

COVID-19 Evidence Update

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[Italian pediatric respiratory society recommendations on pediatric pulmonary function testing during COVID-19 pandemic](#)

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[Chest CT imaging characteristics of COVID-19 pneumonia in preschool children: a retrospective study](#)

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[Labor and Delivery Visitor Policies During the COVID-19 Pandemic: Balancing Risks and Benefits](#)

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[A Framework for Aging-Friendly Services and Supports in the Age of COVID-19](#)

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[Does this patient have COVID-19? A practical guide for the internist](#)

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Journal of Antimicrobial Chemotherapy

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[Remdesivir: Review of pharmacology, pre-clinical data and emerging clinical experience for COVID-19](#)

Pharmacotherapy

Review

[A rationale for targeting the P2X7 receptor in Coronavirus disease 19 \(Covid-19\)](#)

British Journal of Pharmacology

[Repositioning PARP inhibitors for SARS-CoV-2 infection \(COVID-19\); a new multi-pronged therapy for ARDS?](#)

British Journal of Pharmacology

Review

[Just the Facts: What drugs are safe and effective for COVID-19?](#)

Canadian Journal of Emergency Medicine

[Efficacy and safety of convalescent plasma for severe COVID-19 based on evidence in other severe respiratory viral infections: a systematic review and meta-analysis](#)

CMAJ

[Anti-Coagulant and Anti-Platelet Therapy in the COVID-19 Patient: A Best Practices Quality Initiative Across a Large Health System](#)

Journal of Hospital Practice

[Adjuvant corticosteroid therapy for critically ill patients with COVID-19](#)

Critical Care

Research Letter

[Baricitinib: a chance to treat COVID-19?](#)

Journal of Medical Virology

Letter to the editor

[The case for Chronotherapy in COVID-19 induced Acute Respiratory Distress Syndrome \(ARDS\).](#)

British Journal of Pharmacology

Review

[Use of specific antimicrobials for COVID-19: should we prescribe them now or wait for more evidence?](#)

Postgraduate Medical Journal

Editorial

[Convalescent Plasma Therapy: A Passive Therapy for An Aggressive COVID-19](#)

Journal of Medical Virology

Commentary

Imaging

[Application of CareDose 4D combined with Karl 3D technology in the low dose computed tomography for the follow-up of COVID-19](#)

BMC Medical Imaging

Research Article

[Imaging evaluation of COVID-19 in the emergency department](#)

Emergency Radiology

[A proposed lung ultrasound and phenotypic algorithm for the care of COVID-19 patients with acute respiratory failure](#)

Canadian Journal of Anesthesia

[Rare CT feature in a COVID-19 patient: cavitation](#)

Diagnostic and Interventional Radiology

Letter to the editor

[Safety and role of chest CT in COVID-19 patients](#)

Diagnostic and Interventional Radiology

Letter to the editor

[Incidental SARS-CoV-2-related findings in asymptomatic patients in \[18F\]-FDG-PET/CT—potential insights](#)

European Journal of Nuclear Medicine and Molecular Imaging

Letter to the editor

[CT findings of COVID-19 in follow-up: comparison between progression and recovery](#)

Diagnostic and Interventional Radiology

[Incidental COVID-19 on PET/CT imaging](#)

CMAJ

[Chest imaging in patients with suspected COVID-19](#)

CMAJ

[Challenges in the interpretation and application of typical imaging features of COVID-19](#)

Lancet Respiratory Medicine
Correspondence

[\[18F\]-FDG PET/CT for suspected lymphoma relapse in a patient with concomitant pneumococcal pneumonia during COVID-19 outbreak: unexpected SARS-Cov-2 co-infection despite double RT-PCR negativity](#)

European Journal of Nuclear Medicine and Molecular Imaging
Image of the month

[Chest computed tomography findings of coronavirus disease 2019 \(COVID-19\) pneumonia](#)

European Radiology

Community and Mental Health

[Preventing COVID-19 in Assisted Living Facilities—A Balancing Act](#)

