the power of isolation in controlling COVID-19 outbreaks. *Lancet Glob Health.* 2020;8(4):e452-e3.

[https://doi.org/10.1016/s2214-109x\(20\)30085-1](https://doi.org/10.1016/s2214-109x(20)30085-1)

[77] Ong J, Young BE, Ong S. COVID-19 in gastroenterology: a clinical perspective. *Gut.* 2020.

<https://doi.org/10.1136/gutjnl-2020-321051>

[78] Ørstavik RE. Covid-19: The right amount of wolf. *Tidsskr Nor Laegeforen.* 2020;140(4).

<https://doi.org/10.4045/tidsskr.20.0190>

[79] Pagano MB, Hess JR, Tsang HC, Staley E, Gernsheimer T, Sen N, et al. Prepare to adapt: Blood supply and transfusion support during the first 2 weeks of the 2019 Novel Coronavirus (COVID-19) pandemic affecting Washington State. *Transfusion.* 2020.

<https://doi.org/10.1111/trf.15789>

[80] Pang HB, Xu LM, Niu Y. Protection of forensic scene investigation and postmortem examination during the epidemic period of COVID-19. *Fa Yi Xue Za Zhi.* 2020;36(1):29-34.

<https://doi.org/10.12116/j.issn.1004-5619.2020.01.007>

[81] Park JY, Han MS, Park KU, Kim JY, Choi EH. First Pediatric Case of Coronavirus Disease 2019 in Korea. *J Korean Med Sci.* 2020;35(11):e124.

<https://doi.org/10.3346/jkms.2020.35.e124>

[82] Qiu H, Wang HJ, Chen QL, Yue X. Safety protection of forensic examination during the epidemic of COVID-19. *Fa Yi Xue Za Zhi.* 2020;36(1):24-8.

<https://doi.org/10.12116/j.issn.1004-5619.2020.01.006>

[83] Rzymiski P, Nowicki M. Preventing COVID-19 prejudice in academia. *Science.* 2020;367(6484):1313.

<https://doi.org/10.1126/science.abb4870>

[84] Sahraei Z, Shabani M, Shokouhi S, Saffaei A. Aminoquinolines Against Coronavirus Disease 2019 (COVID-19): Chloroquine or Hydroxychloroquine. *Int J Antimicrob Agents.* 2020:105945.

<https://doi.org/10.1016/j.ijantimicag.2020.105945>

[85] Schmid MB, Fontijn J, Ochsenbein-Kölble N, Berger C, Bassler D. COVID-19 in pregnant women. *Lancet Infect Dis.* 2020.

[https://doi.org/10.1016/s1473-3099\(20\)30175-4](https://doi.org/10.1016/s1473-3099(20)30175-4)

[86] Servick K, Cho A, Couzin-Frankel J, Guglielmi G. Coronavirus disruptions reverberate through research. *Science.* 2020;367(6484):1289-90.

<https://doi.org/10.1126/science.367.6484.1289>

[87] Shang W, Yang Y, Rao Y, Rao X. The outbreak of SARS-CoV-2 pneumonia calls for viral vaccines. *NPJ Vaccines.* 2020;5:18.

<https://doi.org/10.1038/s41541-020-0170-0>

[88] Shim E, Tariq A, Choi W, Lee Y, Chowell G. Transmission potential and severity of COVID-19 in South Korea. *Int J Infect Dis.* 2020.

