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**Public Health England**
Topics added/updated in the last week

COVID-19: management of staff and exposed patients and residents in health and social care settings 31 May 2020

COVID-19: background information 29 May 2020

COVID-19: guidance for sampling and for diagnostic laboratories 29 May 2020

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**World Health Organisation – Rolling Updates**

No new updates this week

Database of global research on coronavirus disease (COVID-19)
Healthcare Workers

Mental health impact of COVID-19 pandemic on Spanish healthcare workers
Psychological Medicine

Impact of COVID-19 on the mental health of surgeons and coping strategies
Head & Neck

Alterations in smell or taste – Classic COVID-19?
Clinical Infectious Diseases

A Bioethical Perspective for Navigating Moral Dilemmas Amidst the COVID-19 Pandemic
Journal of the AAOS
Review

Balancing the duty to treat with the duty to family in the context of the COVID-19 pandemic
Journal of Medical Ethics

COVID-19 Infection: Implications for Perioperative and Critical Care Physicians
Anesthesiology

Resilience and Emotional Support in Health Care Professionals During the COVID-19 Pandemic
Journal of Psychosocial Nursing
Letter to the editor

Response of Chinese Anesthesiologists to the COVID-19 Outbreak
Anesthesiology

Perioperative Considerations in Urgent Surgical Care of Suspected and Confirmed COVID-19 Orthopaedic Patients: Operating Room Protocols and Recommendations in the Current COVID-19 Pandemic
Journal of the AAOS
Review

Children & Neonates

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

Covid-19 and Kawasaki Disease: A Glimpse at the Past for a Predictable Future
Pediatric Cardiology
Letter to the editor
Diagnosis of COVID-19 in children: the story evolves
BMC Medicine
Commentary

Multisystem Inflammatory Syndrome with Features of Atypical Kawasaki Disease during COVID-19 Pandemic
The Indian Journal of Pediatrics
Clinical Brief

Clinical Utility of Buccal Swabs for Sars-Cov-2 Detection in Covid-19-Infected Children
Journal of the Pediatric Infectious Diseases Society

Multisystem Inflammatory Syndrome in Children during the COVID-19 pandemic: a case series
Journal of the Pediatric Infectious Diseases Society

Screen time for children and adolescents during the COVID-19 pandemic
Obesity

Practical Guide for Pediatric Pulmonologists on Imaging Management of Pediatric Patients with COVID-19
Pediatric Pulmonology

Behavioral and Emotional Disorders in Children during the COVID-19 Epidemic
The Journal of Pediatrics

Corona Virus Disease 2019 and Paediatric Inflammatory Bowel Diseases
Journal of Pediatric Gastroenterology and Nutrition
Global Experience and Provisional Guidance (March 2020) from the Paediatric IBD Porto Group of European Society of Paediatric Gastroenterology, Hepatology, and Nutrition

COVID-19 in Children, Pregnancy and Neonates
The Pediatric Infectious Disease Journal

COVID-19—A Guide to Rapid Implementation of Telehealth Services
Journal of Pediatric Gastroenterology and Nutrition
A Playbook for the Pediatric Gastroenterologist

Febrile Infant: COVID-19 in Addition to the Usual Suspects
The Pediatric Infectious Disease Journal
Letter to the editor

Telemedicine for Pediatric Inflammatory Bowel Disease in the Era of COVID-19
Journal of Pediatric Gastroenterology and Nutrition
Letter to the editor

Risk Stratification and Personal Protective Equipment Use in Pediatric Endoscopy During the Coronavirus Disease 2019 Outbreak - A Single-center Protocol
Journal of Pediatric Gastroenterology and Nutrition
Use of Handheld Transceiver for Hospital Healthcare Workers-Caregiver Communication During the Coronavirus disease 2019 (COVID-19) Outbreak in Pediatric Emergency Department
The Pediatric Infectious Disease Journal
Letter to the editor

SARS-CoV-2 Infection in a Pediatric Department in Milan - A Logistic Rather Than a Clinical Emergency
The Pediatric Infectious Disease Journal
Letter to the editor

Rehospitalization of a Recovered Coronavirus Disease 19 (COVID-19) Child With Positive Nucleic Acid Detection
The Pediatric Infectious Disease Journal

