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ARTICLES PUBLIES OU IN PRESS (35)

COVID-19 in Europe: the Italian lesson

www.thelancet.com (e-date: 24/03/2020)

[Lien original](#)

The psychological impact of quarantine and how to reduce it: rapid review of the evidence [Article déjà publié en preprint dans le Lancet]

The December, 2019 coronavirus disease outbreak has seen many countries ask people who have potentially come into contact with the infection to isolate themselves at home or in a dedicated quarantine facility. Decisions on how to

Most recently, quarantine has been used in the coronavirus disease 2019 (COVID-19) outbreak. This outbreak has seen entire cities in China effectively placed under mass quarantine, while many thousands of foreign nationals returning home from China have been asked

www.thelancet.com (e-date: 24/03/2020)

[Lien original](#)

Immunosuppression for hyperinflammation in COVID-19: a double-edged sword?

postulate that hyperinflammation in coronavirus disease 2019 (COVID-19) could be a driver of severity that is amenable to therapeutic targeting since retro-spective data have shown that systemic inflammation is associated with adverse outcome. However

effects that are likely to also occur in the context of COVID-19. Selective therapies with JAK inhibitors could be expected to have similar effects. JAK-STAT signalling is a major component of the type-I interferon pathway.

www.thelancet.com (e-date: 24/03/2020)

[Lien original](#)

Fair Allocation of Scarce Medical Resources in the Time of Covid-19

www.nejm.org (e-date: 24/03/2020)

[Lien original](#)

The Toughest Triage — Allocating Ventilators in a Pandemic

www.nejm.org (e-date: 24/03/2020)

[Lien original](#)

Social Media and Emergency Preparedness in Response to Novel Coronavirus

jamanetwork.com (e-date: 23/03/2020)

[Lien original](#)

Case-Fatality Rate and Characteristics of Patients Dying in Relation to COVID-19 in Italy

jamanetwork.com (e-date: 23/03/2020)

[Lien original](#)

Ethics Committee Reviews of Applications for Research Studies at 1 Hospital in China During the 2019 Novel Coronavirus Epidemic

jamanetwork.com (e-date: 23/03/2020)

[Lien original](#)

Radiotherapy in the time of the Coronavirus pandemic: when less is better

pubmed (e-date: 24/03/2020)

Achard V, Tsoutsou P, Zilli T

[Lien original](#)

COVID-19 and the consequences of isolating the elderly

Pubmed (e-date: 24/03/2020)

Armitage R, Nellums LB

[Lien original](#)

The outbreak of Coronavirus Disease 2019 (COVID-19)-An emerging global health threat

Pubmed (e-date: 24/03/2020)

Arshad Ali S, Baloch M, Ahmed N, Arshad Ali A, Iqbal A

[Lien original](#)

COVID-19 OUTBREAK IN NORTHERN ITALY: FIRST PRACTICAL INDICATIONS FOR RADIOTHERAPY DEPARTMENTS

Pubmed (e-date: 24/03/2020)

Filippi AR, Russi E, Magrini SM, Corvò R

[Lien original](#)

Rapid Progression to Acute Respiratory Distress Syndrome: Review of Current Understanding of Critical Illness from COVID-19 Infection

(e-date: 24/03/2020)

Goh KJ, Choong MC, Cheong EH, Kalimuddin S, Duu Wen S, Phua GC, et al

[Lien original](#)

The Emerging Pandemic of Coronavirus: The Urgent Need for Public Health Leadership

Pubmed (e-date: 24/03/2020)

Hennekens CH, George S, Adirim TA, Johnson H, Maki DG

[Lien original](#)

Mental Health Strategies to Combat the Psychological Impact of COVID-19 Beyond Paranoia and Panic

Pubmed (e-date: 24/03/2020)

Ho CS, Chee CY, Ho RC

[Lien original](#)

Clinical characteristics of novel coronavirus disease 2019 (COVID-19) in newborns, infants and children

Pubmed (e-date: 24/03/2020)

Hong H, Wang Y, Chung HT, Chen CJ

[Lien original](#)

Offline: COVID-19-a reckoning

Pubmed (e-date: 24/03/2020)

Horton R

[Lien original](#)

The Novel Coronavirus (SARS-CoV-2) Epidemic

Pubmed (e-date: 24/03/2020)

Hsu LY, Chia PY, Lim JF

[Lien original](#)

Global epidemiology of coronavirus disease 2019: disease incidence, daily cumulative index, mortality, and their association with country healthcare resources and economic status

Pubmed (e-date: 24/03/2020)

Lai CC, Wang CY, Wang YH, Hsueh SC, Ko WC, Hsueh PR

[Lien original](#)

Should biologics for psoriasis be interrupted in the era of COVID-19?

