

2020-03-12 Novel Coronavirus_Daily Article List

ARTICLES PUBLIES OU IN PRESS

[Co-infection with SARS-CoV-2 and Influenza A Virus in Patient with Pneumonia, China | Emerging Infectious Diseases journal - CDC](#)

We report co-infection with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and influenza A virus in a patient with pneumonia in China. The case highlights possible co-detection of known respiratory viruses. We noted low sensitivity of upper respiratory specimens for SARS-CoV-2, which could further complicate recognition of the full extent of disease.

cdc.gov (e-date: 12/03/2020)

Wu X, Cai Y, Huang X, Yu X, Zhao L, Wang F, et al.

Lien original

[Severe Acute Respiratory Syndrome Coronavirus 2 from Patient with 2019 Novel Coronavirus Disease, United States | Emerging Infectious Diseases journal - CDC](#)

AbstractThe etiologic agent of an outbreak of pneumonia in Wuhan, China, was identified as severe acute respiratory syndrome coronavirus 2 in January 2020. A patient in the United States was given a diagnosis of infection with this virus by the state of Washington and the US Centers for Disease Control and Prevention on January 20, 2020. We isolated virus from nasopharyngeal and oropharyngeal specimens from this patient and characterized the viral sequence, replication properties, and cell culture tropism.

cdc.gov (e-date: 11/03/2020)

Harcourt J, Tamin A, Lu X, Kamili S, Sakthivel SK, Murray J, et al.

Lien original

[Virtually Perfect? Telemedicine for Covid-19 | NEJM](#)

Previous work has specifically described the potential for using telemedicine in disasters and public health emergencies. No telemedicine program can be created overnight, but U.S. health systems that have already implemented telemedical innovations can leverage them for the response to Covid-19.

nejm.org (e-date: 11/03/2020)

Hollander JE, Carr BG.

Lien original

[Detection of SARS-CoV-2 in Different Types of Clinical Specimens | Global Health | JAMA | JAMA Network](#)

We investigated the biodistribution of SARS-CoV-2 among different tissues of inpatients with coronavirus disease 2019 (COVID-19) diagnosed based on symptoms and radiology and confirmed by SARS-CoV-2 detection.

jamanetwork.com (e-date: 11/03/2020)

Wang W, Xu Y, Gao R, Lu R, Han K, Wu G, et al.

Lien original

[Care for Critically Ill Patients With COVID-19 | Global Health | JAMA | JAMA Network](#)

This article discusses issues pertaining to regions where critical care units have the capacity to provide mechanical ventilation, acknowledging that this capacity does not exist in many regions and

that capacity could be exceeded in many places. This differential ability to manage the disease will likely have a substantial influence on patient outcomes.

jamanetwork.com (e-date: 11/03/2020)

Murthy S, Gomersall CD, Fowler RA.

Lien original

Can Nigeria contain the COVID-19 outbreak using lessons from recent epidemics? | The Lancet Global Health

News broke on Feb 27, 2020, that an Italian citizen was Nigeria's first case of coronavirus disease 2019 (COVID-19). The individual had landed at Lagos airport 2 days earlier on a flight from northern Italy, and had subsequently travelled from Lagos to Ogun State, western Nigeria, where he became ill and was promptly isolated.

thelancet.com (e-date: 11/03/2020)

Ebenso B, Otu A.

Lien original

Are patients with hypertension and diabetes mellitus at increased risk for COVID-19 infection? | The Lancet Respiratory Medicine

The most distinctive comorbidities of 32 non-survivors from a group of 52 intensive care unit patients with novel coronavirus disease 2019 (COVID-19) in the study by Xiaobo Yang and colleagues were cerebrovascular diseases (22%) and diabetes (22%). [correspondence]

thelancet.com (e-date: 11/03/2020)

Fang L, Karakiulakis G, Roth M.