Recommendations for the Care of Pediatric Orthopaedic Patients During the COVID-19 Pandemic
Journal of the AAOS
Review

Pregnancy and Birth

Symptoms and Critical Illness Among Obstetric Patients With Coronavirus Disease 2019 (COVID-19) Infection
Obstetrics & Gynecology

Ectopic Pregnancy During Coronavirus Disease 2019 (COVID-19) To Operate, or Not to Operate
Obstetrics & Gynecology

Universal Screening for SARS-CoV-2 in Women Admitted for Delivery
NEJM Correspondence

Sars-CoV-2 in the context of past coronaviruses epidemics: Consideration for prenatal care
Prenatal Diagnosis
Review

Uptrend in distress and psychiatric symptomatology in pregnant women during the COVID-19 pandemic
AOGS
Adults and Older People

Recurrence of positive SARS-CoV-2 in patients recovered from COVID-19
Journal of Medical Virology
Letter to the editor

Nutrition Therapy in Critically Ill Patients with Coronavirus Disease (COVID-19)
Journal of Parenteral and Enteral Nutrition
Review

Hospitalization and Mortality among Black Patients and White Patients with Covid-19
NEJM

Developing a guidance resource for managing delirium in patients with Covid-19
Irish Journal of Psychological Medicine

Impact of sex and gender on COVID-19 outcomes in Europe
Biology of Sex Differences
Review

Severe SARS-CoV-2 pneumonia in a 58-year-old patient with HIV: a clinical case report from the Republic of Cyprus
Journal of Medical Virology
Letter to the editor

Mental Health and Community

Loneliness and Social Isolation during the COVID-19 Pandemic
International Psychogeriatrics

Covid-19 and the need for perinatal mental health professionals: now more than ever before
Journal of Perinatology
Comment

COVID-19 in Singapore – a case series from primary care
Singapore Medical Journal

COVID-19 and prisons: Providing mental health care for people in prison, minimising moral injury and psychological distress in mental health staff
Medicine, Science and the Law

Rapid Conversion of an Outpatient Psychiatric Clinic to a 100% Virtual Telepsychiatry Clinic in Response to COVID-19
Psychiatric Services
COVID-19 effect on mental health: patients and workforce
The Lancet Psychiatry

COVID-19: overcoming the challenges faced by individuals with autism and their families
The Lancet Psychiatry

Critical Infection Control Adaptations to Survive COVID-19 in Retirement Communities
Journal of Gerontological Nursing
Editorial

Deprescribing in the time of covid-19
Drug and Therapeutics Bulletin

How Will COVID-19 Affect Long-Term Care?
The Senior Care Pharmacist

Physical Therapy in the COVID-19 Pandemic: Forging a Paradigm Shift for Rehabilitation in Acute Care
Physical Therapy
Point of View

Mental wellbeing and burnout in surgical trainees: implications for the post-COVID-19 era
British Journal of Surgery
Correspondence

Burnout in the age of COVID-19
Postgraduate Medical Journal
Reflection

Mental health impact of COVID-19 pandemic on Spanish healthcare workers
Psychological Medicine

Impact of COVID-19 on the mental health of surgeons and coping strategies
Head & Neck

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Pathology and Vaccine

Endogenous Deficiency of Glutathione as the Most Likely Cause of Serious Manifestations and Death in COVID-19 Patients
ACS Infectious Diseases
Viewpoint

Shortlisting SARS-CoV-2 Peptides for Targeted Studies from Experimental Data-Dependent Acquisition Tandem Mass Spectrometry Data
Proteomics
Dataset Brief
COVID-19 Evidence Update
Current Awareness Bulletin
2 June 2020

COVID-19, microangiopathy, hemostatic activation, and complement
The Journal of Clinical Investigation
Viewpoint

Clinical Evaluation and Utilization of Multiple Molecular In Vitro Diagnostic Assays for the Detection of SARS-CoV-2
American Journal of Clinical Pathology

Metatranscriptomic Characterization of COVID-19 Identified A Host Transcriptional Classifier Associated With Immune Signaling
Clinical Infectious Diseases

