Boletín de Alerta Bibliográfica

COVID-19
Unidad de Desarrollo de la Investigación, Tecnologías y Docencia
Coronavirus Disease 2019 and Children: What Pediatric Health Care Clinicians Need to Know

Sonja A. Rasmussen and Lindsay A. Thompson

JAMA Pediatrics
Published online: April 3, 2020.


Registro gratuito en: https://jamanetwork.com/

The emergence of a coronavirus illness not previously seen in humans, now called coronavirus disease 2019 (COVID-19), has captured the attention of the US and the world. The virus was first identified in Wuhan, China, after an outbreak of pneumonia of unknown cause was identified in December 2019, with most early cases reporting exposure to a live animal market. On December 31, 2019, China reported the outbreak to the World Health Organization, and shortly thereafter, the responsible pathogen was identified as a novel coronavirus, which is called SARS-CoV-2 because of its sequence similarity to the virus causing severe acute respiratory syndrome (SARS). The situation of COVID-19 is evolving rapidly with increasing numbers of cases and involved countries. On January 30, 2020, China reported the outbreak to the World Health Organization, and shortly thereafter, the responsible pathogen was identified as a novel coronavirus, which is called SARS-CoV-2 because of its sequence similarity to the virus causing severe acute respiratory syndrome (SARS).
Lessons after the early management of the COVID-19 outbreak in a pediatric transplant and hemato-oncology center embedded within a COVID-19 dedicated hospital in Lombardia, Italy. Estote parati

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Bone Marrow Transplant
Published online: April 20, 2020.

https://doi.org/10.1038/s41409-020-0895-4

Italy is the second exposed country worldwide, after China, and Lombardia is the most affected region in Italy, with more than half of the national cases, with 13% of whom being healthcare professionals. The Clinica Pediatrica Università degli Studi di Milano Bicocca is a general pediatric and hematology oncology and transplant center embedded within the designated COVID-19 general Hospital San Gerardo in Monza, located in Lombardia, Italy. Preventive and control measures specifically undertaken to cope with the emergency within hemato-oncology, transplant, and outpatient unit in the pediatric department have been described. Preliminary COVID-19 experiences with the first Italian pediatric hemato-oncology patients are reported. The few available data regarding pediatrics and specifically hemato-oncological patients are discussed. The purpose of this report is to share pediatric hemato-oncology issues encountered in the first few weeks of the COVID-19 outbreak in Italy and to alert healthcare professionals worldwide to be prepared accordingly.
What COVID-19 means for non-neurotypical children and their families

CORRESPONDENCE

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Pediatric Research
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Coronavirus disease 2019 (COVID-19) is a novel respiratory infection caused by the virus severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which has over a short period of time become a major global health threat (https://www.cdc.gov/coronavirus/2019-ncov/index.html). As of 21 April 2020, there is over 2,498,000 confirmed cases worldwide, with more than 171,000 death globally (https://coronavirus.jhu.edu/map.html). The world struggles to meet the demands imposed by the virus, not only on the health care system but also the economy as well. While research is fervently underway to develop a vaccine and/or treatment against the virus, social distancing becomes our main course of defense (https://www.cdc.gov/coronavirus/2019-ncov/downloads/community-mitigation-strategy.pdf). Schools, museums, zoos, libraries, restaurants, and even national parks are closed, and individuals are asked to stay home, except for essential activities...

TEXTO COMPLETO
Mental Health Status Among Children in Home Confinement During the Coronavirus Disease 2019 Outbreak in Hubei Province, China

Xinyan Xie, Qi Xue, Yu Zhou, Kaiheng Zhu, Qi Liu, Jiajia Zhang and Ranran Song

JAMA Pediatrics
Published online: April 24, 2020.

Registro gratuito en: https://jamanetwork.com/

As the coronavirus disease 2019 (COVID-19) epidemic progressed in Wuhan, Hubei province, China, the Chinese government ordered a nationwide school closure. More than 180 million students in China were restricted to their homes (http://www.chinanews.com/sh/2020/02-17/9094648.shtml). The COVID-19 infection has become a global pandemic. As of April 9, 2020, the infection has caused 188 countrywide closures around the world and has affected 1,576,021,818 learners (https://zh.unesco.org/themes/education-emergencies/coronavirus-school-closures). The caution about protecting the mental health of children in home confinement is warranted. This study investigated depressive and anxiety symptoms among students in Hubei province, China, which helps to optimize interventions for stakeholders in all countries affected by COVID-19.
Children with Covid-19 in Pediatric Emergency Departments in Italy

CORRESPONDENCE

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New England Journal of Medicine
Published online: May 1, 2020.

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On February 20, 2020, the incidence of Covid-19 began to rapidly escalate in Italy. By March 25, Italy had the second highest number of Covid-19 infections worldwide and the greatest number of deaths.1 Children younger than 18 years of age who had Covid-19 composed only 1% of the total number of patients; 11% of these children were hospitalized, and none died.2 The Coronavirus Infection in Pediatric Emergency Departments (CONFIDENCE) study involved a cohort of 100 Italian children younger than 18 years of age with Covid-19 confirmed by reverse-transcriptase–polymerase-chain-reaction testing of nasal or nasopharyngeal swabs who were assessed between March 3 and March 27 in 17 pediatric emergency departments. Here, we describe the results of the CONFIDENCE study and compare them with those from three cohorts in previously published analyses...