JAMA Internal Medicine
Commentary

[Supporting Social Distancing for COVID-19 Mitigation Through Community-Based Volunteer Networks](#)

American Journal of Public Health
Editorial

[Ethical Considerations for Psychologists in the Time of COVID-19](#)

American Psychologist

[Psychiatrist Experience of Remote Consultations by Telephone in an Outpatient Psychiatric Department during the Covid - 19 Pandemic.](#)

Irish Journal of Psychological Medicine

[Amid the COVID-19 Pandemic, Meaningful Communication between Family Caregivers and Residents of Long-Term Care Facilities is Imperative](#)

Journal of Aging & Social Policy

[Telehealth Home Support During COVID-19 Confinement for Community-Dwelling Older Adults With Mild Cognitive Impairment or Mild Dementia: Survey Study](#)

Journal of Medical Internet Research

[Rehabilitation Medicine Response to the COVID-19 Pandemic](#)

American Journal of Physical Medicine & Rehabilitation

[Mental health, physical activity and quality of life in Parkinson's disease during COVID-19 pandemic](#)

Movement Disorders
Letter

[Psychological distress in serious mental illness patients during the COVID-19 outbreak and one-month mass quarantine in Italy](#)

Psychological Medicine

[Technology Literacy as a Barrier to Telehealth During COVID-19](#)

Telemedicine and e-Health

[Principles of mental health care during the COVID-19 pandemic](#)

European Psychiatry

[Nutritional management of COVID-19 patients in a rehabilitation unit](#)

EJCN
Perspective

['Age and ageism in COVID-19': Elderly mental health-care vulnerabilities and needs](#)

Asian Journal of Psychiatry

[Addiction Psychiatry and COVID-19 – Impact on patients and service provision](#)
Irish Journal of Psychological Medicine

[Assessment and Management of Anorexia Nervosa during COVID-19](#)
Irish Journal of Psychological Medicine

[The Use of Telepsychiatry During COVID-19 and Beyond](#)
Irish Journal of Psychological Medicine

[The impact of the COVID-19 infection in dentistry](#)
Experimental Biology and Medicine

[The challenges of COVID-19 for community pharmacists and opportunities for the future](#)
Irish Journal of Psychological Medicine

Ophthalmology

[COVID-19 Disease and Ophthalmology: An Update](#)
Ophthalmology and Therapy

[The eye as the discrete but defensible portal of coronavirus infection](#)
The Ocular Surface

[Ocular manifestations and clinical characteristics of 535 cases of COVID-19 in Wuhan, China: a cross-sectional study](#)
Acta Ophthalmologica

Dermatology

[Immunosuppressive agents for dermatological indications in the ongoing COVID 19 pandemic: rationalizing use and clinical applicability](#)
Dermatologic Therapy
Review

[Diversity of clinical appearance of cutaneous manifestations in the course of COVID-19](#)
JEADV
Letter to the editor

[Silent COVID-19: what your skin can reveal](#)
Lancet Infectious Diseases
Correspondence

[Hidden threat lurking behind the alcohol sanitizers in CoVID -19 outbreak](#)
Dermatologic Therapy
Short Paper

[A late onset widespread skin rash in a previous Covid-19 infected patient: viral or multidrug effect?](#)
JEADV
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[A clinicopathological study of 8 patients with COVID-19 pneumonia and a late-onset exanthema](#)
JEADV
Letter to the editor

[Acral purpuric lesions \(Erythema multiforme type\) associated with thrombotic vasculopathy in a child during the COVID-19 pandemic](#)
JEADV
Letter to the editor

Diabetes

[Association of Diabetes Mellitus with Disease Severity and Prognosis in COVID-19: A Retrospective Cohort Study](#)

Diabetes Research and Clinical Practice

[Characteristics and Outcomes of COVID-19 Positive Patients with Diabetes Managed as Outpatients](#)