Pubmed (e-date: 24/03/2020)

Lebwohl M, Rivera-Oyola R, Murrell DF
[Lien original](#)

Viral dynamics in mild and severe cases of COVID-19

Pubmed (e-date: 24/03/2020)
Liu Y, Yan LM, Wan L, Xiang TX, Le A, Liu JM, et al.
[Lien original](#)

Use of antiviral drugs to reduce COVID-19 transmission

Pubmed (e-date: 24/03/2020)
Mitjà O, Clotet B
[Lien original](#)

Infection par le SARS-CoV-2 chez les femmes enceintes. État des connaissances et proposition de prise en charge. CNGOF.

Pubmed (e-date: 24/03/2020)
Peyronnet V, Sibiude J, Deruelle P, Huissoud C, Lescure X, Lucet JC, et al.
[Lien original](#)

Hospitals as health factories and the coronavirus epidemic

Pubmed (e-date: 24/03/2020)
Piccoli GB
[Lien original](#)

Responding to the COVID-19 pandemic in complex humanitarian crises

Pubmed (e-date: 24/03/2020)
Poole DN, Escudero DJ, Gostin LO, Leblang D, Talbot EA
[Lien original](#)

Single cell RNA sequencing of 13 human tissues identify cell types and receptors of human coronaviruses [Article déjà publié en preprint dans BioRxiv]

Pubmed (e-date: 24/03/2020)
Qi F, Qian S, Zhang S, Zhang Z
[Lien original](#)

Predicting the angiotensin converting enzyme 2 (ACE2) utilizing capability as the receptor of SARS-CoV-2

Pubmed (e-date: 24/03/2020)
Qiu Y, Zhao YB, Wang Q, Li JY, Zhou ZJ, Liao CH, et al.
[Lien original](#)

Estimation of COVID-19 outbreak size in Italy

Pubmed (e-date: 24/03/2020)
Tuite AR, Ng V, Rees E, Fisman D
[Lien original](#)

Catheterization Laboratory Considerations During the Coronavirus (COVID-19) Pandemic: From ACC's Interventional Council and SCAI

Pubmed (e-date: 24/03/2020)

Welt FGP, Shah PB, Aronow HD, Bortnick AE, Henry TD, Sherwood MW, et al.
[Lien original](#)

Prolonged presence of SARS-CoV-2 viral RNA in faecal samples

Pubmed (e-date: 24/03/2020)

Wu Y, Guo C, Tang L, Hong Z, Zhou J, Dong X, et al.
[Lien original](#)

Patients with mental health disorders in the COVID-19 epidemic

Pubmed (e-date: 24/03/2020)

Yao H, Chen JH, Xu YF
[Lien original](#)

Mental health care for international Chinese students affected by the COVID-19 outbreak

Pubmed (e-date: 24/03/2020)

Zhai Y, Du X
[Lien original](#)

SARS-CoV-2 turned positive in a discharged patient with COVID-19 arouses concern regarding the present standard for discharge

Pubmed (e-date: 24/03/2020)

Zhang JF, Yan K, Ye HH, Lin J, Zheng JJ, Cai T
[Lien original](#)

The characteristics and clinical value of chest CT images of novel coronavirus pneumonia

Pubmed (e-date: 24/03/2020)

Zhao X, Liu B, Yu Y, Wang X, Du Y, Gu J, et al.
[Lien original](#)

Effect of gastrointestinal symptoms on patients infected with COVID-19

Pubmed (e-date: 24/03/2020)

Zhou Z, Zhao N, Shu Y, Han S, Chen B, Shu X
[Lien original](#)

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CORRECTIONS (1)

[Corrections du Lancet] Clinical characteristics and intrauterine vertical transmission potential of COVID-19 infection in nine pregnant women: a retrospective review of medical records

PREPRINTS (12)