<https://doi.org/10.1016/j.ijid.2020.03.031>

- [89] Smith AC, Thomas E, Snoswell CL, Haydon H, Mehrotra A, Clemensen J, et al. Telehealth for global emergencies: Implications for coronavirus disease 2019 (COVID-19). *J Telemed Telecare*. 2020;1357633x20916567.  
<https://doi.org/10.1177/1357633x20916567>
- [90] Smith JA, Judd J. COVID-19: Vulnerability and the power of privilege in a pandemic. *Health Promot J Austr*. 2020.  
<https://doi.org/10.1002/hpja.333>
- [91] Soldati G, Smargiassi A, Inchingolo R, Buonsenso D, Perrone T, Briganti DF, et al. Is there a role for lung ultrasound during the COVID-19 pandemic? *J Ultrasound Med*. 2020.  
<https://doi.org/10.1002/jum.15284>
- [92] Sun D, Li H, Lu XX, Xiao H, Ren J, Zhang FR, et al. Clinical features of severe pediatric patients with coronavirus disease 2019 in Wuhan: a single center's observational study. *World J Pediatr*. 2020.  
<https://doi.org/10.1007/s12519-020-00354-4>
- [93] Sun Z. Diagnostic Value of Chest CT in Coronavirus Disease 2019 (COVID-19). *Curr Med Imaging*. 2020.  
<https://doi.org/10.2174/1573405616999200320163751>
- [94] Tan SS, Yan B, Saw S, Lee CK, Chong AT, Jureen R, et al. Practical laboratory considerations amidst the COVID-19 outbreak: early experience from Singapore. *J Clin Pathol*. 2020.  
<https://doi.org/10.1136/jclinpath-2020-206563>
- [95] Tanne JH. Covid-19: cases grow in US as Trump pushes promise of a malaria drug. *BMJ*. 2020;368:m1155.  
<https://doi.org/10.1136/bmj.m1155>
- [96] Tilocca B, Soggiu A, Musella V, Britti D, Sanguinetti M, Urbani A, et al. Molecular basis of COVID-19 relationships in different species: a one health perspective. *Microbes Infect*. 2020.  
<https://doi.org/10.1016/j.micinf.2020.03.002>
- [97] Touzard-Romo F, Tapé C, Lonks JR. Co-infection with SARS-CoV-2 and Human Metapneumovirus. *R I Med J* (2013). 2020;103(2):75-6.  
<https://doi.org/https://doi.org/>
- [98] Ueda M, Martins R, Hendrie PC, McDonnell T, Crews JR, Wong TL, et al. Managing Cancer Care During the COVID-19 Pandemic: Agility and Collaboration Toward a Common Goal. *J Natl Compr Canc Netw*. 2020;1-4.  
<https://doi.org/10.6004/jnccn.2020.7560>
- [99] Ungaro RC, Sullivan T, Colombel JF, Patel G. What Should Gastroenterologists and Patients Know About COVID-19? *Clin Gastroenterol Hepatol*. 2020.  
<https://doi.org/10.1016/j.cgh.2020.03.020>
- [100] Wahidi MM, Lamb C, Murgu S, Musani A, Shojaee S, Sachdeva A, et al. American Association for Bronchology and Interventional Pulmonology (AABIP) Statement on the Use of Bronchoscopy and Respiratory Specimen Collection in Patients with Suspected or Confirmed COVID-19 Infection. *J Bronchology Interv Pulmonol*. 2020.  
<https://doi.org/10.1097/lbr.0000000000000681>
- [101] Wan S, Xiang Y, Fang W, Zheng Y, Li B, Hu Y, et al. Clinical Features and Treatment of COVID-19 Patients in Northeast Chongqing. *J Med Virol*. 2020.  
<https://doi.org/10.1002/jmv.25783>
- [102] Wang HJ. From SARS-CoV to SARS-CoV-2: The response and challenge of forensic infectious disease autopsy. *Fa Yi Xue Za Zhi*. 2020;36(1):1-3.  
<https://doi.org/10.12116/j.issn.1004-5619.2020.01.001>

