## COVID-19 Evidence Update

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### Useful Links

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
  - Royal College of Obstetrics & Gynaecologists

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COVID-19 Coronavirus (COVID-19), pregnancy and women’s health

Royal College of Paediatrics and Child Health Royal College of Pathologists
Key topics COVID 19 COVID-19 Resources Hub

Royal College of Psychiatrists Royal College of Surgeons
COVID-19: Community mental health settings COVID-19 Information Hub

Royal Pharmaceutical Society British Society of Echocardiography
COVID-19 COVID-19 clinical guidance

British Society of Gastroenterology British Society for Haematology
COVID 19 updates COVID-19 Updates

British Society for Rheumatology Combined Intensive Care Society, Association of
COVID-19 updates for members Anaesthetists, Royal College of Anaesthetists,
Faculty of Intensive Care Medicine guidance
Clinical Guidance

Healthcare Workers

Preventing psychological injury during the covid-19 pandemic
BMJ Letter

Implementing Physical Distancing in the Hospital: A Key Strategy to Prevent Nosocomial Transmission of COVID-19
Journal of Hospital Medicine Perspective

Bereavement support on the frontline of COVID-19: Recommendations for hospital clinicians
Journal of Pain and Symptom Management

Optimizing response in surgical systems during and after COVID-19 pandemic: Lessons from China and the UK – Perspective
International Journal of Surgery

COVID-19 pandemic as a watershed moment: A call for systematic psychological health care for frontline medical staff
Journal of Health Psychology

Partha Kar: Covid-19 and ethnicity—why are all our angels white?
BMJ

Recommendations for emergency departments receiving patients with vital signs absent from paramedics during COVID-19
Canadian Journal of Emergency Medicine

Dealing with Skin Reactions to Gloves During the COVID-19 Pandemic
Infection Control & Hospital Epidemiology
ICU capacity management during the COVID-19 pandemic using a process simulation
Intensive Care Medicine
Letter

Psychological stress of ICU nurses in the time of COVID-19
Critical Care

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**Children & Neonates**

Don’t Forget the Bubbles: An Evidence Summary of Paediatric Covid-19 Literature

Where have all the children gone? Decreases in paediatric emergency department attendances at the start of the COVID-19 pandemic of 2020
Archives of Disease in Childhood
Letter

A single-center, retrospective study of COVID-19 features in children: a descriptive investigation
BMC Medicine
Research Article

ACE2, COVID-19, and ACE Inhibitor and ARB Use during the Pandemic: The Pediatric Perspective
Hypertension

Hyperinflammatory shock in children during COVID-19 pandemic
Lancet
Correspondence

Severe Pediatric COVID-19 Presenting With Respiratory Failure and Severe Thrombocytopenia
Pediatrics

Interim Guidance for Basic and Advanced Life Support in Children and Neonates With Suspected or Confirmed COVID-19
Pediatrics

Early Neonatal SARS-CoV-2 Infection Manifesting With Hypoxemia Requiring Respiratory Support
Pediatrics

Late-Onset Neonatal Sepsis in a Patient with Covid-19
NEJM
Correspondence

Coronavirus disease (COVID-19): Characteristics in children and considerations for dentists providing their care
International Journal of Paediatric Dentistry
Editorial

Dynamic adaptation to COVID-19 in a Singapore paediatric emergency department
Emergency Medicine Journal
Report from the front

Demand for BCG Vaccine Due to Unproven Claims of its Role in Preventing COVID-19 Is Causing Shortages of Vaccines for Infants in Japan
The Pediatric Infectious Disease Journal
Letter
A CASE OF CHILDHOOD COVID-19 INFECTION WITH PLEURAL EFFUSION COMPLICATED BY POSSIBLE SECONDARY MYCOPLASMA PNEUMONIAE INFECTION

The Pediatric Infectious Disease Journal
Brief Report

Caring for Pediatric Patients with Diabetes amidst the COVID-19 Storm
The Journal of Pediatrics

Defining Essential Services for Deaf and Hard of Hearing Children during the COVID-19 Pandemic
Otolaryngology–Head and Neck Surgery

Favourable outcome of Coronavirus-19 in a 1-year-old girl with acute myeloid leukaemia and severe treatment-induced immunosuppression
British Journal of Haematology
Letter

COVID-19 infection in children and adolescents with cancer in Madrid
Pediatric Blood & Cancer
Letter to the editor

A single-center, retrospective study of COVID-19 features in children: a descriptive investigation
BMC Medicine

Inclusion of Children in Clinical Trials of Treatments for Coronavirus Disease 2019 (COVID-19)
JAMA Pediatrics

COVID-19 in Newborns and Infants—Low Risk of Severe Disease: Silver Lining or Dark Cloud?
American Journal of Perinatology

SARS-CoV-2 disease and children under treatment for cancer
Pediatric Blood & Cancer
Letter to the editor

Hematuria Associated With SARS-CoV-2 Infection in a Child
The Pediatric Infectious Disease Journal

