

# COVID-19 Evidence Update

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# Royal College/Society Guidance

## Latest information and guidance

NICE  
[Rapid guidelines and evidence summaries](#)

Royal College of Emergency Medicine  
[Covid-19 resources](#)

Royal College of General Practitioners  
[COVID-19](#)

Royal College of Obstetrics & Gynaecologists  
[Coronavirus \(COVID-19\), pregnancy and women's health](#)

Royal College of Paediatrics and Child Health  
[Key topics COVID 19](#)

Royal College of Pathologists  
[COVID-19 Resources Hub](#)

Royal College of Psychiatrists  
[COVID-19: Community mental health settings](#)

Royal College of Surgeons  
[COVID 19 Information Hub](#)

Royal Pharmaceutical Society  
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British Society of Echocardiography  
[COVID-19 clinical guidance](#)

British Society of Gastroenterology  
[COVID 19 updates](#)

British Society for Haematology  
[COVID-19 Updates](#)

British Society for Rheumatology  
[COVID-19 updates for members](#)

Combined Intensive Care Society, Association of Anaesthetists, Royal College of Anaesthetists, Faculty of Intensive Care Medicine guidance  
[Clinical Guidance](#)

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## Adults and Older People

[ACE2 is on the X chromosome: could this explain COVID-19 gender differences?](#)  
European Heart Journal

[ADL-dependency, D-Dimers, LDH and absence of anticoagulation are independently associated with one-month mortality in older inpatients with Covid-19](#)  
Aging

[Case 21-2020: A 66-Year-Old Homeless Man with Covid-19](#)  
NEJM  
Case Report

[Intracranial hemorrhage complicating anticoagulant prophylactic therapy in three hospitalized COVID-19 patients](#)  
Journal of NeuroVirology  
Case Report

[Managing Older Adults with Presumed COVID -19 in the Emergency Department: A Rational Approach to Rationing](#)  
Journal of the American Geriatrics Society

[Men's health: COVID-19 pandemic highlights need for overdue policy action](#)  
The Lancet

[Methemoglobinemia in Patient with G6PD Deficiency and SARS-CoV-2 Infection](#)  
Emerging Infectious Diseases  
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[Multidisciplinary guidance to manage comatose patients with severe COVID -19](#)  
Annals of Neurology  
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[Multiple organ dysfunction in SARS-CoV-2: MODS-CoV-2](#)  
Expert Review of Respiratory Medicine  
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[Neurological, Cognitive, and Behavioral Disorders during COVID -19: The Nitric Oxide Track](#)  
Journal of the American Geriatrics Society  
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[Prevalence of comorbidities and their association with mortality in patients with COVID -19: A Systematic Review and Meta-analysis](#)  
Diabetes, Obesity and Metabolism

[Treatment adherence behaviours in rheumatic diseases during COVID-19 pandemic: a Latin American experience](#)  
Annals of Rheumatic Diseases  
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[When Tithonus met corona: the COVID-19 pandemic and acute illness in the elderly](#)  
BMJ Supportive & Palliative Care  
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## Blood

[Amelioration of COVID-19 related cytokine storm syndrome: Parallels to chimeric antigen receptor-T cell cytokine release syndrome](#)  
British Journal of Haematology  
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[Blood Transfusion Utilization in Hospitalized COVID -19 Patients](#)  
Transfusion  
Brief Report

[Combined IL-6 and JAK-STAT inhibition therapy in COVID-19 related sHLH, potential game changer](#)  
British Journal of Haematology  
Short report

[COVID-19 and thalassaemia: A position statement of the Thalassaemia International Federation](#)  
European Journal of Haematology  
Review

[COVID-19 coagulopathy vs disseminated intravascular coagulation](#)  
Blood Advances  
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[COVID-19-driven endothelial damage: complement, HIF-1, and ABL2 are potential pathways of damage and targets for cure](#)  
Annals of Hematology  
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[COVID-19 mortality in patients on anticoagulants and antiplatelet agents](#)  
British Journal of Haematology  
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[How the COVID -19 Pandemic Changed Cellular Therapy at Columbia University Irving Medical Center/NewYork-Presbyterian Hospital](#)  
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[Managing patients with hematological malignancies during COVID-19 pandemic](#)  
Expert Review of Hematology  
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[Platelet Gene Expression and Function in COVID-19 Patients](#)  
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[Congenital heart disease in the era of COVID-19 pandemic](#)  
General Thoracic and Cardiovascular Surgery

[COVID-19 and Heart: From Clinical Features to Pharmacological Implications](#)  
Journal of Clinical Medicine

[COVID-19 pandemia and inherited cardiomyopathies and channelopathies: a short term and long term perspective](#)  
Orphanet Journal of Rare Diseases  
Letter to the editor

[COVID-19 Pandemic: Cardiovascular Complications and Future Implications](#)  
American Journal of Cardiovascular Drugs  
Review

[New-onset atrial fibrillation: incidence, characteristics, and related events following a national COVID-19 lockdown of 5.6 million people](#)  
European Heart Journal

[The rapid transformation of cardiac surgery practice in the coronavirus disease 2019 \(COVID-19\) pandemic: insights and clinical strategies from a centre at the epicentre](#)  
European Journal of Cardio-Thoracic Surgery