Lien original

COVID-19: a potential public health problem for homeless populations | The Lancet Public Health

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is infecting people throughout the world. It is probable that coronavirus disease (COVID-19) will be transmitted to people experiencing homelessness, which will become a major problem in particular in North America where there are sizable populations of people experiencing homelessness in nearly every metropolitan city in the USA and Canada.

thelancet.com (e-date: 11/03/2020)

Tsai J, Wilson M.

Lien original

Implications of COVID-19 for patients with pre-existing digestive diseases | The Lancet Gastroenterology & Hepatology

Implications of COVID-19 for patients with pre-existing digestive diseases

The outbreak of coronavirus disease 2019 (COVID-19), caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), first reported in China, in December, 2019, now affects the whole world. As of March 8, 2020, more than 105 000

thelancet.com (e-date: 11/03/2020)

Mao R, Liang J, Shen J, Ghosh S, Zhu L-R, Yang H, et al.

Lien original

COVID-19: the medium is the message | The Lancet

In a world of polarising distrust and trade tensions, the spread of coronavirus disease 2019 (COVID-19), both within nations and internationally, is aided and abetted by misinformation that circumnavigates the planet in microseconds. Such misinformation is not all malevolent, although

thelancet.com (e-date: 11/03/2020)

Garrett L.

Lien original

Potential benefits of precise corticosteroids therapy for severe 2019-nCoV pneumonia | Signal Transduct Target Ther.

No abstract available

pubmed.gov (e-date: 07/03/2020)

Zhou W, Liu Y, Tian D, Wang C, Wang S, Cheng J, et al.

Lien original

The outbreak of COVID-19: An overview | J Chin Med Assoc.

In late December 2019, a previous unidentified coronavirus, currently named as the 2019 novel coronavirus#, emerged from Wuhan, China, and resulted in a formidable outbreak in many cities in China and expanded globally, including Thailand, Republic of Korea, Japan, United States, Philippines, Viet Nam, and our country (as of 2/6/2020 at least 25 countries).

pubmed.gov (e-date: 07/03/2020)

Wu Y-C, Chen C-S, Chan Y-J.

Lien original

Machine Learning, COVID-19 (2019-nCoV), and multi-OMICS | Cytometry A.

Editorial

pubmed.gov (e-date: 07/03/2020)

Tárnok A.

Lien original

Patients with RT-PCR Confirmed COVID-19 and Normal Chest CT | Radiology.

Letter to the editor

pubmed.gov (e-date: 06/03/2020)

Yang W, Yan F.

Lien original

FDG PET/CT of COVID-19 | Radiology.

A 55-year-old male smoker in Wuhan developed intermittent fever, fatigue and dry cough for 5 days. Initial chest CT from an outside institution suggested hilar malignancy.

pubmed.gov (e-date: 06/03/2020)

Zou S, Zhu X.

Lien original

Clinical and CT features in pediatric patients with COVID-19 infection: Different points from adults | Pediatr Pulmonol.

Purpose: To discuss the different characteristics of clinical, laboratory, and chest computed tomography (CT) in pediatric patients from adults with 2019 novel coronavirus (COVID-19) infection.

pubmed.gov (e-date: 05/03/2020)

Xia W, Shao J, Guo Y, Peng X, Li Z, Hu D.

Lien original

Novel coronavirus infection and pregnancy | Ultrasound Obstet Gynecol.

No abstract available

pubmed.gov (e-date: 05/03/2020)

Yang H, Wang C, Poon LC.

Lien original

Emergency management for preventing and controlling nosocomial infection of 2019 novel coronavirus: implications for the dermatology department | Br J Dermatol.

As of Feb 15, 2020, the novel coronavirus (2019-nCoV) has rapidly spread throughout China and across the world with more than 60,000 laboratory-confirmed cases. Due to the current lack of specific treatment and the risk of transmission during the viral incubation period, infection prevention and control of 2019-nCoV are both urgent and critical to global health. In this article, we aim to highlight the necessity of implementing protective measures, and recommend how to set proper emergency management plans for preventing and controlling nosocomial infection of 2019-nCoV in dermatology departments.

pubmed.gov (e-date: 05/03/2020)

Tao J, Song Z, Yang L, Huang C, Feng A, Man X.