COVID-19 coronavirus vaccine design using reverse vaccinology and machine learning

COVID-19 coronavirus vaccine design using reverse vaccinology and machine learning

To ultimately combat the emerging COVID-19 pandemic, it is desired to develop an effective and safe vaccine against this highly contagious disease caused by the SARS-CoV-2 coronavirus. Our literature and clinical trial survey showed that the whole virus

www.biorxiv.org (e-date: 24/03/2020)

[Lien original](#)

Identification of antiviral drug candidates against SARS-CoV-2 from FDA-approved drugs

Identification of antiviral drug candidates against SARS-CoV-2 from FDA-approved drugs

COVID-19 is an emerging infectious disease and was recently declared as a pandemic by WHO. Currently, there is no vaccine or therapeutic available for this disease. Drug repositioning represents the only feasible

www.biorxiv.org (e-date: 23/03/2020)

[Lien original](#)

Forecasting of COVID-19 Confirmed Cases in Different Countries with ARIMA Models

Forecasting of COVID-19 Confirmed Cases in Different Countries with ARIMA Models

The epidemic of a novel coronavirus illness (COVID-19) becomes as a global threat. The aim of this study is first to find the best prediction models for daily confirmed cases in countries with high number of confirmed cases in the world

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

[Lien original](#)

Effect of large-scale testing platform in prevention and control of the COVID-19 pandemic: an empirical study with a novel numerical model

Effect of large-scale testing platform in prevention and control of the COVID-19 pandemic: an empirical study with a novel numerical model

Background: China adopted an unprecedented province-scale quarantine since January 23rd 2020, after the novel coronavirus (COVID-19) broke out in Wuhan in December 2019. Responding to the challenge of limited testing capacity, large-scale standardized and fully-automated laboratory (Huo-Yan) was built as an ad-hoc measure

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

[Lien original](#)

Modelling the Potential Health Impact of the COVID-19 Pandemic on a Hypothetical European Country

Modelling the Potential Health Impact of the COVID-19 Pandemic on a Hypothetical European Country

A SEIR simulation model for the COVID-19 pandemic was developed (<http://covidsim.eu>) and applied to a hypothetical European country of 10 million population. Our results show which interventions potentially push the epidemic peak into the subsequent

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

[Lien original](#)

Prognostic value of C-reactive protein in patients with COVID-19

Prognostic value of C-reactive protein in patients with COVID-19

Background Elevated serum C-reactive protein (CRP) level was observed in most patients with COVID-19. Methods Data of COVID-19 patients with clinical outcome in a designated hospital in Wuhan, China, were retrospectively collected and analyzed from Jan 30 to Feb 20, 2020. The prognostic value of admission

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

[Lien original](#)

Potential Factors for Prediction of Disease Severity of COVID-19 Patients

Potential Factors for Prediction of Disease Severity of COVID-19 Patients

Abstract: Objective: Coronavirus disease 2019 (COVID-19) is an escalating global epidemic caused by SARS-CoV-2, with a high mortality in critical patients. Effective indicators for predicting disease severity in SARS-CoV-2 infected patients are

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

[Lien original](#)

Identification of a super-spreading chain of transmission associated with COVID-19

Identification of a super-spreading chain of transmission associated with COVID-19

Background: Super-spreading events were associated with the outbreaks of SARS and MERS, but their association with the outbreak of COVID-19 remains unknown. Here, we report a super-spreading transmission chain of SARS-CoV-2 involving an index patient, seven cancer patients, 40 health care workers and four family members. Methods: We conducted

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

[Lien original](#)

A framework for identifying regional outbreak and spread of COVID-19 from one-minute population-wide surveys

A framework for identifying regional outbreak and spread of COVID-19 from one-minute population-wide surveys

Coronavirus infection spreads in clusters and therefore early identification of these clusters is critical for slowing down the spread of the virus. Here, we propose that daily population-wide surveys that assess

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

[Lien original](#)

COVID-19 Progression Timeline and Effectiveness of Response-to-Spread Interventions across the United States

COVID-19 Progression Timeline and Effectiveness of Response-to-Spread Interventions across the United States

Motivated by the rapid upsurge of COVID-19 cases in the United States beginning March 2020, we forecast the disease spread and assess the effectiveness of containment strategies by using an established network-driven epidemic dynamic model. Our