[Unmasking psychological reasons of delay in acute coronary syndromes presentation during the COVID - 19 pandemic](#)  
Catheterization & Cardiovascular Interventions  
Letter to the editor

[Will the COVID-19 Epidemic Reshape Cardiology?](#)  
European Heart Journal Quality of Care & Clinical Outcomes

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## Children & Neonates

[Don't Forget the Bubbles: An Evidence Summary of Paediatric Covid-19 Literature](#)

[A multicenter national survey of children with SARS-CoV-2 infection admitted to Spanish Pediatric Intensive Care Units](#)  
Intensive Care Medicine  
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[Care of newborns born to mothers with COVID-19 infection; a review of existing evidence](#)  
The Journal of Maternal-Fetal & Neonatal Medicine  
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[COVID-19 disease in children: not as mild as we have been led to believe](#)  
World Journal of Pediatrics

Letter to the editor

[COVID-19 Impacts on Child and Youth Anxiety and Depression: Challenges and Opportunities](#)  
The Canadian Journal of Psychiatry

[COVID-19 in pediatric hematopoietic stem cell transplantation: The experience of Spanish Group of Transplant \(GETMON/GETH\)](#)  
Pediatric Blood & Cancer  
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[Covid-19 in Peru: from supervised walks for children to the first case of Kawasaki-like syndrome](#)  
BMJ  
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[COVID-19 Multisystem Inflammatory Syndrome in Three Teenagers with Confirmed SARS-CoV-2 Infection](#)  
Journal of Medical Virology  
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[Double-edged sword of limiting healthcare provision for children in times of COVID-19: the hidden price we pay](#)  
Archives of Disease in Childhood  
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[Hematuria Associated With SARS-CoV-2 Infection in a Child](#)  
The Pediatric Infectious Disease Journal  
Letter to the editor

[Impact of Covid-19 epidemics in Pediatric Morbidity and utilization of Hospital Pediatric Services in Italy](#)  
Acta Paediatrica  
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[Invasive mechanical ventilation in a former preterm infant with COVID-19](#)  
Acta Paediatrica  
Brief Report

[Isolating children is not the answer to COVID-19](#)  
Pediatric Pulmonology  
Letter to the editor

[Kawasaki-like diseases and thrombotic coagulopathy in COVID-19: delayed over-activation of the STING pathway?](#)  
Emerging Microbes & Infections  
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[Managing Psychological Distress in Children and Adolescents Following the COVID-19 Epidemic: A Cooperative Approach](#)  
Psychological Trauma: Theory, Research, Practice, and Policy

[Management of Infantile Spasms During the COVID-19 Pandemic](#)  
Journal of Child Neurology

[Missing during COVID-19 lockdown: children with onset of type 1 diabetes](#)  
Acta Paediatrica  
Brief Report

[Pediatric antimicrobial stewardship in the COVID-19 outbreak](#)  
Infection Control & Hospital Epidemiology

[Pediatric hematology oncology during SARS-CoV-2: A brief communication of 28 patients and changes in clinical practice from a single institute in Pakistan](#)  
Pediatric Blood & Cancer  
Letter to the editor

[Physical child abuse demands increased awareness during health and socioeconomic crises like COVID-19](#)

Acta Orthopaedica

[Statement on the prevention and treatment of COVID-19 in patients with pediatric cancer in Japan](#)

Pediatric Blood & Cancer

Letter to the editor

[The dark side of COVID -19: The need of integrated medicine for children with special care needs](#)

American Journal of Medical Genetics

Research letter

[Understanding the age divide in COVID-19: why are children overwhelmingly spared?](#)

American Journal of Physiology Lung Cellular and Molecular Physiology

Perspective

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## Community and Mental Health

[A Population Mental Health Perspective on the Impact of COVID-19](#)

Psychological Trauma: Theory, Research, Practice, and Policy

[Effects of the COVID-19 pandemic on the mental health of prisoners](#)

Lancet Psychiatry

[Five principles for pandemic preparedness: lessons from the Australian COVID-19 primary care response](#)

British Journal of General Practice

Editorial

[Home healthcare services in communities during COVID -19: Protecting against and mitigating the pandemics in Taiwan](#)

Kaohsiung Journal of Medical Sciences

[I May Never See the Ocean Again: Loss and Grief Among Older Adults During the COVID-19 Pandemic](#)

Psychological Trauma: Theory, Research, Practice, and Policy

[Impact of COVID-19 Pandemic Restrictions on Community-Dwelling Caregivers and Persons With Dementia](#)

Psychological Trauma: Theory, Research, Practice, and Policy

[Increased stressful impact among general population in mainland China amid the COVID-19 pandemic: A nationwide cross-sectional study conducted after Wuhan city's travel ban was lifted](#)

International Journal of Social Psychiatry

[Inequalities and identity processes in crises: Recommendations for facilitating safe response to the COVID-19 pandemic](#)

British Journal of Social Psychology

[Masks for Prevention of Respiratory Virus Infections, Including SARS-CoV-2, in Health Care and Community Settings](#)

Annals of Internal Medicine

Reviews

[Recognising and addressing the impact of COVID-19 on obsessive-compulsive disorder](#)

