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### New or Updated Guidance

#### Department of Health and Social Care
- [REACT-1 study of coronavirus transmission: March 2021 final results](#)
- [JCVI statement on use of the AstraZeneca COVID-19 vaccine: 7 April 2021](#)
- [JCVI final statement on phase 2 of the COVID-19 vaccination programme: 13 April 2021](#)

#### Public Health England
- [COVID-19 vaccination: blood clotting information for healthcare professionals](#)
- [Impact of COVID-19 vaccines on mortality in England: December 2020 to March 2021](#)
- [National protocol for COVID-19 Vaccine Moderna](#)
- [National protocol for COVID-19 mRNA vaccine BNT162b2 (Pfizer/BioNTech) UPDATED](#)
- [National protocol for COVID-19 Vaccine AstraZeneca (ChAdOx1-S [recombinant]) UPDATED](#)

#### NICE
- [COVID-19 rapid guideline: managing COVID-19 UPDATED](#)
- [COVID-19 rapid guideline: dermatological conditions treated with drugs affecting the immune response UPDATED](#)
- [COVID-19 rapid guideline: gastrointestinal and liver conditions treated with drugs affecting the immune response UPDATED](#)

#### Scientific Advisory Group for Emergencies
- [Imperial College London: Evaluating England’s Roadmap out of Lockdown, 30 March 2021](#)
- [UKOSS/ISARIC/CO-CIN: Females in Hospital with SARS-CoV-2 infection, the association with pregnancy and pregnancy outcomes, 25 March 2021](#)
- [SPI-M-O: Consensus statement on COVID-19: Consensus statement from the Scientific Pandemic Influenza Group on Modelling, Operational sub-group (SPI-M-O) for the Scientific Advisory Group for Emergencies (SAGE).](#)
Official Resources & Statistics

DHSC
- Coronavirus dashboard
- NHS test and trace statistics (England)
- PPE deliveries statistics (England): weekly reports
- Coronavirus data informing local and national decision-making
- The R number and growth rate in the UK

DHSC/PHE
- COVID-19: guidance for health professionals

PHE
- Coronavirus (COVID-19): guidance
- COVID-19: background information epidemiology, virology and clinical features
- COVID-19: impacts on health - reports and tools
- Wider impacts of COVID-19 on health: monitoring tool
- National flu and COVID-19 surveillance reports
- COVID-19: reported SARS-CoV-2 deaths in England
- COVID-19 variants: genomically confirmed case numbers

MHRA
- Coronavirus (COVID-19) vaccine adverse reactions
  A weekly report covering adverse reactions to approved COVID-19 vaccines

NHS England
- Coronavirus guidance for clinicians and NHS managers

NHS Health Education England
- Coronavirus (COVID-19)

NHS Digital
- Potential Coronavirus (COVID-19) symptoms reported through NHS Pathways and 111 online
- [MI] Coronavirus Shielded Patient List Summary Totals, England
- Coronavirus vaccine studies volunteers dashboard

Office for National Statistics
- Coronavirus (COVID-19) Latest data and analysis on coronavirus (COVID-19)
- Coronavirus (COVID-19) Infection Survey: Statistical bulletins
• Coronavirus (COVID-19) Infection Survey, antibody and vaccination data for the UK: 14 April 2021
• ONS: Differential impacts of the Coronavirus pandemic on men and women, 24 March 2021

West Yorkshire Association of Acute Trusts
• Statement on current Covid-19 hospital inpatient cases in West Yorkshire and Harrogate

Journals
An NHS Athens account may be required for full text access, register here

BMJ
• Covid-19: a disaster five years in the making
• Covid-19: Hospital admissions and deaths could rise this summer, modellers warn

JAMA [Journal of the American Medical Association]
• Helping the Public Understand Adverse Events Associated With COVID-19 Vaccinations: Lessons Learned From Functional Neurological Disorder
• Characteristics and Disease Severity of US Children and Adolescents Diagnosed With COVID-19
• Genome Analysis for Sequence Variants in SARS-CoV-2 Among Asymptomatic Individuals in a Long-term Care Facility
• The Potential Future of the COVID-19 Pandemic: Will SARS-CoV-2 Become a Recurrent Seasonal Infection?
• COVID-19 Vaccines vs Variants—Determining How Much Immunity Is Enough
• Assessment of Pediatric Admissions for Kawasaki Disease or Infectious Disease During the COVID-19 State of Emergency in Japan
• Development of COVIDVax Model to Estimate the Risk of SARS-CoV-2–Related Death Among 7.6 Million US Veterans for Use in Vaccination Prioritization
• Trends in Geographic and Temporal Distribution of US Children With Multisystem Inflammatory Syndrome During the COVID-19 Pandemic
• Variation in US Hospital Mortality Rates for Patients Admitted With COVID-19 During the First 6 Months of the Pandemic
• Effect of Ivermectin on Time to Resolution of Symptoms Among Adults With Mild COVID-19: A Randomized Clinical Trial
• Discriminant Accuracy of the SOFA Score for Determining the Probable Mortality of Patients With COVID-19 Pneumonia Requiring Mechanical Ventilation
• Postoperative In-Hospital Morbidity and Mortality of Patients With COVID-19 Infection Compared With Patients Without COVID-19 Infection
The Lancet