Lien original

The clinical dynamics of 18 cases of COVID-19 outside of Wuhan, China | Eur Respir J. Research Letter

pubmed.gov (e-date: 05/03/2020)

Wang L, Gao Y-H, Lou L-L, Zhang G-J.

Lien original

Unique epidemiological and clinical features of the emerging 2019 novel coronavirus pneumonia (COVID-19) implicate special control measures | J Med Virol.

We summarize latest literatures on genetic, epidemiological, and clinical features of COVID-19 in comparison to SARS and MERS and emphasize special measures on diagnosis and potential interventions. This review will improve our understanding of the unique features of COVID-19 and enhance our control measures in the future.

pubmed.gov (e-date: 05/03/2020)

Wang Y, Wang Y, Chen Y, Qin Q.

Lien original

Epidemiological characteristics of 2019-nCoV infections in Shaanxi, China by February 8, 2020 | Eur Respir J. Research letter

Research letter

pubmed.gov (e-date: 05/03/2020)

Yao Y, Tian Y, Zhou J, Ma X, Yang M, Wang S.

Lien original

Can we contain the COVID-19 outbreak with the same measures as for SARS? | Lancet Infect Dis.

Although there are striking similarities between SARS and COVID-19, the differences in the virus characteristics will ultimately determine whether the same measures for SARS will also be successful for COVID-19.

pubmed.gov (e-date: 05/03/2020)

Wilder-Smith A, Chiew CJ, Lee VJ.

Lien original

COVID-19 and the cardiovascular system | Nat Rev Cardiol.

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infects host cells through ACE2 receptors, leading to coronavirus disease (COVID-19)-related pneumonia, while also causing acute myocardial injury and chronic damage to the cardiovascular system. Therefore, particular attention should be given to cardiovascular protection during treatment for COVID-19.

pubmed.gov (e-date: 05/03/2020)

Zheng Y-Y, Ma Y-T, Zhang J-Y, Xie X.

Lien original

Features of Coronavirus Disease 2019 (COVID-19) Pneumonia in 62 Patients in Wuhan, China | AJR Am J Roentgenol.

OBJECTIVE. The purpose of this study was to investigate 62 subjects in Wuhan, China, with laboratory-confirmed coronavirus disease (COVID-19) pneumonia and describe the CT features of this epidemic disease.

pubmed.gov (e-date: 05/03/2020)
Zhou S, Wang Y, Zhu T, Xia L. CT
Lien original

Perspectives on monoclonal antibody therapy as potential therapeutic intervention for Coronavirus disease-19 (COVID-19) | Asian Pac J Allergy Immunol.

Monoclonal antibodies represent the major class of biotherapeutics for passive immunotherapy to fight against viral infection. The therapeutic potential of monoclonal antibodies has been well recognized in the treatment of many diseases. Here, we summarize the potential monoclonal antibody based therapeutic intervention for COVID-19 by considering the existing knowledge on the neutralizing monoclonal antibodies against similar coronaviruses SARS-CoV and MERS-CoV.

pubmed.gov (e-date: 04/03/2020)
Shanmugaraj B, Siriwattananon K, Wangkanont K, Phoolcharoen W.
Lien original

Coronavirus Disease 2019 (COVID-19): A critical care perspective beyond China | Anaesth Crit Care Pain Med.

Clinical evidence helps to progress in patient-level and population-level decision-making. We need to build on prior experience and identify similarities versus differences. In this sense, the pandemic influenza surge in 2009 can be of help.

pubmed.gov (e-date: 03/03/2020)
Rello J, Tejada S, Userovici C, Arvaniti K, Pugin J, Waterer G.
Lien original

Evidence for gastrointestinal infection of SARS-CoV-2 | Gastroenterology.