The Lancet Psychiatry

Comment

[The importance of \(shared\) human values for containing the COVID-19 pandemic](#)

British Journal of Social Psychology

[The Mental Turmoil of Hospital Nurses in the COVID-19 Pandemic](#)

Psychological Trauma: Theory, Research, Practice, and Policy

[The psychological and cognitive impact of Covid-19 on individuals with neurocognitive impairments: research topics and remote intervention proposals](#)  
Aging Clinical and Experimental Research

[The psychological impact of COVID-19 on the mental health in the general population](#)  
QJM

[Under the COVID-19 Lockdown: Rapid Review About the Unique Case of North Cyprus](#)  
Psychological Trauma: Theory, Research, Practice, and Policy

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## Dermatology

[Organization of biologic therapy during the COVID-19 pandemic based on example of Dermatology Clinic Centre of Postgraduate Medical Education in Warsaw](#)  
Journal of Dermatological Treatment

[Inpatient Dermatology Consultations during Covid 19 Pandemic in a Tertiary Referral Center](#)  
Dermatologic Therapy

[Ultraviolet and COVID-19 pandemic](#)  
Journal of Cosmetic Dermatology  
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[Understanding the role that 'COVID toe' has in recognizing the potential extent of COVID-19 infections: a case study](#)  
Pathogens and Global Health  
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[View from Portsmouth during COVID-19 pandemic ward work](#)  
Clinical and Experimental Dermatology  
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## Diabetes & Endocrinology

[Challenges of diabetes management during the COVID -19 pandemic](#)  
Perspective  
The Medical Journal of Australia

[Diabetes increases the mortality of patients with COVID-19: a meta-analysis](#)  
Acta Diabetologica

[SARS-CoV-2 perturbs the renin-angiotensin system and energy metabolism](#)  
American Journal of Physiology Endocrinology and Metabolism  
Mini Review

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## Digestive

[Green endoscopy: a call for sustainability in the midst of COVID-19](#)  
Lancet Gastroenterology and Hepatology

[Management strategies for the colonoscopic surveillance of people with Lynch syndrome during the COVID-19 pandemic](#)  
Gut  
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[Metabolic associated fatty liver disease is associated with severity of COVID-19](#)

Liver International

Brief Report

[Stopping Clinical Trials in Inflammatory Bowel Disease During the COVID-19 Pandemic is not a Responsible Act](#)

Journal of Crohn's and Colitis

[TeleHealth utilization in Gastroenterology \(GI\) clinics amid Coronavirus-19 \(COVID-19\) pandemic: Impact on clinical practice & GI training](#)

Gastroenterology

[The useful face-protective shield "ORIGAMI" for gastrointestinal endoscopy during the COVID-19 pandemic](#)

Digestive Endoscopy

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## Education & Training

[Health Service Psychology Education and Training in the Time of COVID-19: Challenges and Opportunities](#)

American Psychologist

[Impact of COVID-19 on ophthalmic specialist training in the United Kingdom—the trainees' perspective](#)

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[Intern year in a developing country amidst COVID-19](#)

Medical Education Online

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[Medical students' dilemma during the Covid-19 pandemic; between the will to help and the fear of contamination](#)

Medical Education Online

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[Simulation-based skills training in non-performing orthopedic surgeons: skills acquisition, motivation, and flow during the COVID-19 pandemic](#)

Acta Orthopaedica

[Teaching anatomy with dissection in the time of COVID -19 is essential and possible](#)

Clinical Anatomy

Letter to the editor

[The impact of the COVID-19 pandemic on gastroenterology trainees in Australia](#)

Journal of Gastroenterology and Hepatology

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[The perspective of surgical residents on current and future training in light of the COVID -19 pandemic](#)

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[Trials and tribulations of young residents fighting COVID-19](#)

European Journal of Clinical Investigation

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## Head & Neck (inc. airway/ventilation)



[Gustatory dysfunctions in COVID-19](#)  
European Archives of Oto-Rhino-Laryngology  
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[Olfactory and gustatory abnormalities in COVID-19 cases](#)  
European Archives of Oto-Rhino-Laryngology

[Oral erosions and petechiae during SARS-CoV-2 infection](#)  
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[Otolaryngology in the COVID-19 pandemic era: the impact on our clinical practice](#)  
European Archives of Oto-Rhino-Laryngology  
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## Healthcare Workers

[Academic Emergency Medicine Physicians' Anxiety Levels, Stressors and Potential Stress Mitigation Measures during the Acceleration Phase of the COVID-19 Pandemic](#)  
Academic Emergency medicine

[Callous attitude towards doctors during COVID -19](#)  
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[Fighting Fear in Healthcare Workers During the COVID-19 Pandemic](#)  
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[Finding a way in daily clinical practice during Covid-19 pandemic](#)  
European Journal of Clinical Investigation  
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[N95 Usage During the COVID-19 Pandemic](#)  
Journal of the American Podiatric Medical Association

[On the Frontlines of the Coronavirus Disease 2019 \(COVID-19\) Crisis—The Many Faces of Leadership](#)  
JAMA Cardiology  
Viewpoint

[Perception of the 2020 SARS-CoV-2 pandemic among medical professionals in Germany: results from a nationwide online survey](#)  
Emerging Microbes & Infections

[Promoting Resilience in the Acute Phase of the COVID-19 Pandemic: Psychological Interventions for Intensive Care Unit \(ICU\) Clinicians and Family Members](#)  
Psychological Trauma: Theory, Research, Practice, and Policy.

