List of guidance from ECDC and recent publications on COVID-19

Weekly Digest
18 September 2020

منتدى ECDC Outputs

Publications

COVID-19 testing strategies and objectives Technical report – 18 September. Read more »

COVID-19: Cases increasing across Europe. News story – 16 September. Read more »


ECDC has a dedicated page with all scientific advice publications. Read more »

Translated guidance and infographics on COVID-19. Available in 26 languages. Read more »

Situation updates on COVID-19

Daily situation update for the EU/EEA and the UK. Read more »

Daily situation update worldwide. Read more »

Situation dashboard: Interactive map with the latest available data on COVID-19. Read more »

Weekly COVID-19 country overview. Read more »

Weekly surveillance report on COVID-19. Read more »

COVID-19 data: Download today’s data, data collection, sources (Worldwide, EU/EEA and UK regional data) and interpretation of data. Read more »


Latest evidence on COVID-19 and other Information on Preparedness, Surveillance, Testing strategies & Laboratory support
Latest Evidence on COVID-19 – Find the latest evidence on SARS-CoV-2, epidemiology and transmission of COVID-19, as well as clinical characteristics, diagnostic testing and screening, immune responses and immunity, and vaccines and treatment. Read more »

Prevention and control – measures, monitoring of response activities, patient and case management. Read more »

EU level surveillance of COVID-19 - Case definition, surveillance definitions, surveillance and study protocols. Read more »

Preparedness for COVID-19 – Publications and guidance for preparedness planning. Read more »

Testing strategies - Patients requiring diagnostic testing. Read more »

Laboratory support – Laboratory support by specialized laboratories in the EU/EEA. Read more »

Other ECDC Outputs

ECDC website on COVID-19 ECDC – Read more »

ECDC Threat Reports App - The ECDC Threat Reports app is a free and open access software that gives you direct access to key updates and rapid risk assessments on communicable disease threats of concern to the EU on your mobile device. Read more »

Q & A on COVID-19 – Questions and answers. Read more »

Infographics and leaflets – Infographics, leaflets and posters on COVID-19. Read more »

Videos on COVID-19 – What do we know about the COVID-19. Read more »

Webinars and Podcasts on COVID-19 –Webinars and discussions on COVID-19. Read more »

ECDC Virtual Academy (EVA) – COVID-19 Micro learning for public health professionals. Read more »


Recent peer-reviewed publications

Disclaimer: In view of large number of COVID-19 related publications, this list is compiled based on a rapid review of titles and abstracts and subjective selection of peer-reviewed articles published between 09 and 17 September 2020, and does not include an assessment of the evidence.

1. Characteristics, interventions and longer-term outcomes of COVID-19 ICU patients in Denmark - a nationwide, observational study Acta Anaesthesiol Scand Read more »

2. Biomarkers and outcomes of COVID-19 hospitalisations: systematic review and meta-analysis BMJ Evid Based Med Read more »

3. Active testing of groups at increased risk of acquiring SARS-CoV-2 in Canada: costs and human resource needs CMAJ Read more »

4. Effects of long-term exposure to air pollutants on the spatial spread of COVID-19 in Catalonia, Spain Environ Res Read more »
COVID-19 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection in children and adolescents: a systematic review of critically unwell children and the association with underlying comorbidities

Eur J Pediatr

The Comparative Immunological Characteristics of SARS-CoV, MERS-CoV, and SARS-CoV-2 Coronavirus Infections

Front Immunol

T cell responses and therapies against SARS-CoV-2 infection

Immunology

Aerosolised COVID-19 Transmission Risk: Surgical or N95 Masks?

Infect Control Hosp Epidemiol

The Transmission Modes and Sources of COVID-19: A Systematic Review

International Journal of Surgery Open (in press)

Cause-specific death in hospitalized individuals infected with SARS-CoV-2: more than just acute respiratory failure or thromboembolic events

Intern Emerg Med

Risk factors for non-invasive/invasive-ventilatory support in patients with COVID-19 pneumonia: a retrospective study within a multidisciplinary approach

Int J Infect Dis

Review of ventilation strategies to reduce the risk of disease transmission in high occupancy buildings

International Journal of Thermofluids

Targeted therapy strategies against SARS-CoV-2 cell entry mechanisms: A systematic review of in vitro and in vivo studies

J Cell Physiol

The Wide Spectrum of COVID-19 Clinical Presentation in Children

J Clin Med

Anosmia and Ageusia as Predictive Signs of COVID-19 in Healthcare Workers in Italy: A Prospective Case-Control Study

