COVID-19 Bulletin
Official Guidance & Emerging Evidence

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Produced by the NHS Staff Library and Knowledge Service

Mid Yorkshire Hospitals NHS Trust
midyorks.library.pgh@nhs.net
New or Updated Guidance

Public Health England
COVID-19: long-term health effects UPDATED
COVID-19 vaccination: information for healthcare practitioners UPDATED
Safety of COVID-19 vaccines when given in pregnancy UPDATED

Scientific Advisory Group for Emergencies
ISARIC4C and CO-CIN: Hospitalised vaccinated patients during the second wave - update April 2021, 22 April 2021
SPI-M-O: Medium-term projections, 14 April 2021

NHS Confederation
COVID-19 and the female health and care workforce survey update

Specialist Pharmacy Service
Getting ready to use COVID-19 Vaccines in Community Pharmacies

Official Resources & Statistics

DHSC
• NHS test and trace statistics (England)
• PPE deliveries statistics (England): weekly reports
• The R number and growth rate in the UK
• COVID-19 surveillance and immunity studies
• Coronavirus dashboard

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

PHE
• Coronavirus (COVID-19): guidance
• 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: genotypically confirmed case numbers

MHRA
• Coronavirus (COVID-19) vaccine adverse reactions

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)
• Coronavirus (COVID-19) Infection Survey: Statistical bulletins
• Coronavirus (COVID-19) latest insights

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
• Arterial events, venous thromboembolism, thrombocytopenia, and bleeding after vaccination with Oxford-AstraZeneca ChAdOx1-S in Denmark and Norway: population based cohort study

JAMA [Journal of the American Medical Association]
• Effect of Helmet Noninvasive Ventilation vs High-Flow Nasal Oxygen on Days Free of Respiratory Support in Patients With COVID-19 and Moderate to Severe Hypoxemic Respiratory Failure: The HENIVOT Randomized Clinical Trial
Clinical Characteristics and Transmission of COVID-19 in Children and Youths During 3 Waves of Outbreaks in Hong Kong

Trends in Patient Characteristics and COVID-19 In-Hospital Mortality in the United States During the COVID-19 Pandemic

Association of Smoking and Cumulative Pack-Year Exposure With COVID-19 Outcomes in the Cleveland Clinic COVID-19 Registry

Assessment of SARS-CoV-2 RNA Test Results Among Patients Who Recovered From COVID-19 With Prior Negative Results

Association of SARS-CoV-2 Seropositive Antibody Test With Risk of Future Infection

Researchers Tie Severe Immunosuppression to Chronic COVID-19 and Virus Variants

The Lancet

Ethnic differences in SARS-CoV-2 infection and COVID-19-related hospitalisation, intensive care unit admission, and death in 17 million adults in England: an observational cohort study using the OpenSAFELY platform

Prevalence of antibody positivity to SARS-CoV-2 following the first peak of infection in England: Serial cross-sectional studies of 365,000 adults

Tocilizumab in patients admitted to hospital with COVID-19 (RECOVERY): a randomised, controlled, open-label, platform trial

Changes in COVID-19 in-hospital mortality in hospitalised adults in England over the first seven months of the pandemic: An observational study using administrative data

Severe COVID-19 in people with type 1 and type 2 diabetes in Sweden: A nationwide retrospective cohort study

Impact and effectiveness of mRNA BNT162b2 vaccine against SARS-CoV-2 infections and COVID-19 cases, hospitalisations, and deaths following a nationwide vaccination campaign in Israel: an observational study using national surveillance data

3-month, 6-month, 9-month, and 12-month respiratory outcomes in patients following COVID-19-related hospitalisation: a prospective study

An integrated understanding of long-term sequelae after acute COVID-19

PODCAST

Ethnic disparities in English COVID-19 outcomes and the OpenSAFELY project

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.
BMJ Case Reports

- Platypnoea–orthodeoxia syndrome in COVID-19
- Reactive non-sexually related acute genital ulcers associated with COVID-19

Canadian Medical Association journal

- Individual and social determinants of SARS-CoV-2 testing and positivity in Ontario, Canada: a population-wide study