- [103] Wang HJ, Du SH, Yue X, Chen CX. Review and Prospect of Pathological Features of Corona Virus Disease. *Fa Yi Xue Za Zhi*. 2020;36(1):16-20.  
<https://doi.org/10.12116/j.issn.1004-5619.2020.01.004>
- [104] Wang Q, Qiu Y, Li JY, Zhou ZJ, Liao CH, Ge XY. A Unique Protease Cleavage Site Predicted in the Spike Protein of the Novel Pneumonia Coronavirus (2019-nCoV) Potentially Related to Viral Transmissibility. *Viol Sin*. 2020.  
<https://doi.org/10.1007/s12250-020-00212-7>
- [105] Wang Q, Yu C. Letter to editor: Role of masks/respirator protection against 2019-novel coronavirus (COVID-19). *Infect Control Hosp Epidemiol*. 2020:1-7.  
<https://doi.org/10.1017/ice.2020.83>
- [106] Weiss P, Murdoch DR. Clinical course and mortality risk of severe COVID-19. *Lancet*. 2020.  
[https://doi.org/10.1016/s0140-6736\(20\)30633-4](https://doi.org/10.1016/s0140-6736(20)30633-4)
- [107] Wen R, Sun Y, Xing QS. A patient with SARS-CoV-2 infection during pregnancy in Qingdao, China. *J Microbiol Immunol Infect*. 2020.  
<https://doi.org/10.1016/j.jmii.2020.03.004>
- [108] Whitworth J. COVID-19: a fast evolving pandemic. *Trans R Soc Trop Med Hyg*. 2020.  
<https://doi.org/10.1093/trstmh/traa025>
- [109] Wippold JA, Wang H, Tingling J, Leibowitz JL, de Figueiredo P, Han A. PRESCIENT: platform for the rapid evaluation of antibody success using integrated microfluidics enabled technology. *Lab Chip*. 2020.  
<https://doi.org/10.1039/c9lc01165j>
- [110] Xia H, Zhao S, Wu Z, Luo H, Zhou C, Chen X. Emergency Caesarean delivery in a patient with confirmed coronavirus disease 2019 under spinal anaesthesia. *Br J Anaesth*. 2020.  
<https://doi.org/10.1016/j.bja.2020.02.016>
- [111] Xiao H, Zhang Y, Kong D, Li S, Yang N. Social Capital and Sleep Quality in Individuals Who Self-Isolated for 14 Days During the Coronavirus Disease 2019 (COVID-19) Outbreak in January 2020 in China. *Med Sci Monit*. 2020;26:e923921.  
<https://doi.org/10.12659/msm.923921>
- [112] Xiao Y, Pan H, She Q, Wang F, Chen M. Prevention of SARS-CoV-2 infection in patients with decompensated cirrhosis. *Lancet Gastroenterol Hepatol*. 2020.  
[https://doi.org/10.1016/s2468-1253\(20\)30080-7](https://doi.org/10.1016/s2468-1253(20)30080-7)
- [113] Xu J, Chen Y, Chen H, Cao B. 2019 novel Coronavirus outbreak: a quiz or final exam? *Frontiers of medicine*. 2020.  
<https://doi.org/10.1007/s11684-020-0753-1>
- [114] Yang T, Wang YC, Shen CF, Cheng CM. Point-of-Care RNA-Based Diagnostic Device for COVID-19. *Diagnostics (Basel)*. 2020;10(3).  
<https://doi.org/10.3390/diagnostics10030165>
- [115] Yasri S, Wiwanitkit V. Clinical features in pediatric COVID-19. *Pediatr Pulmonol*. 2020.  
<https://doi.org/10.1002/ppul.24737>
- [116] Ye Z, Zhang Y, Wang Y, Huang Z, Song B. Chest CT manifestations of new coronavirus disease 2019 (COVID-19): a pictorial review. *Eur Radiol*. 2020.  
<https://doi.org/10.1007/s00330-020-06801-0>
- [117] Zhang HF, Bo LL, Lin Y, Li FX, Sun SJ, Lin HB, et al. Response of Chinese Anesthesiologists to the COVID-19 Outbreak. *Anesthesiology*. 2020.  
<https://doi.org/10.1097/aln.0000000000003300>



