



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

Weekly Digest
09 September 2020

ECDC Outputs

Publications

Communicable disease threats report, 30 August- 5 September 2020, week 36. Communicable Disease Threats Report (CDTR) – 04 August 2020. [Read more »](#)

Video on COVID-19: Do you know how to wear a face mask properly? (long version). Video – 28 August 2020. [Read more »](#)

Video on COVID-19: How to wear your single use face mask? (short version). Video – 28 August 2020. [Read more »](#)

Population-wide testing of SARS-CoV-2: country experiences and potential approaches in the EU/EEA and the United Kingdom. Technical report – 19 August 2020. [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. From 04 September 2020. [Read more »](#)

Weekly surveillance report on COVID-19. 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 »](#)

Current risk assessment on COVID-19. From 10 August 2020. [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 »](#)

Online micro learning activities on non-pharmaceutical countermeasures in relation to COVID-19. Event E-learning course. 20 Feb 2020 - 31 Dec 2020. [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 »](#)
3. COVID-19 in Healthcare Workers: A Living Systematic Review and Meta-analysis of Prevalence, Risk Factors, Clinical Characteristics, and Outcomes *Am J Epidemiol* [Read more »](#)
4. Probable Evidence of Fecal Aerosol Transmission of SARS-CoV-2 in a High-Rise Building *Ann Intern Med* [Read more »](#)
5. A meta-analysis of potential biomarkers associated with severity of coronavirus disease 2019 (COVID-19) *Biomark Res* [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 »](#)
9. Children with COVID-19 behaving milder may challenge the public policies: a systematic review and meta-analysis *BMC Pediatr* [Read more »](#)
10. Clinical manifestations, risk factors, and maternal and perinatal outcomes of coronavirus disease 2019 in pregnancy: living systematic review and meta-analysis *BMJ* [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 »](#)
12. Rapid real-time tracking of non-pharmaceutical interventions and their association with SARS-CoV-2 positivity: The COVID-19 Pandemic Pulse Study *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 »](#)
14. Access to intensive care in 14 European countries: a spatial analysis of intensive care need and capacity in the light of COVID-19 *Intensive Care Med* [Read more »](#)
15. Association Between Administration of Systemic Corticosteroids and Mortality Among Critically Ill Patients With COVID-19 A Meta-analysis *JAMA* [Read more »](#)
16. Cell Phone Activity in Categories of Places and Associations With Growth in Cases of COVID-19 in the US *JAMA Intern Med* [Read more »](#)
17. Association of Vitamin D Status and Other Clinical Characteristics With COVID-19 Test Results *JAMA Netw Open* [Read more »](#)
18. Impact of Azithromycin and/or Hydroxychloroquine on Hospital Mortality in COVID-19 *J Clin Med* [Read more »](#)
19. Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors *J Clin Med* [Read more »](#)
20. A Direct Comparison of Enhanced Saliva to Nasopharyngeal Swab for the Detection of SARS-CoV-2 in Symptomatic Patients *J Clin Med Microbiol* [Read more »](#)
21. Expansion of SARS-CoV-2-Specific Antibody-Secreting Cells and Generation of Neutralizing Antibodies in Hospitalized COVID-19 Patients *J Immunol* [Read more »](#)
22. Chloroquine and Hydroxychloroquine for the Treatment of COVID-19: a Systematic Review and Meta-analysis *J Gen Intern 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 »](#)
25. The Estimation of Diagnostic Accuracy of Tests for COVID-19: A Scoping Review *J Infect* [Read more »](#)
26. Current meta-analysis does not support the possibility of COVID-19 reinfections *J Med Virol* [Read more »](#)
27. Are the steroids a blanket solution for COVID-19? a systematic review and meta-analysis *J Med Virol* [Read more »](#)

28. Possible routes of SARS-CoV-2 invasion in brain: In context of neurological symptoms in COVID-19 patients *J Neurosci Res* [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 »](#)
30. Prevalence of phenotypes of acute respiratory distress syndrome in critically ill patients with COVID-19: a prospective observational study *Lancet Respir 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 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](#)

EMA – [European Medicines Agency](#)

[Latest updates on COVID-19. Treatments and vaccines for COVID-19. July update](#)

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
[OCHA](#) – Global Humanitarian Response Plan COVID-19 – [Latest report](#). July 2020 update
[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](#)

HTAi – [Health Technology Assessment International](#) – HTAi COVID-19 Response.

HIQA – [Health Information and Quality Authority](#) – COVID-19 Publications

COVID-19 Online Libraries and search engines

WHO: [Global research on COVID-19](#). Database of publications on COVID-19.

COVID Reference International: [The mini-textbook](#) by Kamps & Hoffmann 4th Edition.

LitCovid: [curated literature hub](#) for tracking up-to-date scientific information about COVID-19.

COVID-END: [COVID-19 Evidence Network](#) to support decision-making. [Guide to key COVID-19 evidence sources](#)

CEBM: [Oxford COVID-19 Evidence Service](#). Rapid reviews of primary care questions relating to COVID-19.

NMA initiative: [Covid-19 – living initiative](#). Living mapping and living systematic review of Covid-19 studies.

EPPI Centre: [COVID-19](#): a living systematic map of the evidence.

Cochrane: [Special collections](#) on COVID-19.

L•OVE: [Working Group for COVID-19](#): evidence in response to COVID-19 emergency.

Evidence Aid: [Evidence Collection](#) on Coronavirus (COVID-19).

UpToDate: [Clinical effectiveness COVID-19 recourses](#) 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](#))

EMBL-EBI: [Protein Data Bank in Europe – Knowledge Base](#): PDBe-KB COVID-19 Data Portal.

COVID-AMR: [Secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19](#)

CORD-19: [COVID-19 Open Research Dataset](#) from Semantic Scholar.