Co-infection and Other Clinical Characteristics of COVID-19 in Children
Pediatrics

COVID-19 in a 26-week preterm neonate
Lancet Child & Adolescent Health
Case Report

COVID-19 in Neonates and Infants - Progression and Recovery
The Pediatric Infectious Disease Journal

Obstetrics

Caring for Pregnant Patients with COVID-19: Practical Tips Getting from Policy to Practice
American Journal of Perinatology

Evidence for and against vertical transmission for SARS-CoV-2 (COVID-19)
American Journal of Obstetrics and Gynecology

A Postpartum Death Due to Coronavirus Disease 2019 (COVID-19) in the United States
Obstetrics & Gynecology
Coronavirus Disease 2019 (COVID-19) and Pregnancy - Combating Isolation to Improve Outcomes
Obstetrics & Gynecology
Commentary

Acute Respiratory Distress Syndrome in a Preterm Pregnant Patient With Coronavirus Disease 2019 (COVID-19)
Obstetrics & Gynecology

Touch in the Era of COVID-19
BJOG
Commentary

SARS-CoV-2 infection and glucose homeostasis in pregnancy. What about antenatal corticosteroids?
Diabetes & metabolic Syndrome: Clinical Research & Reviews

Three alternative ways to screen for hyperglycaemia in pregnancy during the COVID-19 pandemic
Diabetes & Metabolism

Postpartum exacerbation of antenatal COVID-19 pneumonia in 3 women
CMAJ

Psychological Impact of COVID-19 in pregnant women
American Journal of Obstetrics and Gynecology

Maternal mental health in the time of the COVID-19 pandemic
Acta Obstetricia et Gynecologica Scandinavica
Editorial

Critically ill pregnant patient with COVID-19 and neonatal death within two hours of birth
International Journal of Gynecology & Obstetrics
Brief Communication

Effectiveness of a COVID-19 screening questionnaire for pregnant women at admission to an obstetric unit in Milan
International Journal of Gynecology & Obstetrics
Brief Communication

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**Adults and Older People**

SARS-CoV-2 infection among patients with systemic autoimmune diseases
Autoimmunity Reviews

COVID-19 will severely impact older people's lives, and in many more ways than you think!
Brazilian Journal of Physical Therapy
Editorial

The Impact of Covid-19 Pandemic on Elderly Mental Health
International Journal of Geriatric Psychiatry
Research Article

MANAGEMENT OF OLDER PEOPLE DURING THE COVID-19 OUTBREAK: RECOMMENDATIONS FROM AN ITALIAN EXPERIENCE
International Journal of Geriatric Psychiatry
Preventive strategy for the clinical treatment of hip fractures in the elderly during the COVID-19 outbreak: Wuhan’s experience
Aging
Letter to the editor

A Unique Presentation of Delirium in a Patient with Otherwise Asymptomatic COVID-19
Journal of the American Geriatrics Society
Brief Report

Delirium: a missing piece in the COVID-19 pandemic puzzle
Age and Ageing

Frailety in the Face of COVID-19
Age and Ageing

Decision-Making in COVID-19 and Frailty
Geriatrics

COVID-19 in Older People: A Rapid Clinical Review
Age and Ageing

Sex Differences in Mortality from COVID-19 Pandemic: Are Men Vulnerable and Women Protected?
JACC: Case Reports

SARS-CoV-2, Testosterone and frailty in males (PROTEGGIMI): A multidimensional research project
Andrology

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**Palliative Care**

A dual-centre observational review of hospital based palliative care in patients dying with COVID-19
Journal of Pain and Symptom Management
Review

Palliative care in the time of COVID-19
The Journal of Pain and Symptom Management

COVID-19: A Time for Creative Compassion
Journal of Palliative Medicine

Systems Barriers to Assessment and Treatment of COVID-19 Positive Patients at the End of Life
Journal of Palliative Medicine

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**Oncology**

The Society for Immunotherapy of Cancer perspective on regulation of interleukin-6 signaling in COVID-19-related systemic inflammatory response
Journal for ImmunoTherapy of Cancer
Position article
Androgen-deprivation therapies for prostate cancer and risk of infection by SARS-CoV-2: a population-based study (n=4532)
Annals of Oncology

Neurosurgical management of brain and spine tumors in the COVID-19 era: an institutional experience from the epicenter of the pandemic
Journal of Neuro-oncology

Neuro-oncology Management During the COVID-19 Pandemic With a Focus on WHO Grade III and IV Gliomas
Neuro-Oncology

COVID-19 – Impact on DNR Orders in the Largest Cancer Center in Jordan
Journal of Pain and Symptom Management

Management of Febrile Neutropenia Associated With SARS-CoV-2 Infection in a Patient With Cancer
JCO Oncology Practice

Concomitant hemorrhagic syndrome and recurrent extensive arterial thrombosis in a patient with COVID-19 and acute promyelocytic leukemia
British Journal of Haematology

SARS-CoV-2 infection anxieties and general population restrictions delay diagnosis and treatment of acute haematological malignancies
British Journal of Haematology Letter