Elsevier/Science Direct

- Longitudinal analysis of humoral immunity against SARS-CoV-2 Spike in convalescent individuals up to eight months post-symptom onset
- Psychological impact of the COVID-19 pandemic on hospital workers over time: Relationship to occupational role, living with children and elders, and modifiable factors
- Providing health services effectively during the first wave of COVID-19: a cross-country comparison on planning services, managing cases, and maintaining essential services
- Assessing Efficacy of Antiviral Therapy for COVID-19 Patients: A Case Study on Remdesivir with Bayesian Synthesis Design and Multistate Analysis
- Low dose radiation therapy for severe COVID-19 pneumonia: a randomized double-blind study
- Kinetics and correlates of the neutralizing antibody response to SARS-CoV-2 infection in humans
- Epicardial adipose tissue characteristics, obesity and clinical outcomes in COVID-19: a post-hoc analysis of a prospective cohort study
- The use of Janus Kinase inhibitors in hospitalized patients with COVID-19: Systematic review and meta-analysis
- Lifestyle risk factors and infectious disease mortality, including COVID-19, among middle aged and older adults: Evidence from a community-based cohort study in the United Kingdom
- An analysis on fit-testing of Respiratory Protective equipment in the UK during the initial response to the Covid-19 pandemic
- A Pilot study for treatment of COVID-19 patients in moderate stage using Intravenous administration of Ozonized saline as an adjuvant treatment- Registered Clinical Trial
- Does vitamin D serum level affect prognosis of COVID-19 patients?
- A predictive model of clinical deterioration among hospitalized COVID-19 patients by harnessing hospital course trajectories
- Use of virtual reality in the inpatient rehabilitation of COVID-19 patients
• Seroprevalence of SARS-CoV-2 Antibodies in University Students: cross-sectional study, December 2020, England
• Acute Symptomatic Seizures and COVID-19: Hospital-Based Study
• Higher mortality in lung cancer patients with COVID-19? A systematic review and meta-analysis
• Economic impact of avoidable cancer deaths caused by diagnostic delay during the COVID-19 pandemic: a national population-based modelling study in England, UK.

Oxford University Press

• Improving the Outcomes of Immunocompromised Patients with COVID-19
• An evolutionary portrait of the progenitor SARS-CoV-2 and its dominant offshoots in COVID-19 pandemic
• Hyperglycemia Is Associated With Increased Mortality in Critically Ill Patients With COVID-19
• Obesity Is Associated With Intensive Care Use and Duration of ICU Stay but Not Mortality Among 3246 Patients Hospitalized With COVID-19
• Abnormal Sodium is a Predictor for Respiratory Failure and Mortality in Hospitalized Patients With COVID-19
• Is Metformin Use Associated With a Decreased Mortality for COVID-19 Diabetic Patients? A Meta-Analysis
• Adrenal Hyperplasia as Possible Predictor of Mortality in Patients Admitted for Suspected SARS-Cov-2 Infection: A Prospective Study
• Interactions between SARS-CoV-2 and influenza, and the impact of coinfection on disease severity: a test-negative design
• Use of matrix-assisted laser desorption ionization time-of-flight mass spectrometry analysis of serum peptidome to classify and predict COVID-19 severity
• Lives and Costs Saved by Expanding and Expediting COVID-19 Vaccination
• Peripheral infiltration of remdesivir in 3 patients with COVID-19: Case series and discussion
• COVID-19 vaccine induced prothrombotic immune thrombocytopenia
• Characterization of Bacterial and Fungal Infections in Hospitalized Patients with COVID-19 and Factors Associated with Healthcare-associated Infections
• SARS-CoV-2 RNAemia predicts clinical deterioration and extrapulmonary complications from COVID-19

Nature Journals

• Efficient management strategy of COVID-19 patients based on cluster analysis and clinical decision tree classification
• Delayed production of neutralizing antibodies correlates with fatal COVID-19
• Network pharmacology approach to decipher signaling pathways associated with target proteins of NSAIDs against COVID-19
- The COVID-19 lab score: an accurate dynamic tool to predict in-hospital outcomes in COVID-19 patients
- Type I and III interferon responses in SARS-CoV-2 infection
- A molecular single-cell lung atlas of lethal COVID-19

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
- Covid-19 Best Evidence "Front Door"
- COVID-19 Evidence Alerts from McMaster PLUSTM
- Dynamed
- European Centre for Disease Prevention and Control
- House of Commons Library
- Knowledge for Healthcare (Health Education England)
- LitCovid
- MRC Centre for Global Infectious Disease Analysis Covid Publications
- NIHR Innovation Observatory
- NIHR Policy Research Programme COVID-19 research
- Oxford COVID-19 Evidence Service : Centre for Evidence-Based Medicine
- PHE Knowledge and Library Services team - Finding the evidence: Coronavirus
- PHE COVID-19 Rapid Reviews
- The Strategy Unit - Analytical Collaboration for COVID-19
- Trip Database - Evidence and grey literature
- WHO Global Outbreak Alert and Response Network (GOARN)

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