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

[Lien original](#)

Forecasting ultra-early intensive care strain from COVID-19 in England

Forecasting ultra-early intensive care strain from COVID-19 in England

The COVID-19 pandemic has led to unprecedented strain on intensive care unit (ICU) admission in

parts of the world. Strategies to create surge ICU capacity requires complex local and national service reconfiguration

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

[Lien original](#)

COVID-19: Forecasting short term hospital needs in France

Europe is now considered as the epicenter of the SARS-CoV-2 pandemic, France being among the most impacted country. In France, there is an increasing concern regarding the capacity of the healthcare system to sustain the outbreak, especially regarding intensive care units (ICU). The aim of this study was to estimate the dynamics of the epidemic in France, and to assess its impact on healthcare resources for each French metropolitan Region. (...)

[medRxiv](https://medrxiv.org) (e-date: 16/03/2020)

Massonnaud C, Roux J, Crépey P

[Lien original](#)

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DOCUMENTS GOUVERNEMENTAUX (29)

Can the new type of coronavirus be transmitted via food and objects?

Can the new type of coronavirus be transmitted via food and objects?

After the outbreak of the respiratory tract disorder COVID-19 caused by an infection with the new type of coronavirus (SARS-CoV-2), and the subsequent epidemic in various regions of China, the virus is now also spreading in Germany and Europe. Disconcerted consumers have

www.bfr.bund.de (e-date: 24/03/2020)

[Lien original](#)

Considerations relating to social distancing measures in response to COVID-19 – second update [mis à jour le 23/03/2020]

Considerations relating to social distancing measures in response to COVID-19 – second update European Centre for Disease Prevention and Control. Considerations relating to social distancing measures in response to the COVID-19 epidemic. Stockholm: ECDC; 2020.

www.ecdc.europa.eu (e-date: 24/03/2020)

[Lien original](#)

Download today's data on the geographic distribution of COVID-19 cases worldwide [mis à jour tous les jours]

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 (e-date: 24/03/2020)

[Lien original](#)

Foreign Secretary advises all British travellers to return to the UK now - GOV.UK

The Foreign a Commonwealth Office (FCO) advises against all British travellers to return to the UK now. Read our latest coronavirus travel advice.

the FCO updated its COVID-19 Exceptional Travel Advisory Notice to include the following: If you live in the UK and are currently travelling abroad, you're strongly advised to return now, while there are still commercial routes

www.gov.uk (e-date: 24/03/2020)

[Lien original](#)

WHO Director-General's opening remarks at the media briefing on COVID-19 - 23 March 2020

WHO Director-General's opening remarks at the media briefing on COVID-19 - 23 March 2020

I'd also like to take this opportunity to thank FIFA for its generous contribution of US\$10 million to the COVID-19 Solidarity Response Fund.

www.who.int (e-date: 24/03/2020)

[Lien original](#)

Coronavirus (COVID-19) Update: Daily Roundup

Coronavirus (COVID-19) Update: Daily Roundup

Today, the U.S. Food and Drug Administration took the following actions in our ongoing response effort to the COVID-19 pandemic:

www.fda.gov (e-date: 24/03/2020)

[Lien original](#)

Masques et Covid-19 : avis de l'Académie nationale de médecine

Masques et Covid-19 : avis de l'Académie nationale de médecine

www.academie-medecine.fr (e-date: 23/03/2020)

[Lien original](#)

WHO/Europe | Preventing COVID-19 outbreak in prisons: a challenging but essential task for authorities

Preventing COVID-19 outbreak in prisons: a challenging but essential task for authorities

Today, WHO/Europe has published interim guidance on how to deal with the coronavirus disease (COVID-19) in prisons and other places of detention, entitled "Preparedness, prevention and control of COVID-19 in prisons and other places of detention".

www.euro.who.int (e-date: 23/03/2020)

[Lien original](#)

The role of children in the transmission of COVID-19

The role of children in the transmission of COVID-19 – a rapid review

Barns rolle i spredning av SARS-CoV-2 (Covid 19)

Norwegian Institute of Public Health (e-date: 23/03/2020)

[Lien original](#)

COVID-19: guidance on social distancing and for vulnerable people

COVID-19: guidance on social distancing and for vulnerable people

COVID-19: guidance on social distancing for everyone in the UK and protecting older people and vulnerable adults (Bengali)