[The impact of the COVID-19 pandemic on the mental health of healthcare professionals](#)  
QJM

[The Rotation of Medical Staff in July 2020 post COVID 19](#)  
Irish Journal of Psychological Medicine

[The Strategic Alliance between Clinical and Molecular Science in the War against SARS-CoV-2, with the Rapid-Diagnostics Test as an Indispensable Weapon for Front Line Doctors](#)  
International Journal of Molecular Sciences

[Using the Systems Engineering Initiative for Patient Safety \(SEIPS\) model to describe critical care nursing during the SARS-CoV -2 pandemic \(2020\)](#)  
Nursing in Critical Care

## Hospital / Departments

[A Double Triage and Telemedicine Protocol to Optimize Infection Control in an Emergency Department in Taiwan During the COVID-19 Pandemic: Retrospective Feasibility Study](#)

Journal of Medical Internet Research

[A joint action in times of pandemic: the German BiImaging recommendations for operating imaging core facilities during the SARS-Cov -2 emergency](#)

Journal of Quantitative Cell Science

[A Proposed Lottery System to Allocate Scarce COVID-19 Medications](#)

JAMA

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[A Safe and Efficient, Naturally Ventilated Structure for COVID-19 Surge Capacity in Singapore](#)

Infection Control & Hospital Epidemiology

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[Aeromedical Evacuations during the COVID-19 Pandemic: Practical Considerations for Patient Transport](#)

Canadian Journal of Emergency Medicine

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[Between-centre differences for COVID-19 ICU mortality from early data in England](#)

Intensive Care Medicine

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[Impact of the COVID-19 pandemic on orthopedic trauma workload in a London level 1 trauma center: the “golden month”](#)

The COVid Emergency Related Trauma and orthopaedics (COVERT) Collaborative

[Novel design for door handle—a potential technology to reduce hand contamination in the COVID-19 pandemic](#)

The American Journal of Medicine

[Organising a COVID-19 Triage Unit: a Swiss Perspective](#)

Emerging Microbes & Infections

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[Predictive value of National Early Warning Score 2 \(NEWS2\) for intensive care unit admission in patients with SARS-CoV-2 infection](#)

Infectious Diseases

[Reshaping of Neonatal Intensive Care Units to avoid the spread of COVID-19 to high-risk infants](#)

Infection Control & Hospital Epidemiology

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## Imaging

[Clinical Features and Chest CT Manifestations of Coronavirus Disease \(COVID-19\)](#)

American Journal of Roentgenology

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[COVID-19 Pneumonia Diagnosis Using a Simple 2D Deep Learning Framework With a Single Chest CT Image: Model Development and Validation](#)

Journal of Medical Internet Research

[CT findings of patients infected with SARS-CoV-2](#)

BMC Medical Imaging

[FDG-PET/CT imaging during the Covid-19 emergency: a southern Italian perspective](#)  
European Journal of Nuclear Medicine and Molecular Imaging

[Meta-analysis of chest CT features of patients with COVID-19 pneumonia](#)  
Journal of Medical Virology  
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[Spectrum of Imaging Findings on Chest Radiographs, US, CT, and MRI Images in Multisystem Inflammatory Syndrome in Children \(MIS-C\) Associated with COVID-19](#)  
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Case Series

[The Performance of Chest CT in Evaluating the Clinical Severity of COVID-19 Pneumonia Identifying Critical Cases Based on CT Characteristics](#)  
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[The role of initial chest X-ray in triaging patients with suspected COVID-19 during the pandemic](#)  
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[Unknown SARS-CoV-2 pneumonia detected by PET/CT in patients with cancer](#)  
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[Usefulness of lung ultrasound imaging in COVID-19 pneumonia: The persisting need of safety and evidences](#)  
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[AKI and Collapsing Glomerulopathy Associated with COVID-19 and APOL1 High-Risk Genotype](#)  
Journal of the American Society of Nephrology  
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[Managing the dialysis mode for people infected with COVID-19](#)  
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## Neurology

[Characteristics and clinical course of Covid-19 patients admitted with acute stroke](#)  
Journal of Neurology  
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[Guillain–Barré syndrome in the COVID-19 era: another occasional cluster?](#)  
Journal of Neurology  
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[Neurological manifestations of pediatric multi-system inflammatory syndrome potentially associated with COVID-19](#)  
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[Phenomenology and outcomes of in-patients with Parkinson's disease during COVID -19 pandemic](#)  
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[Stroke in COVID-19 patients—A case series from Italy](#)  
International Journal of Stroke

[Underutilization of health care for strokes during the COVID-19 outbreak](#)  
International Journal of Stroke  
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## Obesity

[A Tale of Two Pandemics: Obesity and COVID-19](#)  
Journal of Travel Medicine

[Clinical epidemiological analyses of overweight/obesity and abnormal liver function contributing to prolonged hospitalization in patients infected with COVID-19](#)  
International Journal of Obesity