TEXTO COMPLETO
Every cloud: how the COVID-19 pandemic may benefit child health

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Pediatric Research
Published online: May 5, 2020.

This is an unedited manuscript that has been accepted for publication.

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The SARS-COV-2 (COVID-19) pandemic has profoundly affected the world with millions of persons infected and nearly 200,000 deaths worldwide as of April 2020. In particular, health services worldwide have witnessed extremes with some overwhelmed by the sudden influx of acutely ill patients while other are temporarily contracted or even closed. To date, limited reports suggest that children are largely spared from the most profound effects of COVID-19 infection(1, 2). The same cannot be said for the healthcare community tasked with caring for children who have experienced extensive service reconfiguration or have been redeployed to adult services...

TEXTO COMPLETO
La enfermedad del coronavirus 2019 (COVID-19) es poco frecuente en niños y su salud se ve poco comprometida en la mayoría de casos. La presentación clínica más común es tos, fiebre y eritema faríngeo, los casos graves suelen presentarse con taquipnea. El curso de la enfermedad es de una a dos semanas. Los hallazgos de laboratorio son inespecíficos, entre ellos, linfopenia, elevación de la proteína C reactiva y la procalcitonina. En fases iniciales, la radiografía torácica es usualmente normal, y los hallazgos tomográficos más comunes son consolidaciones con signo del halo, vidrio esmerilado y nódulos pequeños, que afectan principalmente las zonas subpleurales. El manejo es sintomático y, en los casos graves, debe estar enfocado a brindar soporte respiratorio. Se recomienda que la manipulación de las secreciones respiratorias sea limitada y que se tengan las mismas precauciones para evitar contaminación en pacientes adultos.
Asociaciones que comparten información: COVID-19:

⇒ **American Association for the Advancement of Science**
Latest news and research on Covid-19.

⇒ **American Academy of Pediatrics**
Critical updates and resources for pediatricians.

⇒ **American College of Physicians**
A collection of Annals of Internal Medicine articles related to coronavirus is freely available.

⇒ **American Institute of Physics**
AIP Publishing has made a collection of articles on infectious diseases, epidemics, computational epidemiology, and pandemics free to read.

⇒ **American Medical Association**
JAMA Network COVID-19 information collection.

⇒ **American Psychiatric Association Publishing**
Resources for Psychiatrists and on Coping with the Outbreak.

⇒ **American Physiological Society**
Journal articles, resources, news articles and other information to keep you informed and help you work smarter and more efficiently from home.

⇒ **American Society of Clinical Oncology**
General resources and information.

⇒ **American Society of Nephrology**
Resources for Outpatient Dialysis Facilities.

⇒ **American Society for Microbiology**
Free access to research articles about COVID-19 & toolkit to help spread information.
Asociaciones que comparten información

⇒ **Asociación Regional de Diálisis y Trasplantes Renales (Argentina)**
Recursos de información especializados sobre COVID-19 SARS-CoV-2 en relación con la práctica nefrológica.

⇒ **China National Knowledge Infrastructure**
IE Library comparte la plataforma CNKI, con los logros de investigación en China y el mundo. Divide los resultados de la investigación de COVID-19 en 6 etapas: patogenia, prevención, diagnóstico, tratamiento, pronóstico y enfermería.

⇒ **European Respiratory Society**
The latest articles from ERS publications on SARS-CoV-2 and COVID-19.

⇒ **Future Science Group – Infectious Diseases Hub**
Discover the latest updates on the ongoing novel coronavirus outbreak in the ‘COVID-19 Hub’, powered by Infectious Diseases Hub and our partner journals and eCommunities across the Future Science Group family.

⇒ **Microbiology Society**
Microbiology Society has brought together articles from across their portfolio and made this content freely available.

⇒ **The Royal Society**
Sharing research data and findings relevant to the novel coronavirus outbreak

⇒ **Royal Society of Chemistry**
Coronavirus articles – free to access collection
Recursos de información sobre Ciencia Abierta: COVID-19

ScienceOpen

ScienceOpen es una plataforma de búsqueda y descubrimiento de libre acceso que pone la investigación en contexto. Los filtros inteligentes, las colecciones temáticas y los aportes de la comunidad académica lo ayudan a encontrar los artículos más relevantes en su campo y más allá.

https://www.scienceopen.com/collection/Coronavirus
ZENODO - Open AIRE Community

Comunidad específica para recopilar todos los resultados de la investigación que podrían ser relevantes para la comunidad científica mundial que trabaja en la enfermedad del coronavirus (COVID-19) y el SARS-CoV-2.

https://zenodo.org/communities/covid-19
Ediciones Anteriores

Boletín Edición Nº 1

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