Rapid implementation of an evidence-based remote triaging system for assessment of suspected referrals and patients with head and neck cancer on follow-up after treatment during the COVID-19 pandemic: Model for international collaboration
Head & Neck

How to face cancer treatment in the COVID-19 era
Expert Review of Anticancer Therapy
Editorial

Perspectives on the Recommendations for Skin Cancer Management During the COVID-19 Pandemic
Journal of the American Academy of Dermatology

Digestive

Practical Advice for Management of IBD Patients during the COVID-19 Pandemic: A World Endoscopy Organization Statement
Digestive Endoscopy

Liver injury in critically ill patients with COVID-19: a case series
Critical Care Research Letter

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

Resumption of daily services in a Gastroenterology department in Guangzhou, China, in the wake of COVID-19
Coronavirus Disease-19 (COVID-19) associated with severe acute pancreatitis: Case report on three family members
Pancreateology

Going Viral: Management of IBD in the Era of the COVID-19 Pandemic
Digestive Diseases and Sciences

Anti-TNF-α Agents in Inflammatory Bowel Disease and Course of COVID-19
Inflammatory Bowel Diseases

Gastrointestinal effects of an attempt to "disinfect" from COVID-19
Histopathology

Taste Changes (Dysgeusia) in COVID-19: A systematic review and metaanalysis
Gastroenterology

Striving to protect patients and healthcare professionals in endoscopy units during pandemics: from SARS to COVID-19
Gastroenterology

Pulmonary/Respiratory

Recommendations for Endotracheal Intubation of COVID-19 Patients
Anesthesia & Analgesia
Editorial

Controversies in Respiratory Protective Equipment Selection and Use During COVID-19
Journal of Hospital Medicine
Perspective

Sleep apnoea management in Europe during the COVID-19 pandemic: data from the European Sleep Apnoea Database (ESADA)
European Respiratory Journal
Research Letter

Studies on viral pneumonia related to novel coronavirus SARS-CoV-2, SARS-CoV, and MERS-CoV: a literature review
Journal of Pathology, Microbiology and Immunology
Review

Epidermal Growth Factor Receptor (EGFR) Tyrosine Kinase Inhibitor (TKI)-Associated Interstitial Lung Disease During the COVID-19 Pandemic
Journal of Thoracic Oncology

Differentiating COVID-19 Pneumonia from Acute Respiratory Distress Syndrome (ARDS) and High Altitude Pulmonary Edema (HAPE): Therapeutic Implications
Circulation

Abnormal pulmonary function in COVID-19 patients at time of hospital discharge
European Respiratory Journal

Inhaled corticosteroids and COVID-19: a systematic review and clinical perspective
European Respiratory Journal
COVID-19 pandemic: the effects of quarantine on cardiovascular risk
European Journal of Clinical Nutrition

Recognizing COVID-19-related myocarditis: the possible pathophysiology and proposed guideline for diagnosis and management
Heart Rhythm

Multivessel coronary thrombosis in a patient with COVID-19 pneumonia
European Heart Journal

ST-elevation myocardial infarction and pulmonary embolism in a patient with COVID-19 acute respiratory distress syndrome
European Heart Journal

Coronavirus Disease (COVID-19) - Implications for Cardiovascular and Socially At-risk Populations
Journal of Cardiovascular Nursing

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**Nephrology**

SARS-CoV-2 Infection in Hospitalized Patients with Kidney Disease
Kidney International Reports
Research Letter

Management of COVID-19 in hemodialysis patients: The Genoa Experience
Hemodialysis International
Letter to the Editor

Acute Kidney Injury in COVID-19: Emerging Evidence of a Distinct Pathophysiology
Journal of the American Society of Nephrology

COVID-19–Associated Collapsing Glomerulopathy: Q1 An Emerging Entity
Kidney International Reports

Recommendations for prevention and management of COVID-19 in peritoneal dialysis patients
Chronic Diseases and Translational Medicine

Acute Kidney Injury in SARS-CoV-2 Infection: Direct Effect of Virus on Kidney Proximal Tubule Cells
International Journal of Molecular Sciences

Ultrastructural Evidence for Direct Renal Infection with SARS-CoV-2
JASN
Rapid Communication

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**Transplant**

COVID-19 pandemic and impact on hematopoietic stem cell transplantation
Bone Marrow Transplantation
Correspondence

Early Experience of COVID-19 in Two Heart Transplant Recipients: Case Reports and Review of Treatment Options
Preliminary Analysis of the Impact of COVID-19 Outbreak on Italian Liver Transplant Programs

Liver Transplantation

Utilization of deceased donors during a pandemic: An argument against using SARS-CoV-2 positive donors
American Journal of Transplantation

Preliminary data on outcomes of SARS-CoV-2 infection in a Spanish single centre cohort of kidney recipients
American Journal of Transplantation

Kidney transplantation with pre-symptomatic COVID-19 positive surgeon
American Journal of Transplantation
Letter to the editor