[Obesity and COVID-19: immune and metabolic derangement as a possible link to adverse clinical outcomes](#)  
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[Obesity and COVID-19: The mTOR pathway as a possible culprit](#)  
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[Pharmacological Management of Obese Patients with Type 2 Diabetes amid COVID-19 Pandemic](#)  
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[Why obesity, hypertension, diabetes, and ethnicities are common risk factors for COVID-19 and H1N1 influenza infections](#)  
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[Will the COVID-19 pandemic decrease the FatMax?](#)  
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## Obstetrics & Gynaecology

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Clinical Infectious Diseases

[Can COVID-19 in pregnancy cause preeclampsia?](#)  
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Ultrasound in Obstetrics & Gynecology  
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[Maternal and Neonatal Response to COVID-19](#)  
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[Prenatal anxiety and obstetric decisions among pregnant women in Wuhan and Chongqing during the COVID-19 outbreak: a cross-sectional study](#)  
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[SARS-CoV-2 infection of the placenta](#)  
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[Should patients with obesity be more afraid of COVID-19?](#)  
Obesity Reviews

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## Oncology

[A summary of the rapid services changes made in response to staff psychological needs and maintaining care to those with cancer in light of COVID -19](#)

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[Benign course of SARS-CoV-2 infection in a series of pediatric oncology patients](#)

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[Cancer management challenge in a developing country in COVID-19 pandemic: reflection of a group of Moroccan oncologists](#)

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[Caught in the crossfire: hepato-bilio-pancreatic cancer surgery in the midst of COVID -19](#)

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[COVID-19 and gynecological cancer: a review of the published guidelines](#)

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[COVID-19 complicated by parainfluenza co-infection in a patient with chronic lymphocytic leukemia](#)

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[COVID-19, impact on myeloma patients](#)

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[Determinants of COVID-19 disease severity in patients with cancer](#)

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[New guidance for treating patients with lung cancer and COVID-19](#)

Cancer  
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[Outcomes of novel coronavirus disease 2019 \(COVID-19\) infection in 107 patients with cancer from Wuhan, China](#)

Cancer

[Planning for a pandemic: Mitigating risk to radiation therapy service delivery in the COVID-19 era](#)

Journal of Medical Radiation Sciences  
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[Practical strategies to manage cancer patients during the COVID-19 pandemic: Saudi Oncology Pharmacy Assembly Experts recommendations](#)

Journal of Oncology Pharmacy Practice

[Safety of cancer surgery during the COVID-19 pandemic](#)

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[Severe Acute Respiratory Syndrome Coronavirus 2 \(SARS-Cov-2\) infection in cancer population: Are patient-related symptoms helpful to track a harmful invisible?](#)

International Journal of Cancer  
Letter to the editor

[Treatment of Hepatocellular Carcinoma \(HCC\) during the COVID-19 Outbreak: The Working Group Report of JAMTT-HCC](#)

Hepatology Research  
Special Report

[Virtual Management of Patients With Cancer During the COVID-19 Pandemic: Web-Based Questionnaire Study](#)

Journal of Medical Internet Research

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## Ophthalmology

[A simple and effective protective shield for the ophthalmoscope to prevent COVID -19](#)

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[Examining the need for eye protection for COVID-19 prevention in the community](#)

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[Implications of SARS CoV-2 positivity in amniotic membranes for ophthalmologists](#)

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[Ocular Manifestations of Hospitalized Patients with COVID-19 in Northeast of Iran](#)

Ocular Immunology and Inflammation

[Optometry in times of pandemic: Spanish flu \(1919\) versus COVID -19 \(2020\)](#)

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[SARS-CoV-2 self-isolation: recommendations for people with a vision impairment](#)

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## Palliative Care

[Bereavement Care in the Wake of COVID-19: Offering Condolences and Referrals](#)

Annals of Internal Medicine  
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[Preparing a young palliative care unit for the COVID-19 pandemic in a teaching hospital in Ghana](#)

Palliative & Supportive Care

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## Pathology

[A neutralizing human antibody binds to the N-terminal domain of the Spike protein of SARS-CoV-2](#)

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[A summary of the diagnostic and prognostic value of hemocytometry markers in COVID-19 patients](#)

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[An In Vitro Microneutralization Assay for SARS-CoV-2 Serology and Drug Screening](#)

Current Protocols  
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[Analysis of factors affecting the prognosis of COVID-19 patients and viral shedding duration](#)

Epidemiology & Infection

[Antiviral activities of mycophenolic acid and IMD-0354 against SARS-CoV-2](#)

Microbiology and Immunology  
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[Autoantibodies related to systemic autoimmune rheumatic diseases in severely ill patients with COVID-19](#)

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[Autophagy and SARS-CoV-2 infection: A possible smart targeting of the autophagy pathway](#)

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[Autophagy/virophagy: a “disposal strategy” to combat COVID-19](#)

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[Experimental aerosol survival of SARS-CoV-2 in artificial saliva and tissue culture media at medium and high humidity](#)

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[Identification of common deletions in the spike protein of SARS-CoV-2](#)

Journal of Virology

[Immunoinformatics study to search epitopes of spike glycoprotein from SARS-CoV-2 as potential vaccine](#)

