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

Weekly Digest
09 September 2020

📚 ECDC Outputs

Publications


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. From 04 September 2020. 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, Preparedness, Surveillance, Testing strategies, Laboratory support

Latest Evidence on COVID-19 – General background of SARS-CoV-2, epidemiology, transmission, clinical characteristics, diagnostic testing and screening, immune responses and immunity, vaccines and
treatment. Latest update August 2020. Read more »

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 »

Facts about COVID-19

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 »

Event background - An overview on the origin of the cases of COVID-19 infection. Read more »

Training

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


Recent peer-reviewed publications

This list is based on a selection of articles published between 31 August and 08 September 2020:

1. Principles Learned from the International Race to Develop a Safe and Effective COVID-19 Vaccine ACS Cent Sci Read more »
2. Sustainable Personal Protective Clothing for Healthcare Applications: A Review ACS Nano Read more »
6. Epidemiologic, clinical, and laboratory findings of the COVID-19 in the current pandemic: systematic review and meta-analysis BMC Infect Dis Read more »
7. COVID-19 length of hospital stay: a systematic review and data synthesis BMC Med Read more »
8. Evaluation of bacterial co-infections of the respiratory tract in COVID-19 patients admitted to ICU. BMC Infect Dis Read more »
11. Decreasing High Risk Exposures for Healthcare-workers through Universal Masking and Universal SARS-CoV-2 Testing upon entry to a Tertiary Care Facility (accepted manuscript). Clin Infect Dis Read more »
13. Detection of SARS-CoV-2 in nasopharynx according to clinical phenotype of affected patients. Clin Microbiol Infect Read more »
15. Association Between Administration of Systemic Corticosteroids and Mortality Among Critically Ill Patients With COVID-19 A Meta-analysis. JAMA Read more »
17. Association of Vitamin D Status and Other Clinical Characteristics With COVID-19 Test Results. JAMA Netw Open Read more »
19. Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors. J Clin Med Read more »
23. Non-pharmaceutical interventions used to control COVID-19 reduced seasonal influenza transmission in China (accepted manuscript). J Infect Dis Read more »
24. A study of universal SARS-CoV-2 RNA testing of residents and staff in a large group of care homes in South London. J Infect Dis Read more »
29. Impact of lockdown on Covid-19 case fatality rate and viral mutations spread in 7 countries in Europe and North America J Transl Med Read more »
31. Azithromycin in addition to standard of care versus standard of care alone in the treatment of patients admitted to the hospital with severe COVID-19 in Brazil (COALITION II): a randomised clinical trial Lancet Read more »
32. Broad and strong memory CD4(+) and CD8(+) T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19 Nat Immunol Read more »
33. Humoral Immune Response to SARS-CoV-2 in Iceland N Engl J Med Read more »
34. Phase 1-2 Trial of a SARS-CoV-2 Recombinant Spike Protein Nanoparticle Vaccine N Engl J Med Read more »

**Additional Resources/Documents**

ECDC – website on COVID-19
Threat Reports App

WHO – website on COVID-19
China joint mission on Coronavirus Disease 2019 (COVID-19)
COVID-2019 situation reports
Publications

WHO-EUROPE – Technical guidance on COVID-19

European Commission – 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

EMA – European Medicines Agency

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

HSRM – COVID-19 Health System Response Monitor

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
FAO – COVID-19 policy tools. Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. Qualitative exposure assessment.

CDC – COVID-19 Science Updates
Amnesty International – Analysis on mortality among health workers
HIQA – Health Information and Quality Authority – COVID-19 Publications

COVID-19 Online Libraries and search engines
LitCovid: curated literature hub for tracking up-to-date scientific information about COVID-19.
EPPI Centre: COVID-19: a living systematic map of the evidence.
Cochrane: Special collections on COVID-19.
Evidence Aid: Evidence Collection on Coronavirus (COVID-19).
UpToDate: Clinical effectiveness COVID-19 resources available to all
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
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