Blood
Caring for Patients with Venous Insufficiency During the COVID-19 Pandemic at a Tertiary Care Center
Journal of Vascular Surgery: Venous and Lymphatic Disorders

High risk of thrombosis in patients with severe SARS-CoV-2 infection: a multicenter prospective cohort study
Intensive Care Medicine

Venous thromboembolism and heparin use in COVID-19 patients: juggling between pragmatic choices, suggestions of medical societies
Journal of Thrombosis and Thrombolysis

Prediction of severe illness due to COVID-19 based on an analysis of initial Fibrinogen to Albumin Ratio and Platelet count
Platelets

Incidence of venous thromboembolism in hospitalized patients with COVID-19
Journal of Thrombosis and Haemostasis

Pulmonary intravascular coagulation in COVID-19: possible pathogenesis and recommendations on anticoagulant/thrombolytic therapy
Journal of Thrombosis and Thrombolysis
Letter to the editor

Vascular access in COVID-19 patients: Smart decisions for maximal safety
The Journal of Vascular Access

Thrombocytopenia as an initial manifestation of Covid-19; Case Series and Literature review
British Journal of Haematology
Letter

COVID-19 Infection and Sickle Cell Disease: A UK Centre Experience
British Journal of Haematology
Letter

Vox Sanguinis International Forum on Transfusion Services about Response to COVID-19
Vox Sanguinis
Coagulopathy of COVID-19 and antiphospholipid antibodies
Journal of Thrombosis and Haemostasis
Letter to the editor

Practical guidance for the management of adults with Immune Thrombocytopenia during the COVID-19 pandemic
British Journal of Haematology

Pathology
Using the diagnostic model based on routine laboratory tests to distinguish patients infected with SARS-CoV-2 from those infected with influenza virus
International Journal of Infectious Diseases

Saliva testing for COVID-19?
British Dental Journal
Letter

Biological plausibility for interactions between dietary fat, resveratrol, ACE2, and SARS-CoV illness severity
American Journal of Physiology Endocrinology and Metabolism
Perspective

Deducing the N- and O-glycosylation profile of the spike protein of novel coronavirus SARS-CoV-2
Glycobiology

Post-mortem examination of COVID19 patients reveals diffuse alveolar damage with severe capillary congestion and variegated findings of lungs and other organs suggesting vascular dysfunction
Histopathology

Pathological inflammation in patients with COVID-19: a key role for monocytes and macrophages
Nature Reviews Immunology

Multicenter Evaluation of the Cepheid Xpert Xpress SARS-CoV-2 Test
Journal of Clinical Microbiology

Rapid and sensitive detection of SARS-CoV-2 RNA using the Simplexa™ COVID-19 direct assay
Journal of Clinical Virology

Rapid and Sensitive Detection of COVID-19 Using CRISPR/Cas12a-based Detection with Naked Eye Readout, CRISPR/Cas12a-NER
Science Bulletin

Using IL-2R/lymphocyte for predicting the clinical progression of patients with COVID-19
Journal of Translational Immunology

Cell entry mechanisms of SARS-CoV-2
PNAS

Andrographolide as a potential inhibitor of SARS-CoV-2 main protease: an in silico approach
Journal of Biomolecular Structure and Dynamics
Discovery of potential multi-target-directed ligands by targeting host-specific SARS-CoV-2 structurally conserved main protease
Journal of Biomolecular Structure and Dynamics

Pooling of Nasopharyngeal Swab Specimens for SARS-CoV-2 detection by RT-PCR
Journal of Medical Virology
Letter to the editor

Letter to the Editor: Three cases of re-detectable positive SARS-CoV-2 RNA in recovered COVID-19 patients with antibodies
Journal of Medical Virology
Letter to the editor

A comparison study of SARS-CoV-2 IgG antibody between male and female COVID-19 patients: a possible reason underlying different outcome between sex
Journal of Medical Virology
Research Article

Evaluation of SARS-CoV-2 neutralizing antibodies using of a CPE-based Colorimetric live virus micro-neutralization assay in human serum samples
Journal of Medical Virology
Research Article

In silico studies on the comparative characterization of the interactions of SARS-CoV-2 spike glycoprotein with ACE-2 receptor homologs and human TLRs
Journal of Medical Virology
Research Article

A Peptide-based Magnetic Chemiluminescence Enzyme Immunoassay for Serological Diagnosis of Coronavirus Disease 2019 (COVID-19)
The Journal of Infectious Diseases

Comparison of SARS-CoV-2 Detection from Nasopharyngeal Swab Samples by the Roche cobas® 6800 SARS-CoV-2 Test and a Laboratory-Developed Real-Time RT-PCR test
Journal of Medical Virology
Short Communication

Expression of the SARS-CoV-2 Entry Proteins, ACE2 and TMPRSS2, in Cells of the Olfactory Epithelium: Identification of Cell Types and Trends with Age
ACS Chemical Neuroscience
Letter