Diabetes Research and Clinical Practice

[SARS-CoV-2 and Diabetes: New Challenges for the Disease](#)

Diabetes Research and Clinical Practice

Review

[COVID-19 symptoms masking inaugural ketoacidosis of type 1 diabetes](#)

Diabetes & Metabolism

Research letter

[Prognostic factors in patients with diabetes hospitalized for COVID-19: Findings from the CORONADO study and other recent reports](#)

Diabetes & Metabolism

[Negative impact of hyperglycaemia on tocilizumab therapy in Covid-19 patients](#)

Diabetes & Metabolism

[Metformin Treatment Was Associated with Decreased Mortality in COVID-19 Patients with Diabetes in a Retrospective Analysis](#)

The American Journal of Tropical Medicine and Hygiene

[Early Observation and Mitigation of Challenges in Diabetes Management of COVID-19 Patients in Critical Care Units](#)

Diabetes Care

Letter

Miscellaneous

[An AI approach to COVID-19 infection risk assessment in virtual visits: a case report](#)

Journal of the American Medical Informatics Association

[Seventy-two Hours, Targeting Time from First COVID-19 Symptom Onset to Hospitalization](#)

Journal of Korean Medical Science

[A simple negative-pressure protective barrier for extubation of COVID-19 patients](#)

Canadian Journal of Anesthesia

Correspondence

[Demand-capacity modelling and Covid-19 disease: identifying themes for future NHS planning](#)

Anaesthesia

Editorial

[COVID-19 and obesity: links and risks](#)

Expert Review of Endocrinology & Metabolism

[Insight into the relationship between obesity-induced low-level chronic inflammation and COVID-19 infection](#)

International Journal of Obesity

Editorial

[Morbidity Obesity as an Independent Risk Factor for COVID-19 Mortality in Hospitalized Patients Younger than 50](#)

Obesity
Brief Report

[Predictors of mortality in hospitalized COVID-19 patients: A systematic review and meta-analysis](#)

Journal of Medical Virology
Review

[SARS-CoV-2 RNA contamination of inanimate surfaces and virus viability in a health care emergency unit](#)

Clinical Microbiology and Infection

[Are patients with Down syndrome vulnerable to life-threatening COVID-19?](#)

Acta Neurologica Belgica

[Can 3D printing of oral drugs help fight the current COVID-19 pandemic \(and similar crisis in the future\)?](#)

Expert Opinion on Drug Delivery

[Vitamin-D and COVID-19: do deficient risk a poorer outcome?](#)

Lancet Diabetes and Endocrinology

[The Role of Climate During the COVID-19 epidemic in New South Wales, Australia](#)

Transboundary and Emerging Diseases
Rapid Communication

Dynamed Plus - COVID-19 (Novel Coronavirus)

Latest updates

22 MAY 2020

4,993,470 confirmed cases of coronavirus disease 2019 (COVID-19) including 327,738 deaths worldwide reported by World Health Organization (WHO) as of May 22, 2020 (WHO Situation Report 2020 May 22)

[View in topic](#)

22 MAY 2020

Chinese herbal medicine Lianhuaqingwen capsule may shorten time to recovery in adults with mild COVID-19 receiving usual care in China (Phytomedicine 2020 May 16)

[View in topic](#)

22 MAY 2020

hydroxychloroquine may not increase negative conversion rates in hospitalized adults with mild to moderate COVID-19 (BMJ 2020 May 14)

[View in topic](#)

21 MAY 2020

implementation of 2-3 public health interventions in areas with ≥ 10 patients with COVID-19 and local transmission associated with decreased SARS-CoV-2 epidemic growth (CMAJ 2020 May 8 early online)

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20 MAY 2020

hydroxychloroquine within 48 hours of hospital admission may not improve survival in patients hospitalized with COVID-19 needing oxygen but not intensive care (BMJ 2020 May 14)

[View in topic](#)

20 MAY 2020

FDA emergency use authorization issued for multiple new assays to detect nucleic acids from SARS-CoV-2