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

[Lien original](#)

Coronavirus et Covid-19 : Du simple rhume au syndrome respiratoire aigu sévère

SARS-CoV2 / Covid-19, épidémie en cours La recherche mobilisée

Alors que l'épidémie de coronavirus SARS-CoV2 continue de se propager, l'Alliance pour les sciences de la vie et de la santé (Aviesan) se mobilise pour accélérer la recherche sur le virus et sur la maladie Covid-19, via l'action du

www.inserm.fr (e-date: 23/03/2020)

[Lien original](#)

Coronavirus disease 2019 (COVID-19) and supply of substances of human origin in the EU/EEA

Coronavirus disease 2019 (COVID-19) and supply of substances of human origin in the EU/EEA for the safe and sustainable supply of substances of human origin (SoHO) to assist the European Union and European Economic Area (EU/EEA) Member States in responding to the threat posed by the coronavirus disease 2019 (COVID-19) pandemic. Following the rapid spread of COVID-19 in the EU/EEA and worldwide, the European Centre for Disease Prevention and Control (ECDC) has published a set of rapid risk assessments

www.ecdc.europa.eu (e-date: 23/03/2020)

[Lien original](#)

Considerations related to the safe handling of bodies of deceased persons with suspected or confirmed COVID-19

Considerations related to the safe handling of bodies of deceased persons with suspected or confirmed COVID-19

European Centre for Disease Prevention and Control. Considerations related to the safe handling of bodies of deceased persons with suspected or confirmed COVID-19. Stockholm: ECDC; 2020.

www.ecdc.europa.eu (e-date: 23/03/2020)

[Lien original](#)

SARS-CoV-2, MERS-CoV og SARS-CoV and risk of airborne transmission (Uniquement résumé disponible en anglais)

SARS-CoV-2, MERS-CoV og SARS-CoV and risk of airborne transmission – a rapid review

SARS-CoV-2, MERS-CoV og SARS-CoV og risiko for luftbåren smitte

Norwegian Institute of Public Health (e-date: 23/03/2020)

[Lien original](#)

Coronavirus disease (COVID-19) technical guidance: Laboratory testing for 2019-nCoV in humans

www.who.int (e-date: 23/03/2020)

[Lien original](#)

Coronavirus disease (COVID-19) technical guidance: Risk communication and community engagement

Coronavirus disease outbreak (COVID-19) »

Coronavirus disease 2019 /

www.who.int (e-date: 23/03/2020)

[Lien original](#)

FDA and EMA Collaborate to Facilitate SARS-CoV-2 Vaccine Development

FDA and EMA Collaborate to Facilitate SARS-CoV-2 Vaccine Development

to it. They have been highly effective in preventing a whole range of serious infectious diseases. But there is currently no vaccine available to protect the public from the highly contagious coronavirus known as SARS-CoV-2 that is spreading globally, causing the respiratory disease COVID-19, and we know that is a major global public health concern.

www.fda.gov (e-date: 24/03/2020)

[Lien original](#)

COVID-19 Recommandation de prise en charge des cas et des contacts dès le 19 mars 2020

But :

- Ralentir la propagation
- Protéger les personnes à risque accru de complications (personnes vulnérables)
- Préserver le système hospitalier afin qu'il conserve la capacité de fournir des soins médicaux intensifs aux cas les plus graves

Office Fédéral de la santé publique suisse (e-date: 19/03/2020)

[Lien original](#)

Informations et recommandations pour les maisons de retraite et les établissements médico-sociaux

Introduction : Dans la lutte contre la propagation du nouveau coronavirus, l'accent est mis sur la protection des personnes particulièrement vulnérables, car elles présentent un risque accru de complications graves. Les recommandations suivantes s'adressent aux maisons de retraite et aux établissements médicosociaux. Elles servent à déterminer les mesures de protection à adopter.

Office fédéral de la santé publique suisse (e-date: 14/03/2020)

[Lien original](#)

Informations et recommandations pour les organisations de soins à domicile

Introduction : Dans la lutte contre la propagation du nouveau coronavirus, l'accent est mis sur la protection des personnes particulièrement vulnérables, car elles présentent un risque accru de complications graves. Les recommandations suivantes s'adressent aux services de soins à domicile. Elles servent à déterminer les mesures de protection à adopter. (...)