- 6-month neurological and psychiatric outcomes in 236 379 survivors of COVID-19: a retrospective cohort study using electronic health records
- SARS-CoV-2 infection rates of antibody-positive compared with antibody-negative healthcare workers in England: a large, multicentre, prospective cohort study (SIREN)
- Inhaled budesonide in the treatment of early COVID-19 (STOIC): a phase 2, open-label, randomised controlled trial
- A randomized, double-blind, placebo-controlled phase 1 trial of inhaled and intranasal niclosamide: A broad spectrum antiviral candidate for treatment of COVID-19
- An evaluation of the mental health impact of SARS-CoV-2 on patients, general public and healthcare professionals: A systematic review and meta-analysis
- Association between pre-existing respiratory disease and its treatment, and severe COVID-19: a population cohort study
- Comparison of seven commercial SARS-CoV-2 rapid point-of-care antigen tests: a single-centre laboratory evaluation study

New England Journal of Medicine

- Audio Interview: Vaccine Successes and Vaccine Adverse Events
- BNT162b2 mRNA Covid-19 Vaccine in a Nationwide Mass Vaccination Setting
- SARS-CoV-2 Antibody Response in Persons with Past Natural Infection
- Antibody Persistence through 6 Months after the Second Dose of mRNA-1273 Vaccine for Covid-19
- Susceptibility of Circulating SARS-CoV-2 Variants to Neutralization
- Thrombotic Thrombocytopenia after ChAdOx1 nCov-19 Vaccination

Nursing Standard

- Free Access to news and evidence-based resources relevant to the COVID-19 pandemic.

Mark Allen Group

- Coronavirus (COVID-19): articles and resources Mark Allen Healthcare journals.

Research & Reviews

BMJ Case Reports

- Leucocytoclastic vasculitis secondary to COVID-19 infection in a young child
- COVID-19-associated inflammatory syndrome in an adult woman with unexplained multiple organ failure: staying vigilant for COVID-19 complications as the pandemic surges
- Does withdrawal of immunosuppression in rheumatoid arthritis after SARS-CoV-2 infection increase the risk of vasculitis?
- Favourable outcome after a delayed complication secondary to COVID-19
COVID-19 pneumonia successfully managed with high-flow nasal cannula in a 15-year-old boy
Internuclear ophthalmoplegia as a presenting feature in a COVID-19-positive patient
COVID-19 multisystemic inflammatory syndrome in adults: a not to be missed diagnosis
COVID-19 IgG-related autoimmune inflammatory necrotizing myositis

Elsevier/Science Direct
Modelling strategies to organize healthcare workforce during pandemics: application to COVID-19
Confronting COVID-19-associated cough and the post-COVID syndrome: role of viral neurotropism, neuroinflammation, and neuroimmune responses
More severe hypercoagulable state in acute COVID-19 pneumonia as compared to other pneumonia
Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study
External Validation and Update of Prediction Models for Unfavorable Outcomes in Hospitalized Patients with COVID-19 in Japan
Application of intravenous immunoglobulin (IVIG) to modulate inflammation in critical COVID-19 - A theoretical perspective
Metabolomics reveals sex-specific metabolic shifts and predicts the duration from positive to negative in non-severe COVID-19 patients during recovery process
A randomized, double-blind, placebo-controlled phase 1 trial of inhaled and intranasal niclosamide: A broad spectrum antiviral candidate for treatment of COVID-19
Determinants of enhanced vulnerability to COVID-19 in UK cancer patients: a European Study
Third force in the treatment of COVID-19: A systematic review and meta-analysis
Initial clinical characteristics of gravid SARS-CoV-2 positive patients and the risk of progression to severe COVID-19 disease
Classical and Counter-regulatory Renin-angiotensin System: potential key roles in COVID-19 pathophysiology
Epigenome-wide association study of COVID-19 severity with respiratory failure
Spike is the most recognized antigen in the whole-blood platform in both acute and convalescent COVID-19 patients
Alterations of frontal-temporal gray matter volume associate with clinical measures of older adults with COVID-19

Oxford University Press
Impact of the SARS-CoV-2 (COVID-19) crisis on surgical training: global survey and a proposed framework for recovery
In Silico Evaluation of Cyclophilin Inhibitors as Potential Treatment for SARS-CoV-2
• Sera neutralizing activities against SARS-CoV-2 and multiple variants six month after hospitalization for COVID-19
• Nosocomial outbreak of COVID-19 by possible airborne transmission leading to a superspreading event
• Bioinformatics and system biology approach to identify the influences of SARS-CoV-2 infections to idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease patients

Nature
• Mortality outcomes with hydroxychloroquine and chloroquine in COVID-19 from an international collaborative meta-analysis of randomized trials
• Data suggest COVID-19 affected numbers greatly exceeded detected numbers, in four European countries, as per a delayed SEIQR model
• A compartmental model that predicts the effect of social distancing and vaccination on controlling COVID-19
• Role of interferon therapy in severe COVID-19: the COVIFERON randomized controlled trial
• A comprehensive evaluation of early potential risk factors for disease aggravation in patients with COVID-19
• Pattern of inflammatory immune response determines the clinical course and outcome of COVID-19: unbiased clustering analysis
• Genetic evidence for the association between COVID-19 epidemic severity and timing of non-pharmaceutical interventions
• A reporting and analysis framework for structured evaluation of COVID-19 clinical and imaging data

Preprints

Wiley Open Research
• These are preprints and have not been peer reviewed. Data may be preliminary.

medRxiv and bioRxiv
• Preliminary reports of work not yet certified by peer review. Added daily.

Europe PubMed Central
• Coronavirus articles and preprints

Information Sources
• Cochrane Library
• CORD-19 Explorer A full-text search engine for the COVID-19 Open Research Dataset
• Covid-19 Best Evidence "Front Door"
• COVID-19 Evidence Alerts from McMaster PLUSTM
• Dynamed
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