A computational prediction of SARS-CoV-2 structural protein inhibitors from Azadirachta indica (Neem)
Journal of Biomolecular Structure and Dynamics

Features of Enteric Disease from Human Coronaviruses: Implications for COVID-19
Journal of medical Virology
Review

Guidelines for Laboratory Diagnosis of Coronavirus Disease 2019 (COVID-19) in Korea
Annals of Laboratory Medicine

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Treatments

Enhanced platelet inhibition treatment improves hypoxemia in patients with severe Covid-19 and hypercoagulability. A case control, proof of concept study
Pharmacological Research

Glycyrrhetinic acid and its derivatives as potential alternative medicine to relieve symptoms in non-hospitalized COVID-19 patients
Journal of Medical Virology
Short communication

Ivermectin, antiviral properties and COVID-19: a possible new mechanism of action
Naunyn-Schmiedeberg's Archives of Pharmacology
Brief Communication

Intravenous infusion of human umbilical cord Wharton’s jelly-derived mesenchymal stem cells as a potential treatment for patients with COVID-19 pneumonia
Stem Cell Research & Therapy
Short Report

Remdesivir for 5 or 10 Days in Patients with Severe Covid-19
NEJM
Identification of Potential Inhibitors of SARS-COV-2 Endoribonuclease (EndoU) from FDA Approved Drugs: A Drug Repurposing Approach to find Therapeutics for COVID-19
Journal of Biomolecular Structure and Dynamics

COVID-19: Consider IL6 receptor antagonist for the therapy of cytokine storm syndrome in SARS-CoV-2 infected patients
Journal of Medical Virology
Commentary

Chloroquine or Hydroxychloroquine for COVID-19: Is Cardiotoxicity a Concern?
Journal of the American Heart Association

Experience with Hydroxychloroquine and Azithromycin in the COVID-19 Pandemic: Implications for QT Interval Monitoring
Journal of the American Heart Association

Audio Interview: New Data on Remdesivir in Covid-19
NEJM
Editorial

Death threats after a trial on chloroquine for COVID-19
The Lancet Infectious Diseases
News

EMA advice on renin-angiotensin system medicines during covid-19 pandemic
Drug and Therapeutics Bulletin

Hypertonic saline nasal irrigation and gargling should be considered as a treatment option for COVID-19
Journal of Global Health

Is there a role for tissue plasminogen activator as a novel treatment for refractory COVID-19 associated acute respiratory distress syndrome?
The Journal of Trauma and Acute Care Surgery

No Benefit for Lopinavir–Ritonavir in Severe COVID-19
JAMA
Clinical Trials Update

The COVIRL-001 Trial: A multicentre, prospective, randomised trial comparing standard of care (SOC) alone, SOC plus hydroxychloroquine monotherapy or SOC plus a combination of hydroxychloroquine and azithromycin in the treatment of non-critical, SARS-CoV-2 PCR-positive population not requiring immediate resuscitation or ventilation but who have evidence of clinical decline: A structured summary of a study protocol for a randomised controlled trial
Trials
Letter

Ongoing Clinical Trials for the Management of the COVID-19 Pandemic
Cell Reviews
General

The Landscape of Prescription Drug Shortages During the COVID-19 Pandemic
Journal of Medical Toxicology

Ratcheting Down the Virulence of SARS-CoV-2 in the COVID-19 Pandemic
Journal of Medical Virology
Letter to the editor

Reducing transmission of SARS-CoV-2
Science
Perspective

Improving Health Literacy Critical to Optimize Global Telemedicine During COVID-19
Telemedicine and e-Health

Managing the R0 of Covid-19: mathematics fights back
Anaesthesia

COVID-19, a UK perspective
European Journal of Emergency Medicine

European Society For Emergency Medicine position paper on emergency medical systems’ response to COVID-19
European Journal of Emergency Medicine
Review

The challenge of emergency medicine facing the COVID-19 outbreak
European Journal of Emergency Medicine
Editorial

COVID-19: has EBM been replaced by hype-based medicine?
Drug and Therapeutics Bulletin