An Extensive Meta-Metagenomic Search Identifies SARSCoV-2-Homologous Sequences in Pangolin Lung Viromes
mSphere

Tropism, replication competence, and innate immune responses of the coronavirus SARS-CoV-2 in human respiratory tract and conjunctiva: an analysis in ex-vivo and in-vitro cultures
Lancet Respiratory Medicine

Molecular detection of SARS-CoV-2 in formalin fixed paraffin embedded specimens
JCI Insight

T cell subset counts in peripheral blood can be used as discriminatory biomarkers for diagnosis and severity prediction of COVID-19
The Journal of Infectious Diseases

Comparison of Two High-Throughput Reverse Transcription-Polymerase Chain Reaction Systems for the Detection of Severe Acute Respiratory Syndrome Coronavirus 2
Journal of Clinical Microbiology
Detection of IgM and IgG antibodies in patients with coronavirus disease 2019
Clinical & Translational Immunology

Bioinformatic prediction of potential T cell epitopes for SARS-Cov-2
Journal of Human Genetics

SARS-CoV-2: air/aerosols and surfaces in laboratory and clinical settings
Journal of Hospital Infection

Double-Edged Spike—Are SARS-CoV-2 Serologic Tests Safe Right Now?
LabMedicine

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Vaccine

Balancing Expediency and Scientific Rigor in SARS-CoV-2 Vaccine Development
The Journal of Infectious Diseases

Towards effective COVID-19 vaccines: Updates, perspectives and challenges (Review)
International Journal of Molecular Medicine

Current development of COVID-19 diagnostics, vaccines and therapeutics
Microbes and Infection

An Evidence Based Perspective on mRNA-SARS-CoV-2 Vaccine Development
Medical Science Monitor

3CL Hydrolase Based Multi Epitope Peptide Vaccine Against Sars-CoV-2 Using Immunoinformatics
Journal of Medical Virology

Development of SARS-CoV-2 vaccines: should we focus on mucosal immunity?
Expert Opinion on Biological Therapy
Editorial

Development of an inactivated vaccine candidate for SARS-CoV-2
Science

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Treatments

Tocilizumab for the treatment of severe coronavirus disease 2019
Journal of Medical Virology
Research Article

Tocilizumab for cytokine storm syndrome in COVID-19 pneumonia: an increased risk for candidemia?
Autoimmunity Reviews

Potential Therapeutic Targets and Promising Drugs for Combating SARS-CoV-2
British Journal of Pharmacology

Impact of corticosteroid therapy on outcomes of persons with SARS-CoV-2, SARS-CoV, or MERS-CoV infection: a systematic review and meta-analysis
Leukemia

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Study of combining virtual screening and antiviral treatments of the Sars-CoV-2 (Covid-19)
Microbial Pathogenesis

HiJAKing SARS-CoV-2? The potential role of JAK inhibitors in the management of COVID-19
Science Immunology

Additional safety consideration for azithromycin in the management of SARS-CoV-2 infection
CMAJ
Letter

SARS-CoV-2 RNA polymerase as target for antiviral therapy
Journal of Translational Medicine
Commentary

Role of adjunctive treatment strategies in COVID-19 and a review of international and national clinical guidelines
Military Medical Research
Review

A Trial of Lopinavir–Ritonavir in Adults Hospitalized with Severe Covid-19
NEJM
Article

Old and new antirheumatic drugs for the treatment of COVID-19
Joint Bone Spine
Editorial

Novel coronavirus 2019 (COVID-19) - A case report and review of treatments
Medicine
Research Article

COVID-19 Convalescent Plasma; Phase 2
Transfusion

Angiotensin-converting-enzyme inhibitors (ACE inhibitors) and Angiotensin II receptor blocker (ARB) Use in COVID-19 prevention or treatment: A Paradox
Infection Control & Hospital Epidemiology

FDA-approved thiol-reacting drugs that potentially bind into the SARS-CoV-2 main protease, essential for viral replication
Journal of Biomolecular Structure and Dynamics

Understanding the binding affinity of noscapines with protease of SARS-CoV-2 for COVID-19 using MD simulations at different temperatures
Journal of Biomolecular Structure and Dynamics

Early treatment of COVID-19 patients with hydroxychloroquine and azithromycin: A retrospective analysis of 1061 cases in Marseille, France
Travel Medicine and Infectious Disease

Identification of antiviral drug candidates against SARS-CoV-2 from FDA-approved drugs
Antimicrobial Agents and Chemotherapy

Why judiciously timed anti-IL 6 therapy may be of benefit in severe COVID-19 infection
Autoimmunity Reviews

Convalescent plasma in Covid-19: Possible mechanisms of action
Autoimmunity Reviews
Continuous hydroxychloroquine or colchicine therapy does not prevent infection with SARS-CoV-2: Insights from a large healthcare database analysis
Autoimmunity Reviews

Association of Treatment Dose Anticoagulation with In-Hospital Survival Among Hospitalized Patients with COVID-19
Journal of the American College of Cardiology