No abstract available

pubmed.gov (e-date: 03/03/2020)
Xiao F, Tang M, Zheng X, Liu Y, Li X, Shan H.
Lien original

Association between 2019-nCoV transmission and N95 respirator use | J Hosp Infect.

Letter to the Editor

pubmed.gov (e-date: 03/03/2020)
Wang X, Pan Z, Cheng Z.
Lien original

Potential Factors Influencing Repeated SARS Outbreaks in China | Int J Environ Res Public Health.

Within last 17 years two widespread epidemics of severe acute respiratory syndrome (SARS) occurred in China, which were caused by related coronaviruses (CoVs): SARS-CoV and SARS-CoV-2. Although the origin(s) of these viruses are still unknown and their occurrences in nature are mysterious, some general patterns of their pathogenesis and epidemics are noticeable. Both viruses utilize the same receptor—angiotensin-converting enzyme 2 (ACE2)—for invading human bodies.

pubmed.gov (e-date: 03/03/2020)
Sun Z, Thilakavathy K, Kumar SS, He G, Liu SV.
Lien original

Clinical and High-Resolution CT Features of the COVID-19 Infection: Comparison of the Initial and Follow-up Changes | Invest Radiol.

Objectives: In late December, 2019, an outbreak of coronavirus disease (COVID-19) in Wuhan, China was caused by a novel coronavirus, newly named severe acute respiratory syndrome

coronavirus 2 (SARS-CoV-2). We aimed to quantify severity of COVID-19 infection on High-Resolution CT and to determine its relationship with clinical parameters.

pubmed.gov (e-date: 03/03/2020)

Xiong Y, Sun D, Liu Y, Fan Y, Zhao L, Li X, et al.

Lien original

Insights into the cross-species evolution of 2019 novel coronavirus | J Infect.

Letter to the Editor

pubmed.gov (e-date: 03/03/2020)

Zhang J, Jia W, Zhu J, Li B, Xing J, Liao M, et al.

Lien original

Clinical and CT imaging features of 2019 novel coronavirus disease (COVID-19) | J Infect.

Tang JW, et al. and colleagues have written to this Journal describing the emergence of 2019 novel coronavirus disease (COVID-19)¹. We have had an opportunity to examine in detail the chest computed tomography (CT) findings in cases with microbiologically confirmed severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection, to familiarize radiologists and clinicians with the imaging manifestations of this new outbreak.

pubmed.gov (e-date: 03/03/2020)

Zhu Y, Liu Y-L, Li Z-P, Kuang J-Y, Li X-M, Yang Y-Y, et al.

Lien original

Phase-adjusted estimation of the number of Coronavirus Disease 2019 cases in Wuhan, China | Cell Discov.

An outbreak of clusters of viral pneumonia due to a novel coronavirus (2019-nCoV/SARS-CoV-2) happened in Wuhan, Hubei Province in China in December 2019. Since the outbreak, several groups reported estimated R₀ of Coronavirus Disease 2019 (COVID-19) and generated valuable prediction for the early phase of this outbreak.

pubmed.gov (e-date: 24/02/2020)

Wang H, Wang Z, Dong Y, Chang R, Xu C, Yu X, et al.

Lien original

PREPRINTS

The impact of transmission control measures during the first 50 days of the COVID-19 epidemic in China

Respiratory illness caused by a novel coronavirus (COVID-19) appeared in China during December 2019. Attempting to contain infection, China banned travel to and from Wuhan city on 23 January and implemented a national emergency response. Here we evaluate

medrxiv.org (e-date: 10/03/2020)

Tian H, Liu Y, Li Y, Wu C-H, Chen B, Kraemer MUG, et al.

Lien original

ARTICLES EN CHINOIS (résumé en anglais)

[Healing the schism between public health and medicine, promoting the integration of prevention and treatment] | Zhonghua Yu Fang Yi Xue Za Zhi.