J Clin Med

Prevalence and Associated Risk Factors of Mortality Among COVID-19 Patients: A Meta-Analysis

J Community Health

Clinical characteristics and outcomes of immunosuppressed patients hospitalized with COVID-19: experience from London

J Intern Med

The dynamics of immune response in COVID-19 patients with different illness severity

J Med Virol

Assessing a novel, lab-free, point-of-care test for SARS-CoV-2 (CovidNudge): a diagnostic accuracy study

Lancet Microbe

Hospital admissions for acute myocardial infarction before and after lockdown according to regional prevalence of COVID-19 and patient profile in France: a registry study

Lancet Public Health

Transmission Dynamics of COVID-19 Outbreaks Associated with Child Care Facilities — Salt Lake City, Utah, April–July 2020

MMWR


Molecules

The coding capacity of SARS-CoV-2

Nature

A Systematic Review of Treatment and Outcomes of Pregnant Women With COVID-19-A Call for Clinical Trials

Open Forum Infect Dis

Interventions for treatment of COVID-19: A living systematic review with meta-analyses and trial sequential analyses (The LIVING Project)

PLoS Med

27. The emergence of SARS-CoV-2 in Europe and North America Science [Read more »]

28. SARS-CoV-2 seroprevalence and asymptomatic viral carriage in healthcare workers: a cross-sectional study Thorax [Read more »]

Additional Resources/Documents

World Health Organization:
- Website on COVID-19
- COVID-2019 Situation Reports
- WHO Coronavirus Dashboard
- Report: China joint mission on Coronavirus Disease 2019 (COVID-19)
- Latest Publications
- WHO-EUROPE – Technical guidance on COVID-19

European Union
- Re-open EU: interactive tool with country information for travel and transportation

European Commission
- Coronavirus response
- Recovery plan for Europe – recovery plan and the multiannual financial framework for 2021-2027
- EU-supported coronavirus research and innovation
- EU Science Hub – JRC research, actions and publications on COVID-19
- ECML Covid – European Crisis Management Laboratory with measures database, GitHub data repository and documents

EU Healthy Gateways
- Published guidance and reports for COVID-19

European Medicines Agency

European Agency for Safety and Health at Work
- COVID-19 resources for the workplace: EU guidance, telework, Resources from EU and international organisations,
- OSH Barometer: interactive tool to discover the status of OSH in Europe

Health Systems Response Monitor
- COVID-19 Health System Response Monitor designed in response to the COVID-19 outbreak to collect and organize up-to-date information on how countries are responding to the crisis

United Nations
- COVID-19 Response
- UN Department of Economic and Social Affairs. Global statistics, data solutions, guidance and tools
- UN Environment Programme: UNEP’s Covid-19 updates
- UNICEF – COVID-19 Information Centre
- UNESCO – COVID-19 Response and resources
- **OCHA** – Global Humanitarian Response Plan COVID-19
- **FAO** – COVID-19 policy tools. Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. Qualitative exposure assessment.

**US Centers for Disease Control and Prevention**
- **COVID-19 Science Updates** providing brief summaries of new COVID-19-related studies on many topics, including epidemiology, clinical treatment and management, laboratory science, and modeling. The summaries are released every Tuesday and Friday.

**Amnesty International** – Analysis on mortality among health workers

**Health Technology Assessment International (HTAi)**
- HTAi COVID-19 response

**Health Information and Quality Authority**
- COVID-19 Publications

**COVID-19 Online Libraries and search engines**
- **Cochrane**: Special collections on COVID-19.
- **CORD-19**: COVID-19 Open Research Dataset from Semantic Scholar.
- **COVID Reference International**: The COVID Textbook by Kamps, Hoffmann et al., 4th Edition
- **COAP**: COVID-19 Open Access Project from the Institute of Social and Preventive Medicine (ISPM)
- **COVID-AMR**: Secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19
- **EPPI Centre**: COVID-19: a living systematic map of the evidence.
- **Evidence Aid**: Evidence Collection on Coronavirus (COVID-19).
- **LitCovid**: curated literature hub for tracking up-to-date scientific information about COVID-19.
- **theBMJ**: Drug treatments for covid-19: living systematic review and network meta-analysis
- **VA-ESP COVID19 Reviews**: U.S. Veterans’ Affairs (VA) Evidence Synthesis Program - Inventory of living systematic reviews and ‘rapid reviews’, with a flag for living reviews and for reviews meeting minimum quality standards
- **WHO COVID-19 Database**
- **Wolters Kluwer: UpToDate**: Clinical effectiveness COVID-19 Recourses Available to All