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20 MAY 2020

FDA issues emergency use authorization for multiple COVID-19 diagnostic tests with option of using home-collected saliva

[View in topic](#)

20 MAY 2020

FDA issues alert about early data suggesting potentially inaccurate results from Abbott ID NOW point-of-care test to diagnose COVID-19 (FDA press release 2020 May 14)

[View in topic](#)

19 MAY 2020

triple therapy with ribavirin plus interferon beta-1b plus lopinavir/ritonavir may reduce time to symptom resolution, negative viral load, and hospital discharge compared to lopinavir/ritonavir in adults with COVID-19 (Lancet 2020 May 8 early online)

[View in topic](#)

19 MAY 2020

high-dose chloroquine diphosphate may have higher mortality than low-dose chloroquine diphosphate in hospitalized adults with severe SARS-CoV-2 infection in Brazil (JAMA Netw Open 2020 Apr 24)

[View in topic](#)

19 MAY 2020

hydroxychloroquine with or without azithromycin reported to increase risk of QT-interval prolongation in adults with COVID-19 pneumonia (JAMA Cardiol 2020 May 1 early online)

[View in topic](#)

19 MAY 2020

insufficient evidence to support use of hydroxychloroquine or chloroquine in adults with COVID-19 (Acad Emerg Med 2020 May 2 early online)

[View in topic](#)

18 MAY 2020

olfactory dysfunction reported in 87% of patients with COVID-19 (Otolaryngol Head Neck Surg 2020 May 5 early online)

[View in topic](#)

Public Health England

Topics added/updated in the last week

[COVID-19: investigation and initial clinical management of possible cases](#) - 22 May 2020

[COVID-19: management of exposed staff and patients in health and social care settings](#) - 22 May 2020

[COVID-19: guidance for stepdown of infection control precautions within hospitals and discharging COVID-19 patients from hospital to home settings](#) - 20 May 2020

[COVID-19: guidance for Ambulance Trusts](#) - 18 May 2020

[COVID-19: infection prevention and control \(IPC\)](#) - 21 May 2020

World Health Organisation – Rolling Updates

WHO, Gavi and UNICEF warn that disruption to routine vaccination leaves at least 80 million children at risk

22 May 2020

COVID 19 is disrupting life-saving immunization services around the world, putting millions of children – in rich and poor countries alike – at risk of diseases like diphtheria, measles and polio.

Provision of routine immunization services is substantially hindered in at least 68 countries and is likely to affect approximately 80 million children under the age of 1 living in these countries.

Since March 2020, routine childhood immunization services have been disrupted on a global scale that may be unprecedented since the inception of expanded programs on immunization (EPI) in the 1970s.

The reasons for disrupted services vary. Some parents are reluctant to leave home because of restrictions on movement, lack of information or because they fear infection with the COVID-19 virus. And many health workers are unavailable because of restrictions on travel, or redeployment to COVID response duties, as well as a lack of protective equipment. Transport delays of vaccines are also exacerbating the situation.

Despite the challenges, several countries are making special efforts to continue immunization. Uganda is ensuring that immunization services continue along with other essential health services, even funding transportation to ensure outreach activities. And in Lao PDR, despite a national lockdown imposed in March, routine immunization in fixed sites continued with physical distancing measures in place.

Key materials

[Framework for decision-making: implementation of mass vaccination campaigns in the context of COVID-19](#)

Useful Links

[BMJ – latest news and resources for COVID-19](#)

[Cochrane Library Coronavirus \(COVID-19\): evidence relevant to critical care](#)

[Elsevier - Novel Coronavirus Information Center – Elsevier](#)

[European Centre for Disease Prevention and Control](#)

[GOV.UK](#)

[Health protection Scotland](#)

[New England Journal of Medicine](#)

[NHS UK](#)

[Oxford University Press](#)

[Patient.Info](#)

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Also available via our web pages at: <https://geh.wordpress.ptfs-europe.co.uk/coronavirus-covid-19-resources/>

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