RAAs inhibitors and outcome in patients with SARS-CoV-2 pneumonia. A case series study.
Hypertension

Observational Study of Hydroxychloroquine in Hospitalized Patients with Covid-19
NEJM

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**Imaging**

Can computed tomography be a primary tool for COVID-19 detection? Evidence appraisal through meta-analysis
Critical Care Research Letter

COVID-19 with cystic features on computed tomography - A case report
Medicine Research Article

Tracheobronchitis signs observed on ventilation lung scintigraphy during the course of COVID-19 infection
European Journal of Nuclear Medicine and Molecular Imaging

Early Lessons on the Importance of Lung Imaging in Novel Coronavirus Disease (COVID-19)
The American Journal of Tropical Medicine and Hygiene

Interpretation of CT signs of 2019 novel coronavirus (COVID-19) pneumonia
European Radiology

The use of PET in COVID 19 cases
Journal of Thoracic Oncology

Corona Virus Disease 2019 (COVID-19): the image tells the truth
Infection

Brain MRI Findings in Patients in the Intensive Care Unit with COVID-19 Infection
Radiology

On Lung Ultrasound Patterns Specificity in the Management of COVID-19 Patients
Journal of Ultrasound in Medicine Letter to the editor

Can Chest CT Features Distinguish Patients With Negative From Those With Positive Initial RT-PCR Results for Coronavirus Disease (COVID-19)?
American Journal of Roentgenology

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Community and Mental Health

COVID-19: maintaining essential rehabilitation services across the care continuum
BMJ Global Health
Commentary

Coronavirus Disease 19 (COVID-19): Implications for Clinical Dental Care
Journal of Endodontics
Review

Home Hospice Services during COVID-19: Ensuring Comfort in Unsettling Times in Singapore
Journal of Palliative Medicine
Letter to the editor

Digital physical therapy in the COVID-19 pandemic
Brazilian Journal of Physical Therapy
Editorial

Musculoskeletal Physical Therapy During the COVID-19 Pandemic: Is Telerehabilitation the Answer?
Physical Therapy

COVID-19 Pandemic and Beyond: Considerations and Costs of Telehealth Exercise Programs for Older Adults With Functional Impairments Living at Home—Lessons Learned from a Pilot Case Study
Physical Therapy

Moral Injury in Times of COVID-19
Journal of Health Service Psychology

COVID-19 pandemic: changing the way we live and die
British Journal of Community Nursing

COVID-19 and district and community nursing
British Journal of Community Nursing

Long-term conditions and severe acute respiratory syndrome SARS-CoV-2 (COVID-19)
British Journal of Community Nursing

Exergames as Coping Strategies for Anxiety Disorders During the COVID-19 Quarantine Period
Games for Health Journal
Commentary

Electronic screening through community engagement: A national strategic plan to find COVID-19 patients and reduce clinical intervention delays
Infection Control & Hospital Epidemiology

Validation and Psychometric Evaluation of the Italian Version of the Fear of COVID-19 Scale
International Journal of Mental Health and Addiction
Brief Report

An e-mental health intervention to support burdened people in times of the COVID-19 pandemic: CoPE It
Journal of Public Health

Mental health and COVID-19: change the conversation
Lancet Psychiatry
Hidden in plain sight: Addressing the unique needs of high risk psychiatric populations during COVID-19 pandemic
Psychiatry and Clinical Neurosciences
Letter to the editor

Achieving Good Mental Health during COVID-19 Social Isolation
The British Journal of Psychiatry

Safe and informed prescribing of psychotropic medication during the COVID-19 pandemic
The British Journal of Psychiatry

First Things First: Parent Psychological Flexibility and Self-Compassion During COVID-19
Behavior Analysis in Practice

Mental Health & COVID-19: is the virus racist?
The British Journal of Psychiatry

Human needs in COVID-19 isolation
Journal of Health Psychology

Primary Care Providers: Discuss COVID-19-Related Goals of Care with Your Vulnerable Patients Now
Journal of General Internal Medicine

Psychosis in a patient with anxiety related to COVID-19: A case report
Psychiatry Research
Letter to the editor

Use of telemedicine to provide clinical pharmacy services during the SARS-CoV-2 pandemic
American Journal of Health-System Pharmacy

Ophthalmology

The case for continuing elective cataract surgery during the COVID-19 pandemic
Journal of Cataract & Refractive Surgery
Correspondence

Current safety preferences for intravitreal injection during COVID-19 pandemic
Eye
Comment

New evidence of SARS-CoV-2 transmission through the ocular surface
Graefe’s Archive for Clinical and Experimental Ophthalmology
Letter to the Editor

Surgeon’s protection during ophthalmic surgery in the Covid-19 era: a novel fitted drape for ophthalmic operating microscopes
Eye
Comment
Dermatology

Clinical considerations for managing dermatology patients on systemic immunosuppressive and/or biologic therapy during COVID-19 pandemic
Journal of the American Academy of Dermatology

