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

Weekly Digest
29 October 2020

확연한 작문

ECDC Outputs

Publications

Key aspects regarding the introduction and prioritisation of COVID-19 vaccination in the EU/EEA and the UK Technical Report – 26 October 2020 Read more »

Video on COVID-19 vaccination in the EU/EEA and the UK Video – 26 October 2020 Read more »


COVID-19 infection prevention and control measures for primary care, including general practitioner practices, dental clinics and pharmacy settings: first update Technical Report – 19 October Read more »

Guidance for discharge and ending of isolation of people with COVID-19 Technical Report – 16 October Read more »

Operational considerations for influenza surveillance in the WHO European Region during COVID-19: interim guidance Technical Guidance – 16 October 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 on the evolving epidemiological situation for the EU/EEA and UK. 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 national and 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 of COVID-19
- Transmission of COVID-19
- COVID-19 Infection
- Clinical characteristics of COVID-19
- Diagnostic testing and screening
- Immune responses and immunity to SARS-CoV-2
- Vaccines and treatment of COVID-19

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

EU level surveillance of COVID19 - 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 the 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 23 and 28 October 2020, and does not include a qualitative assessment or critical appraisal of the evidence.

1. Loss of smell in COVID-19 patients: a critical review with emphasis on the use of olfactory tests Acta Otorhinolaryngol Ital Read more »
3. Rapid and extraction-free detection of SARS-CoV-2 from saliva by colorimetric reverse-transcription loop-mediated isothermal amplification Clin Chem Read more »
4. Cell-based culture of SARS-CoV-2 informs infectivity and safe de-isolation assessments during COVID-19 Clin Inf Dis Read more »
5. Seropositivity rate and diagnostic accuracy of serological tests in 2019-nCoV cases: a pooled analysis of individual studies Eur Rev Med Pharmacol Sci Read more »
6. Innate Immune Responses to Acute Viral Infection During Pregnancy Front Immunol Read more »
7. Residential context and COVID-19 mortality among adults aged 70 years and older in Stockholm: a population-based, observational study using individual-level data Lancet Healthy Longevity Read more »
8. The Interaction of Natural and Vaccine-Induced Immunity with Social Distancing Predicts the Evolution of the COVID-19 Pandemic mBio Read more »
10. Longitudinal observation and decline of neutralizing antibody responses in the three months following SARS-CoV-2 infection in humans Nature Microbiology Read more »
11. Evaluation of SARS-CoV-2 IgG antibody response in PCR positive patients: Comparison of nine tests in relation to clinical data PLoS One Read more »
12. No SARS-CoV-2 detected in air samples (pollen and particulate matter) in Leipzig during the first spread Science of the Total Environment Read more »
13. Flattening the curve in 52 days: characterisation of the COVID-19 pandemic in the Principality of Liechtenstein - an observational study Swiss Med Wkly Read more »
14. Serum pooling for rapid expansion of anti-SARS-CoV-2 antibody testing capacity Transfus Clin Biol Read more »
15. Comparison of upper respiratory viral load distributions in asymptomatic and symptomatic children diagnosed with SARS-CoV-2 infection in pediatric hospital testing programs Virology Read more »
16. Shorter incubation period is associated with severe disease progression in patients with COVID-19 Virulence Read more »
Additional Resources/Documents

Data on COVID-19

World Health Organization:
- Website on COVID-19
- COVID-2019 Situation Reports
- WHO Coronavirus Dashboard

European Commission: European Crisis Management Laboratory with measures database, GitHub data repository and documents

COVID-19 response activities

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

European Commission:
- Coronavirus response
- EU Science Hub – JRC research, actions and publications on COVID-19
- Recovery plan for Europe – recovery plan and the multiannual financial framework for 2021-2027
- EU-supported coronavirus research and innovation

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

Health Technology Assessment International (HTAi): HTAi COVID-19 response: A series of webinars is ongoing and available open access; a collation of online resources is publicly available.

Guidance and reports

Amnesty International: Analysis on mortality among health workers

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

European Agency for Safety and Health at Work: COVID-19 resources for the workplace: EU guidance, telework, resources from EU and international organisations

Food and Agriculture Organization of the UN: Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. Qualitative exposure assessment.

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

Evidence Summaries and Science Updates
Cochrane: Cochrane Reviews and related content from the Cochrane Library relating to the COVID-19 pandemic.


EPPI Centre: COVID-19: a living systematic map of the evidence.

Evidence Aid: Evidence Collection on Coronavirus (COVID-19). This evidence collection contains plain-language summaries of high-quality research which are available in English, and translated into French, Spanish, Portuguese, Arabic and Chinese (simplified and traditional).

Health Information and Quality Authority: COVID-19 Publications: Clinical evidence summaries and rapid reviews on various different topics.

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.


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

theBMJ: Drug treatments for covid-19: living systematic review and network meta-analysis

Wolters Kluwer: UpToDate: Clinical effectiveness COVID-19 Recourses Available to All

COVID-19 search engines and databases

COAP: COVID-19 Open Access Project from the Institute of Social and Preventive Medicine (ISPM)


LitCovid: curated literature hub for tracking up-to-date scientific information about COVID-19.