Laparoscopy at all costs? Not now during COVID-19 outbreak and not for acute care surgery and emergency colorectal surgery
The Journal of Trauma and Acute Care Surgery

Vitamin D can prevent COVID-19 infection-induced multiple organ damage
Naunyn-Schmiedeberg's Archives of Pharmacology
Brief Communication

When will the battle against novel coronavirus end in Wuhan: A SEIR modeling analysis
Journal of Global Health
Role of biological Data Mining and Machine Learning Techniques in Detecting and Diagnosing the Novel Coronavirus (COVID-19): A Systematic Review
Journal of Medical Systems

Exposure to DPP-4 inhibitors and COVID-19 among people with type 2 diabetes. A case–control study
Diabetes, Obesity and Metabolism
Brief Report

Why is hyperglycemia worsening COVID-19 and its prognosis?
Diabetes, Obesity and Metabolism
Letter to the editor

Resilience and Emotional Support in Health Care Professionals During the COVID-19 Pandemic
Journal of Psychosocial Nursing
Letter to the editor

Obesity and COVID-19: an Italian snapshot
Obesity

Possible Role of Adipose Tissue and Endocannabinoid System in COVID-19 Pathogenesis: Can Rimonabant Return?
Obesity

Dynamed Plus - COVID-19 (Novel Coronavirus)
Latest updates

29 MAY 2020
5,701,337 confirmed cases of coronavirus disease 2019 (COVID-19) including 357,688 deaths worldwide reported by World Health Organization (WHO) as of May 29, 2020 (WHO Situation Report 2020 May 29)
View in topic

28 MAY 2020
hydroxychloroquine and chloroquine each alone or in combination with a macrolide associated with increased in-hospital mortality and de novo ventricular arrhythmia during hospitalization in patients with SARS-CoV-2 infection (Lancet 2020 May 22 early online)
View in topic

27 MAY 2020
Centers for Disease Control and Prevention (CDC) interim guidelines for COVID-19 antibody testing (CDC 2020 May 23)
View in topic
27 MAY 2020
COVID-GRAM risk calculator may help predict risk of developing critical illness in hospitalized patients with COVID-19 infection (JAMA Intern Med 2020 May early online)
View in topic

27 MAY 2020
lower lymphocyte count and higher leukocyte count each associated with severe disease in adults with COVID-19 (Emerg Infect Dis 2020 May early online)
View in topic

27 MAY 2020
SARS-CoV-2 Nucleic Acid Diagnostic Kit (Sansure) may have moderate sensitivity and high specificity to detect SARS-CoV-2 in saliva samples in analysis using respiratory samples as reference standard in symptomatic patients with history of potential exposure to SARS-CoV-2 (Clin Microbiol Infect 2020 May 15 early online)
View in topic

27 MAY 2020
estimated false-negative rates associated with RT-PCR tests reported to be 100% on day 1, 67% on day 4, and 20% on day 8 after exposure in patients with SARS-CoV-2 infection (Ann Intern Med 2020 May 13 early online)
View in topic

27 MAY 2020
FDA issues emergency use authorization permitting usage of COVID-19 Airway Management Isolation Chamber (CAMIC) in United States Army and Military Health Service healthcare settings to minimize healthcare personnel exposure to airborne pathogens during patient transport, definitive airway management, and medical procedures (FDA Emergency Use Authorization 2020 May 19)
View in topic

Royal College/Society Guidance
Latest information and guidance

NICE
Rapid guidelines and evidence summaries

NHS
Coronavirus - Specialty Guides

Royal College of Psychiatrists
COVID-19: Guidance for Clinicians

Royal College of Nursing
COVID-19

Royal College of General Practitioners
COVID-19

Royal College of Emergency Medicine
Covid-19 resources
COVID-19 Evidence Update
Current Awareness Bulletin
2 June 2020

Useful Links

BMJ – latest news and resources for COVID-19
Cochrane Library
Elsevier - Novel Coronavirus Information Center
European Centre for Disease Prevention and Control
GOV.UK
Health Services Journal (HSJ)
Knowledge for Healthcare
New England Journal of Medicine
NHS UK
NICE
Oxford University Press
Public Health England Library
The Oxford Centre for Evidence Based Medicine
UpToDate
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