- [118] Zhang L, Lin D, Sun X, Curth U, Drosten C, Sauerhering L, et al. Crystal structure of SARS-CoV-2 main protease provides a basis for design of improved  $\alpha$ -ketoamide inhibitors. *Science*. 2020.  
<https://doi.org/10.1126/science.abb3405>
- [119] Zhang T, Wu Q, Zhang Z. Probable Pangolin Origin of SARS-CoV-2 Associated with the COVID-19 Outbreak. *Curr Biol*. 2020.  
<https://doi.org/10.1016/j.cub.2020.03.022>
- [120] Zhou D, Dai SM, Tong Q. COVID-19: a recommendation to examine the effect of hydroxychloroquine in preventing infection and progression. *J Antimicrob Chemother*. 2020.  
<https://doi.org/10.1093/jac/dkaa114>
- [121] Zhou Y, Hou Y, Shen J, Huang Y, Martin W, Cheng F. Network-based drug repurposing for novel coronavirus 2019-nCoV/SARS-CoV-2. *Cell Discov*. 2020;6:14.  
<https://doi.org/10.1038/s41421-020-0153-3>
- [122] Zhu W, Wang Y, Xiao K, Zhang H, Tian Y, Clifford SP, et al. Establishing and Managing a Temporary Coronavirus Disease 2019 Specialty Hospital in Wuhan, China. *Anesthesiology*. 2020.  
<https://doi.org/10.1097/aln.0000000000003299>

## ARTICLES EN CHINOIS (résumé en anglais)(7)

- [1] Hu XH, Niu WB, Zhang JF, Li BK, Yu B, Zhang ZY, et al. [Treatment strategies for colorectal cancer patients in tumor hospitals under the background of corona virus disease 2019]. *Zhonghua Wei Chang Wai Ke Za Zhi*. 2020;23(3):201-8.  
<https://pubmed.ncbi.nlm.nih.gov/32197108>
- [2] Jiang ZF, Li JB. [Ten hot issues on diagnosis and treatment of breast cancer under the outbreak of novel coronavirus pneumonia]. *Zhonghua Yi Xue Za Zhi*. 2020;100(10):721-3.  
<https://pubmed.ncbi.nlm.nih.gov/32195701>
- [3] Li YH, Shen L, Li J. [Chemotherapy strategy for colorectal cancer under the outbreak of corona virus disease 2019]. *Zhonghua Wei Chang Wai Ke Za Zhi*. 2020;23(3):217-9.  
<https://pubmed.ncbi.nlm.nih.gov/32192247>
- [4] Luo Y, Zhong M. [Standardized diagnosis and treatment of colorectal cancer during the outbreak of corona virus disease 2019 in Renji hospital]. *Zhonghua Wei Chang Wai Ke Za Zhi*. 2020;23(3):211-6.  
<https://pubmed.ncbi.nlm.nih.gov/32198147>
- [5] Ren YH, Wang SY, Liu M, Guo YM, Dai HP. [When COVID-19 encounters interstitial lung disease: challenges and management]. *Zhonghua Jie He He Hu Xi Za Zhi*. 2020;43(0):E039.  
<https://pubmed.ncbi.nlm.nih.gov/32198915>
- [6] Yu GY, Lou Z, Zhang W. [Several suggestions of operation for colorectal cancer under the outbreak of corona virus disease 2019 in China]. *Zhonghua Wei Chang Wai Ke Za Zhi*. 2020;23(3):208-11.  
<https://pubmed.ncbi.nlm.nih.gov/32198987>
- [7] Yu KY, Shi HP. [Explanation of expert recommendations on medical nutrition for patients with novel coronavirus pneumonia]. *Zhonghua Yi Xue Za Zhi*. 2020;100(10):724-8.  
<https://pubmed.ncbi.nlm.nih.gov/>