Journal of Biomolecular Structure and Dynamics

[Immunology of COVID-19: mechanisms, clinical outcome, diagnostics and perspectives – a report of the European Academy of Allergy and Clinical Immunology \(EAACI\)](#)

Allergy  
Position Paper

[Inhibition of SARS-CoV-2 Infection by the Cyclophilin Inhibitor Alisporivir \(Debio 025\)](#)

Antimicrobial Agents and Chemotherapy

[Insights into SARS-CoV-2, the Coronavirus Underlying COVID-19: Recent Genomic Data and the Development of Reverse Genetics Systems](#)

Journal of General Virology

[In silico identification of potential inhibitors from Cinnamon against main protease and spike glycoprotein of SARS CoV-2](#)

Journal of Biomolecular Structure and Dynamics

[In-silico investigation of phytochemicals from Asparagus racemosus as plausible antiviral agent in COVID-19](#)

Journal of Biomolecular Structure and Dynamics

[Is targeting Akt a viable option to treat advanced-stage COVID-19 patients?](#)

American Journal of Physiology Lung Cellular and Molecular Physiology  
Perspectives

[Molecular Basis for ADP-ribose Binding to the Mac1 Domain of SARS-CoV-2 Nsp3](#)

Biochemistry

[Molecular diagnosis of COVID-19: Challenges and research needs](#)

Analytical Chemistry

[Pharmacoinformatics and molecular dynamics simulation studies reveal potential covalent and FDA-approved inhibitors of SARS-CoV-2 main protease 3CL<sup>pro</sup>](#)

Journal of Biomolecular Structure and Dynamics

[SARS-CoV-2-reactive interferon- \$\gamma\$ -producing CD8<sup>+</sup> T cells in patients hospitalized with Coronavirus Disease 2019](#)

Journal of Medical Virology

[SARS-CoV-2 viral loads and serum IgA/IgG immune responses in critically ill COVID-19 patients](#)

Intensive Care Medicine  
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[Structural and functional conservation of the programmed -1 ribosomal frameshift signal of SARS coronavirus 2 \(SARS-CoV-2\)](#)

Journal of Biological Chemistry

[Structural Basis of the SARS-CoV-2/SARS-CoV Receptor Binding and Small-Molecule Blockers as Potential Therapeutics](#)

Annual Review of Pharmacology and Toxicology

[Structural plasticity of SARS-CoV-2 3CL Mpro active site cavity revealed by room temperature X-ray crystallography](#)

Nature Communications

[VEGF-D: a novel biomarker for detection of COVID-19 progression](#)

Critical Care  
Research Letter

[Virtual screening and dynamics of potential inhibitors targeting RNA binding domain of nucleocapsid phosphoprotein from SARS-CoV-2](#)

Journal of Biomolecular Structure and Dynamics

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## Public Health

[A Call for a Three-Tiered Pandemic Public Health Strategy in Context of SARS-CoV-2](#)

Rejuvenation Research

[Air Pollution and Covid-19: The Role of Particulate Matter in the Spread and Increase of Covid-19's Morbidity and Mortality](#)

International Journal of Environmental Research and Public Health

[Beyond survival: Practical wellness tips during the COVID-19 pandemic](#)

Canadian Journal of Emergency Medicine  
Commentary

[‘Distancers’ and ‘non-distancers’? The potential social psychological impact of moralizing COVID-19 mitigating practices on sustained behaviour change](#)



British Journal of Social Psychology

[Influence of the life style parameters including dietary habit, chronic stress and environmental factors and jobs on the human health in relation to COVID-19 pandemic](#)  
Disaster Medicine and Public Health Preparedness

[Tracking, tracing, trust: contemplating mitigating the impact of COVID -19 through technological interventions](#)  
The Medical Journal of Australia  
Letter

[UK response to covid-19: obfuscation, misrepresentation, and ignoring advice](#)  
BMJ  
Letter

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## Pulmonary/Respiratory

[Mechanics of Breathing and Gas Exchange in Mechanically Ventilated Patients with COVID-19 Associated Respiratory Failure](#)  
American Journal of Respiratory and Critical Care Medicine

[SARS-CoV-2-induced Acute Respiratory Distress Syndrome: Pulmonary Mechanics and Gas Exchange Abnormalities](#)  
Annals of the American Thoracic Society

[Severe Hypoxemia in Early COVID-19 Pneumonia](#)  
American Journal of Respiratory and Critical Care Medicine

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## Surgery

[Aesthetic Surgery During COVID-19](#)  
Aesthetic Surgery Journal  
Letter to the editor

[Are you surgically current? Lessons from aviation for returning to non-urgent surgery following COVID-19](#)  
British Journal of Oral and Maxillofacial Surgery

[I-ACTSS-COVID-19—the Italian acute care and trauma surgery survey for COVID-19 pandemic outbreak](#)  
Updates in Surgery

[Sense and sensibility through confusing surgical practices during COVID -19 pandemic](#)  
ANZ Journal of Surgery  
Perspective

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## Telehealth

[Patient acceptance of using telemedicine for follow-up of lupus nephritis in the COVID-19 outbreak](#)  
Annals of the Rheumatic Diseases  
Correspondence