Chilblains are a common cutaneous finding during the COVID-19 pandemic: a retrospective nationwide study from France
Journal of the American Academy of Dermatology

Chilblain-like lesions: a case series of 41 patients during the COVID-19 pandemic
Clinical and Experimental Dermatology
Letter

Inpatient Teledermatology During the COVID-19 Pandemic
Journal of Dermatological Treatment

Performing dermoscopy in the COVID-19 pandemic
Dermatologic Therapy

Dermatological diseases presented before COVID-19: Are patients with psoriasis and superficial fungal infections more vulnerable to the COVID-19?
Dermatologic Therapy

New emerging dermatological symptoms in coronavirus pandemic
Journal of Cosmetic Dermatology
Letter to the editor

Symmetric cutaneous vasculitis in COVID-19 pneumonia
Journal of the European Academy of Dermatology and Venereology
Letter to the editor

Evolution of COVID-19 infection in 4 psoriatic patients treated with biological drugs
Journal of the European Academy of Dermatology and Venereology
Letter to the editor

Treatment of nasal bridge ulceration related to protective measures for the COVID-19 epidemic
International Wound Journal
Letter to the editor

Challenges in the management of critical ill COVID-19 patients with pressure ulcer
International Wound Journal
Letter to the editor

Diabetes

A Diabetic Patient With 2019-nCoV (COVID-19) Infection Who Recovered and Was Discharged From Hospital
Journal of Thoracic Imaging
Research letter

Association of Blood Glucose Control and Outcomes in Patients with COVID-19 and Pre-existing Type 2 Diabetes
Cell Metabolism
Report
Home-based training strategy to maintain muscle function in older adults with diabetes during COVID-19 confinement
Journal of Diabetes
Commentary

Timely glucose monitoring-related potential risk of occupational exposure during the pandemic of COVID-19: A diabetologist's perspective
Diabetes Research & Clinical Practice
Letter to the editor

Guidelines for the management of diabetes in care homes during the Covid-19 pandemic
Diabetic Medicine

Interactions between antihyperglycemic drugs and the renin-angiotensin system: Putative roles in COVID-19. A mini-review
Diabetes & Metabolic Syndrome: Clinical Research & Reviews

The Silver Lining to COVID-19: Avoiding Diabetic Ketoacidosis Admissions with Telehealth
Diabetes Technology & Therapeutics

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**Miscellaneous**

Quantifying the impact of physical distance measures on the transmission of COVID-19 in the UK
BMC Medicine
Research Article

The management of coronavirus disease 2019 (COVID-19)
Journal of Medical Virology
Review

SARS-CoV-2 human disinfection chambers: a critical analysis
Occupational Medicine

Impact of COVID-19 pandemic on SLE: beyond the risk of infection
Lupus Science & Medicine
Letter

Off the back burner: diverse and gender-inclusive decision-making for COVID-19 response and recovery
BMJ Global Health
Commentary

Lymphopenia is associated with severe coronavirus disease 2019 (COVID-19) infections: A systemic review and meta-analysis
International Journal of Infectious Diseases

The role of triage in the prevention and control of COVID-19
Infection Control & Hospital Epidemiology

Smell and taste symptom-based predictive model for COVID-19 diagnosis
International Forum of Allergy & Rhinology

Early recovery following new onset anosmia during the COVID-19 pandemic – an observational cohort study
Journal of Otolaryngology - Head & Neck Surgery
A 5-point strategy for improved connection with relatives of critically ill patients with COVID-19
Lancet Respiratory Medicine

Individualized prediction nomograms for disease progression in mild COVID-19
Journal of Medical Virology
Research Article

Oral vesiculobullous lesions associated with SARS-CoV-2 infection
Oral Diseases

The Prevalence of Olfactory and Gustatory Dysfunction in COVID-19 Patients: A Systematic Review and Meta-analysis
Otolaryngology–Head and Neck Surgery

Olfactory and gustatory dysfunction caused by SARS-CoV-2: comparison with cases of infection with influenza and other viruses
Infection Control & Hospital Epidemiology

Patient Follow-up after Discharge after COVID-19 Pneumonia: Considerations for Infectious Control
Journal of Medical Virology
Review

Preserving stroke care during the COVID-19 pandemic
Neurology

Parenteral fish oil emulsions in critically ill COVID-19 emulsions
Journal of Parenteral and Enteral Nutrition
Letter to the editor

Epidemiology and clinical features of emergency department patients with suspected COVID-19: Initial results from the COVED Quality Improvement Project (COVED-1)
Emergency Medicine Australasia

Is BCG vaccination causally related to reduced COVID-19 mortality?
EMBO Molecular Medicine
Commentary

Caring for bereaved family members during the COVID-19 pandemic: before and after the death of a patient
Journal of Pain and Symptom Management

Tracheotomy in Ventilated Patients With COVID-19
Annals of Surgery

Novel Coronavirus COVID-19 - Current Evidence and Evolving Strategies
The Journal of Bone & Joint Surgery