The 'Healing the Schism: Epidemiology, Medicine, and the Public's Health' by professor Kerr L. White's be published has a history of nearly 30 years. Since then, although scholars have appealed to incorporating public health and clinical medicine education, and breaking down separations between public health and clinical workforce in China, the effect is yet not so obvious. The outbreak of coronavirus disease 2019 (COVID-19) has opened a public class on the treatment, prevention and control of infectious diseases for the Chinese citizens. Consequently, the Chinese people have higher expectations on the modernization of public health governance, and the social atmosphere of incorporating preventive medicine and clinical medical education is establishing.

pubmed.gov (e-date: 08/03/2020)

Tao FB.

Lien original

[The preliminary analysis on the characteristics of the cluster for the Corona Virus Disease] | Zhonghua Liu Xing Bing Xue Za Zhi.

Since December 2019, Corona Virus Disease (COVID-19), a new emerging infection disease occurred in Wuhan, has spread in 27 countries and regions. The clusters of many cases were reported with the epidemic progresses. We collected currently available information for 377 COVID-19 clusters

pubmed.gov (e-date: 08/03/2020)

Yang HY, Xu J, Li Y, Liang X, Jin YF, Chen SY, et al.

Lien original

[Potential false-positive rate among the 'asymptomatic infected individuals' in close contacts of COVID-19 patients] | Zhonghua Liu Xing Bing Xue Za Zhi.

Objective: As the prevention and control of COVID-19 continues to advance, the active nucleic acid test screening in the close contacts of the patients has been carrying out in many parts of China. However, the false-positive rate of positive results in the screening has not been reported up to now. But to clarify the false-positive rate during screening is important in COVID-19 control and prevention.

pubmed.gov (e-date: 05/03/2020)

Zhuang GH, Shen MW, Zeng LX, Mi BB, Chen FY, Liu WJ, et al.

Lien original

[The differential diagnosis of pulmonary infiltrates in cancer patients during the outbreak of the 2019 novel coronavirus disease] | Zhonghua Zhong Liu Za Zhi.

Objective: To investigate the principles of differential diagnosis of pulmonary infiltrates in cancer patients during the outbreak of novel coronavirus (2019-nCoV) by analyzing one case of lymphoma who presented pulmonary ground-glass opacities (GGO) after courses of chemotherapy.

pubmed.gov (e-date: 05/03/2020)

Zhu WJ, Wang J, He XH, Qin Y, Yang S, Hu XS, et al.

Lien original

DOCUMENTS GOUVERNEMENTAUX

Coronavirus disease 2019 (COVID-19) - Situation Report 51 - 11/03/2020 | WHO

who.int (e-date: 11/03/2020)

WHO

Lien original

Considerations relating to social distancing measures in response to the COVID-19 epidemic | ECDC

This document aims to support public health preparedness planning and response activities based upon social distancing measures aimed at minimising the spread of COVID-19.

ecdc.europa.eu (e-date: 11/03/2020)
ECDC
Lien original

COVID-19: guidance for Ambulance Trusts | GOV.UK

This guidance is for suspected cases of COVID-19 where an emergency ambulance response is required.

gov.uk (e-date: 10/03/2020)
Public Health England
Lien original

Coronavirus disease 2019 (COVID-19) - Situation Report 50 - 10/03/2020 | WHO

who.int (e-date: 10/03/2020)
WHO
Lien original

Avis de l'ANSES relatif à une demande urgente sur certains risques liés au COVID-19 | ANSES

L'Anses a été saisie en urgence le 02 mars 2020 par la Direction générale de l'alimentation (DGAL) sur une demande relative à certains risques liés au COVID-19.

anses.fr (e-date: 09/03/2020)
Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail
Lien original

DOCUMENTS DE PRÉVENTION

Évitez la propagation de COVID-19 : Lavez vos mains [Infographie] | Gouvernement du Canada