[Rapid Utilization of Telehealth in a Comprehensive Cancer Center as a Response to COVID-19](#)  
JMIR Preprints

[Telehealth as a Bright Spot of the COVID-19 Pandemic: Recommendations From the Virtual Frontlines \("Frontweb"\)](#)  
JMIR Public Health and Surveillance

[Using eHealth to Support COVID-19 Education, Self-Assessment, and Symptom Monitoring in the Netherlands: Observational Study](#)  
JMIR MHealth and uHealth

[Using Mind–Body Modalities via Telemedicine during the COVID-19 Crisis: Cases in the Republic of Korea](#)  
International Journal of Environmental Research and Public Health

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## Testing

[A Proposed COVID-19 Testing Algorithm](#)  
Disaster Medicine and Public Health Preparedness

[Analytical and Clinical Comparison of Three Nucleic Acid Amplification Tests for SARS-CoV-2 Detection](#)  
Journal of Clinical Microbiology

[Antibody Testing for COVID-19](#)  
American Journal of Clinical Pathology  
Letter to the editor

[Antibody tests for identification of current and past infection with SARS-CoV-2](#)  
Cochrane Database of Systematic Reviews

[Follow up investigation of asymptomatic COVID-19 cases at diagnosis in Busan, Korea](#)  
Epidemiology and Health

[Older age is associated with sustained detection of SARS-CoV-2 in nasopharyngeal swab samples](#)  
Journal of Infection  
Letter to the editor

[Persistent positivity and fluctuations of SARS-CoV-2 RNA in clinically-recovered COVID-19 patients](#)  
Journal of Infection

[Post discharge positive re-tests in COVID-19: common but clinically non-significant](#)  
Infectious Diseases  
Letter to the editor

[Preoperative SARS-CoV-2 screening: Can it really rule out COVID-19?](#)  
Canadian Journal of Anesthesia  
Editorial

[Should Asymptomatic and Low-Risk Individuals be Tested for SARS-CoV-2?](#)  
Journal of General Internal Medicine

[Temperature screening has negligible value for control of COVID -19](#)  
Emergency Medicine Australasia  
Short Report

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## Transplant

[Clinical utility of pre-transplant ophthalmic consultation for lung transplant recipients: implications in the COVID-19 pandemic era](#)  
Graefe's Archive for Clinical and Experimental Ophthalmology  
Letter to the editor

[COVID-19 in an international European liver transplant recipient cohort](#)  
Gut

[COVID-19 in Recent Heart Transplant Recipients: Clinicopathologic Features and Early Outcomes](#)

Transplant Infectious Disease

[COVID-19 infection in solid organ transplant recipients: a single center experience with patients immediately after transplantation](#)

Transplant Infectious Disease  
Case Report

[COVID-19 Pneumonia in Kidney Transplant Recipients: Focus on Immunosuppression Management](#)

Transplant Infectious Disease

[Effect of COVID-19 on liver transplantation in KOREA](#)

Transplant Infectious Disease

[Heart Transplant Recipient Patient with COVID-19 Treated with Tocilizumab](#)

Transplant Infectious Disease

[Lessons from SARS-CoV-2 screening in a Brazilian Organ Transplant Unit](#)

Transplant Infectious Disease

[Outpatient Management of Kidney Transplant Recipients with Suspected COVID-19- Single Center Experience during the New York City Surge](#)

Transplant Infectious Disease  
Short Communication

[Pharmacist-driven education for solid organ transplant recipients in the COVID-19 era](#)

Clinical Transplantation  
Letter to the editor

[SARS-CoV-2 infection in kidney transplant recipients: experience of the italian marche region](#)

Transplant Infectious Disease

[There are no best practices in a pandemic: Organ donation within the COVID-19 epicenter](#)

American Journal of Transplantation  
Communication

[Unusually high rates of acute rejection during the COVID-19 pandemic: cause for concern?](#)

Kidney International

[Varied clinical presentation and outcome of SARS-CoV-2 infection in liver transplant recipients: initial experience at a single center in Madrid, Spain](#)

Transplant Infectious Disease

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## Treatments

[A brief review of interplay between vitamin D and angiotensin-converting enzyme 2: Implications for a potential treatment for COVID -19](#)

Reviews in Medical Virology  
Review

[Application of remote diagnosis and treatment during the COVID-19 outbreak and their preliminary outcomes](#)

JMIR mHealth and uHealth

[Can artificial intelligence identify effective COVID-19 therapies?](#)

EMBO Molecular Medicine  
News

[GM-CSF-based treatments in COVID-19: reconciling opposing therapeutic approaches](#)

Nature Reviews Immunology  
Perspective

[Identification of Antiviral Drug Candidates against SARS-CoV-2 from FDA-Approved Drugs](#)

Antimicrobial Agents and Chemotherapy

[IL-1R blockade is not effective in patients with hematological malignancies and severe SARS-CoV-2 infection](#)

Annals of Hematology  
Letter to the editor

[IMPACT OF GLUCOCORTICOID TREATMENT IN SARS-COV-2 INFECTION MORTALITY: A RETROSPECTIVE CONTROLLED COHORT STUDY](#)