Characteristics and Early Prognosis of COVID-19 Infection in Fracture Patients
The Journal of Bone & Joint Surgery
Latest updates

8 MAY 2020
3,759,967 confirmed cases of coronavirus disease 2019 (COVID-19) including 259,474 deaths worldwide reported by World Health Organization (WHO) as of May 8, 2020 (WHO Situation Report 2020 May 8)
View in topic

8 MAY 2020
tocilizumab reported to reduce fever, pulmonary lesions, and inflammatory markers in patients with severe or critical COVID-19 (Proc Natl Acad Sci U S A 2020 Apr 29 early online)
View in topic

7 MAY 2020
nomogram using 7 factors helps predict progression to severe disease in adults with nonsevere COVID-19 (Clin Infect Dis 2020 Apr 16 early online)
View in topic

7 MAY 2020
male sex, age > 65 years, current smoking status, and comorbidities including diabetes, cardiovascular disease, respiratory disease, and hypertension each associated with critical disease or death in patients with COVID-19 (J Infect 2020 Apr 23 early online)
View in topic

4 MAY 2020
FDA issues Emergency Use Authorization (EUA) permitting emergency use of remdesivir for treatment of suspected or confirmed COVID-19 in patients hospitalized with severe disease (FDA Emergency Use Authorization 2020 May 1)
View in topic

4 MAY 2020
FDA issues Emergency Use Authorization for National Aeronautics and Space Administration Ventilator Intervention Technology Accessible Locally (NASA VITAL) ventilator specifically designed to treat patients with COVID-19 (FDA emergency use authorization 2020 Apr 30)
View in topic

4 MAY 2020
remdesivir within 10 days of symptom onset might shorten time to clinical improvement in adults admitted to hospital with COVID-19 (Lancet 2020 Apr 29 early online)
View in topic

Public Health England
Topics added/updated in the last week

COVID-19: management of exposed healthcare workers and patients in healthcare settings 6 May 2020

COVID-19: guidance for first responders 9 May 2020
40th anniversary of global eradication of smallpox holds lessons for overcoming COVID-19 - 8 May 2020

On May 8, 1980, the World Health Assembly confirmed the eradication of smallpox, marking the end of a disease that had plagued humanity for at least 3000 years, killing 300 million people in the 20th century alone.

It was ended thanks to a 10-year global effort, spearheaded by the World Health Organization, that involved thousands of health workers around the world to administer half a billion vaccinations to stamp out smallpox.

Speaking at a virtual event hosted at WHO-HQ, WHO Director-General Dr Tedros Adhanom Ghebreyesus outlined what the eradication of smallpox can teach us about using basic public health solutions, science and solidarity to rise to the challenge of COVID-19.

“Many of the basic public health tools that were used successfully then are the same tools that have been used to respond to Ebola, and to COVID-19: disease surveillance, case finding, contact tracing, and mass communication campaigns to inform affected populations.”

Smallpox eradication was only possible because of a safe and effective vaccine. With COVID-19, WHO is working to drive forward the ‘Access to COVID-19 Tools (ACT) Accelerator’, which aims to ensure that new health technologies will be developed, manufactured and distributed equitably.

Dr Tedros noted that humanity’s victory over smallpox is a reminder of what is possible when nations come together to fight a common health threat: “The decisive factor in the victory over smallpox was global solidarity. At the height of the Cold War, the Soviet Union and the United States of America joined forces to conquer a common enemy. They recognized that viruses do not respect nations or ideologies.”

Key materials:
- WHO Director-General’s opening remarks at the media briefing on COVID-19 - 8 May 2020
- Video recording of 8 May 2020 media briefing
- LinkedIn article: Lessons from Smallpox Eradication Should Inspire Effort to Overcome COVID-19
- Video: 40th anniversary of smallpox eradication

WHO marks the International Day of the Midwife and Hand Hygiene Day - 5 May 2020

Hand Hygiene Day mobilizes people around the world to increase adherence to hand hygiene in health care facilities. This year, the campaign theme, “Save Lives: Clean your hands”, is aligned with the Year of the Nurse and the Midwife and highlights the critical role of nurses and midwives in infection prevention, protecting health care workers and patients.

International Day of the Midwife paid tribute to midwives for continuing to show resilience and provide life-saving services to pregnant women, ensuring healthy outcomes for women and their babies – all amidst the COVID 19 pandemic.

Key materials:
- International Day of the Midwife 2020 webpage
- Hand Hygiene Day webpage
- Nurses and midwives are critical to teaching hand hygiene in Pakistan
- YouTube video by Professor Pittet and WHO’s Chief Nursing Officer Elizabeth Iro presenting the “Save Lives: Clean Your Hands” campaign
- YouTube video with the Director-General on Hand Hygiene Day - “Nurses and midwives, clean care is in your hands!”

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
The Clinical Librarian team are here to help with evidence searches, current awareness and training with information seeking skills, critical appraisal and referencing. We can assist you remotely, at your place of work or in the library at the QuAD Centre.

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Aaron.Razack@porthosp.nhs.uk