Office Fédéral de la santé publique suisse (e-date: 14/03/2020)

[Lien original](#)

Recommandations concernant le port de matériel de protection

En raison de la propagation mondiale du COVID-19, il est actuellement difficile d'obtenir du matériel de protection (masques, lunettes, surblouses, gants). Il importe donc d'utiliser ce matériel de manière adéquate. Il doit servir avant tout à protéger, d'une part, les professionnels de la santé qui examinent, soignent et conseillent les patients ou les clients et, d'autre part, les personnes particulièrement vulnérables.(...)

Office Fédéral de la santé publique suisse (e-date: 14/03/2020)

[Lien original](#)

Repérer et prendre en charge un patient atteint d'infection respiratoire aigüe en contexte d'épidémie CoVID-19. A destination des médecins de ville

COREB (e-date: 22/03/2020)

[Lien original](#)

COVID-19 et Chloroquine / hydroxychloroquine

Malgré certains résultats encourageants d'essais cliniques portant sur de petites cohortes de patients, les données disponibles n'appuient pas un usage généralisé de la chloroquine ou de l'hydroxychloroquine chez les patients souffrant de la COVID-19. (...)

Institut national d'excellence en santé et en services sociaux (INESSS) (e-date: 20/03/2020)

[Lien original](#)

Guidance on the Management of Clinical Trials during the COVID-19 (Coronavirus) pandemic

European Commission. Guidance on the Management of Clinical Trials during the COVID-19 (Coronavirus) pandemic.

European Commission (e-date: 20/03/2020)

[Lien original](#)

Characteristics of COVID-19 patients dying in Italy Report based on available data on March 20th

The present report describes characteristics of 3200 COVID-19 patients dying in Italy.* Geographic distribution across the 19 regions and 2 autonomous provinces of Trento and Bozen is presented in the table below. Data are update to March 20th, 2020. (...)

Instituto Superiore di Sanita (e-date: 20/03/2020)

[Lien original](#)

COVID-19 - Document d'orientation à l'intention des fournisseurs de soins à domicile et en milieu communautaire

Ministère de la santé Ontario (e-date: 18/03/2020)

[Lien original](#)

Interim Guidance for Coronavirus-Healthcare Worker Management By Occupational Health. Version 8

Health Protection Surveillance Centre (Ireland) (e-date: 19/03/2020)

[Lien original](#)

Report 10: Public Response to UK Government Recommendations on COVID-19: Population Survey, 17-18 March 2020

To capture public sentiment towards these recommendations, a YouGov survey was commissioned by the Patient Experience Research Centre (PERC), Imperial College London. The survey was completed by 2,108 UK adults between the dates of 17th–18th March 2020. (...)

Imperial College London (e-date: 20/03/2020)

[Lien original](#)

Recommandations prévention des infections à SARS-COV-2 en réseaux d'aide et de soins

Santé publique Luxembourg (e-date: 21/03/2020)

[Lien original](#)

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DOCUMENTS DE PREVENTION (1)

Guide auto-soins

Ministère de la Santé et des Services sociaux (Québec) (e-date: 23/03/2020)

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BLOGS NEWS (2)

Surgeon General on COVID-19: 'This week it's going to get bad'

Surgeon General on COVID-19: 'This week it's going to get bad'

Today the Surgeon General of the United States, Jerome Adams, MD, said on the Today Show that this week could get bad for many Americans who will face a growing rise of COVID-19 cases in their communities.

www.cidrap.umn.edu (e-date: 24/03/2020)

[Lien original](#)

Life, or death? Experts guide pandemic medical equipment decisions

As healthcare systems all over the world face rationing of medical supplies and personal protective equipment (PPE) amid the COVID-19 pandemic, experts are offering recommendations to enable ethical allocation.

And in related guidance published Mar 20 in *The Lancet Respiratory Medicine*, the authors say that providing life support using extracorporeal membrane oxygenation (ECMO) during the COVID-19 pandemic requires careful planning, selective use of resources, training of healthcare workers, effective communication and coordination, and strict infection-control measures.

www.cidrap.umn.edu (e-date: 24/03/2020)

[Lien original](#)

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