Antimicrobial Agents and Chemotherapy

[Improved Clinical Symptoms and Mortality on Severe/Critical COVID-19 Patients Utilizing Convalescent Plasma Transfusion](#)

Blood

[Is there any supportive evidence for low dose radiotherapy for COVID-19 pneumonia?](#)

International Journal of Radiation Biology  
Review

[Opioids/cannabinoids as a potential therapeutic approach in COVID-19 patients](#)

Expert Review of Respiratory Medicine  
Editorial

[Meditation and Yoga Practices as Potential Adjunctive Treatment of SARS-CoV-2 Infection and COVID-19: A Brief Overview of Key Subjects](#)

The Journal of Alternative and Complementary Medicine

[Remdesivir \(GS-5734\) as a therapeutic option of 2019-nCoV main protease – in silico approach](#)

Journal of Biomolecular Structure and Dynamics

[Repurposing anticancer drugs for COVID-19-induced inflammation, immune dysfunction, and coagulopathy](#)

British Journal of Cancer  
Comment

[Screening of Chloroquine, Hydroxychloroquine and its derivatives for their binding affinity to multiple SARS-CoV-2 protein drug targets](#)

Journal of Biomolecular Structure and Dynamics

[Shenhuang granule in the treatment of severe coronavirus disease 2019 \(COVID-19\): study protocol for an open-label randomized controlled clinical trial](#)

Trials  
Study Protocol

[Tocilizumab's efficacy in COVID-19 patients is determined by the presence of cytokine storm](#)

Journal of Medical Virology  
Letter to the editor

[Validity of the UK Early Access to Medicines Scheme Criteria for Remdesivir use in patients with COVID-19 disease](#)

Journal of Infection  
Letter to the editor

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## Urology

[Analysis of patients undergoing urological intervention amid the COVID-19: experience from the pandemic hospital](#)

International Urology and Nephrology

[Managing change in the urology department of a large hospital in Italy during the COVID-19 pandemic](#)

International Journal of Urology

# Vaccine

[Elucidation of Cellular Targets and Exploitation of the Receptor Binding Domain of SARS-CoV-2 for vaccine and monoclonal antibody synthesis](#)

Journal of Medical Virology

[Preclinical data from SARS-CoV-2 mRNA vaccine](#)

Nature Reviews Immunology

Summary

[Vaccine development and therapeutic design for 2019-nCoV/SARS-CoV-2: Challenges and chances](#)

Journal of Cellular Physiology

Review

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## Miscellaneous

[Asymptomatic and Pre-Symptomatic COVID-19 in China](#)

Infectious Diseases of Poverty

Editorial

[Asymptomatic COVID-19 Patients Can Contaminate Their Surroundings: an Environment Sampling Study](#)

mSphere

[Asymptomatic SARS-CoV-2 infection: the tip or the iceberg?](#)

Thorax

Commentary

[Beyond the Linguistic/Medical Anthropology Divide: Retooling Anthropology to Face COVID-19](#)

Medical Anthropology

[Beyond the lung involvement in COVID-19 patients. A review](#)

Minerva Medica

Review

[Can nanotechnology help in the fight against COVID-19?](#)

Expert Review of Anti-infective Therapy

Review

[Framework for Managing the COVID-19 Infodemic: Methods and Results of an Online, Crowdsourced WHO Technical Consultation](#)

Journal of Medical Internet Research

[Immunity and protection from COVID-19—Environmental mycobacteria play a role](#)

Journal of Medical Virology

Letter to the editor

[Infographic. Graduated return to play guidance following COVID-19 infection](#)

British Journal of Sports Medicine

[The Impact of the COVID-19 “Infodemic” on Drug-Utilization Behaviors: Implications for Pharmacovigilance](#)

Drug Safety

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# Dynamed Plus - COVID-19 (Novel Coronavirus)

Latest updates

## 26 JUN 2020

9,473,214 confirmed cases of coronavirus disease 2019 (COVID-19) including 484,249 deaths worldwide reported by World Health Organization (WHO) as of June 26, 2020 (WHO Situation Report 2020 Jun 26)

[View in topic](#)

## 26 JUN 2020

coinfection with other respiratory pathogens common in children with COVID-19 (PLoS Med 2020 Jun)

[View in topic](#)

## 25 JUN 2020

there is no evidence that ivermectin is effective for patients with COVID-19; Pan American Health Organization (PAHO) recommends against use of ivermectin for unauthorized indications (PAHO 2020 Jun 23)

[View in topic](#)

## 25 JUN 2020

maculopapular lesions most common skin manifestation in patients with COVID-19 in Spain (Br J Dermatol 2020 Apr 29 early online)

[View in topic](#)

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## Public Health England

Topics added/updated in the last week

[Coronavirus \(COVID-19\): providing home care](#) – Updated 24 June

Information for those providing personal care to people living in their own home during the coronavirus outbreak.

[COVID-19: guidance on shielding and protecting people defined on medical grounds as extremely vulnerable](#) - Updated: 23 June 2020

[Coronavirus \(COVID-19\): getting tested](#) – Updated 26 June

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## World Health Organisation – Rolling Updates

**No updates since 17 June**

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## 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](#)

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New England Journal of Medicine

NHS UK

Oxford University Press

Patient.Info

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