Infographie expliquant comment se laver les mains pour éviter la propagation de COVID-19

canada.ca (e-date: 11/03/2020)
Agence de la santé publique du Canada
Lien original

Comment prendre soin d'une personne atteinte du COVID-19 à la maison – Conseils aux soignants | Gouvernement du Canada

Si vous prenez soin d'une personne ayant reçu un diagnostic de COVID-19, suivez les conseils ci-dessous pour vous protéger vous-même ainsi que les autres membres de votre ménage et de votre collectivité.

canada.ca (e-date: 11/03/2020)
Agence de la santé publique du Canada
Lien original

Maladie à coronavirus (COVID-19) : Les populations vulnérables et le COVID-19 | Gouvernement du Canada

Les organismes, les employés et les bénévoles jouent un rôle important en empêchant ces populations de contracter ou de transmettre le virus responsable du COVID-19.

canada.ca (e-date: 11/03/2020)
Agence de la santé publique du Canada
Lien original

Comment s'isoler chez soi en cas de COVID-19 | Gouvernement du Canada

Vous isoler signifie rester à la maison lorsque vous êtes atteint de la maladie à coronavirus (COVID-19) et éviter tout contact avec d'autres personnes afin de prévenir la propagation de la maladie à d'autres personnes de votre foyer et de votre communauté.

canada.ca (e-date: 10/03/2020)

Agence de la santé publique du Canada

Lien original

NEWS & BLOGS

Trump: No travel from Europe over COVID-19, tax relief for workers | CIDRAP News

Tonight President Donald Trump took an unprecedented step in the ongoing effort to fight the spread of COVID-19: A ban on all travelers from Europe beginning at midnight on Mar 13 and lasting 30 days.

cidrap.umn.edu (e-date: 11/03/2020)

Soucheray S.

Lien original

'Deeply concerned' WHO declares COVID-19 pandemic | CIDRAP News

The World Health Organization (WHO) today declared COVID-19 a pandemic, pushing the threat beyond the global health emergency it had announced in January.

cidrap.umn.edu (e-date: 11/03/2020)

Van Beusekom M.

Lien original

Covid-19: China's president Xi visits Wuhan amid confidence that virus is under control | BMJ

China's leader, Xi Jinping, toured the city of Wuhan on 10 March, appearing to claim at least a provisional victory in the battle to limit the spread of covid-19. The visit came as reported new cases in China continued to plummet and schools reopened in some parts of the country, even in the hardest hit Hubei province.

bmj.com (e-date: 11/03/2020)

Dyer O.

Lien original

Covid-19: Trump proposes tax cuts and improved health insurance, but millions are not covered | BMJ

The US president, Donald Trump, has proposed eliminating the payroll tax to ease the financial pain faced by US people and businesses owing to the covid-19 outbreak. He also suggested help for the country's cruise ship industry and airlines.

bmj.com (e-date: 11/03/2020)

Tanne JH.

Lien original

Should we wave goodbye to the handshake? - The BMJ Opinion

It is important to quantify the potential impact that avoiding handshaking could have on infectious disease transmission. Nevertheless, if the handshake is to be discouraged during the COVID-19 outbreak, clear messaging from public health officials will be required.

blogs.bmj.com (e-date: 10/03/2020)

Smith LE, Yardley L, Michie S, Rubin J.

Lien original

Covid-19: How to triage effectively in a pandemic - the BMJ Opinion

Triage in a pandemic is even thornier than you might think, say Christina Pagel and colleagues

blogs.bmj.com (e-date: 09/03/2020)

Pagel C, Utley M, Ray S.

Lien original

Covid-19 : le rôle potentiel des animaux domestiques et des aliments dans la transmission du virus | Actualité ANSES

Interrogée sur la transmission potentielle de la maladie Covid-19 par l'intermédiaire d'animaux domestiques ou d'aliments contaminés, l'Anses a réuni en urgence un groupe d'experts spécialisés pour répondre cette question.

anses.fr (e-date: 11/03/2020)

ANSES

Lien original