



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

Weekly Digest
03 September 2020

ECDC Outputs

Publications

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 »](#)

Communicable disease threats report, 23-29 August 2020, week 35. Communicable Disease Threats Report (CDTR) – 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 »](#)

Rapid Risk Assessment: Coronavirus disease 2019 (COVID-19) in the EU/EEA and the UK – eleventh update: resurgence of cases. Risk assessment – 10 August 2020. [Read more »](#)

COVID-19 in children and the role of school settings in COVID-19 transmission. Technical guidance – 6 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 28 August 2020. [Read more »](#)

Weekly surveillance report on COVID-19. From 28 August 2020. [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 »](#)

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 »](#)

Relevant peer-reviewed publications

This list is based on a selection from 4133 articles published from 25 to 30 August to 2020

1. Systematic review with meta-analysis: SARS-CoV-2 stool testing and the potential for faecal-oral transmission. *Aliment Pharmacol Ther* [Read more »](#)
2. Asymptomatic carriers of COVID-19 in a confined adult community population in Quebec: a cross-sectional study. *Am J Infect Control* [Read more »](#)
3. Clinical characteristics of children and young people admitted to hospital with covid-19 in United Kingdom: prospective multicentre observational cohort study. *BMJ* [Read more »](#)
4. Two metres or one: what is the evidence for physical distancing in covid-19? *BMJ* [Read more »](#)
5. A blind spot in the Covid-19 epidemic: Nosocomial transmission to healthcare workers. *Bull Acad Natl Med* [Read more »](#)
6. Patient Characteristics and Outcomes of 11,721 Patients with COVID19 Hospitalized Across the United States. *Clin Infect Dis* [Read more »](#)
7. Low risk of COVID-19 among patients exposed to infected healthcare workers. *Clin Infect Dis* [Read more »](#)

8. Outbreak of COVID-19 in a nursing home associated with aerosol transmission as a result of inadequate ventilation. *Clin Infect Dis* [Read more](#)
»
9. Viral dynamics and immune correlates of COVID-19 disease severity. *Clin Infect Dis* [Read more](#)
»
10. Antiviral treatment for COVID-19: the evidence supporting remdesivir. *Clin Med (Lond)* [Read more](#)
»
11. More than loss of taste and smell: burning watering eyes in coronavirus disease 19 (COVID-19). *Clin Microbiol Infect* [Read more](#)
»
12. Rapid, point-of-care antigen and molecular-based tests for diagnosis of SARS-CoV-2 infection. *Cochrane Database Syst Rev* [Read more](#)
»
13. SARS-CoV-2 infection in pregnancy: A systematic review and meta-analysis of clinical features and pregnancy outcomes. *EClinicalMedicine* [Read more](#)
»
14. Risk factors for detection of SARS-CoV-2 in healthcare workers during April 2020 in a UK hospital testing programme. *EClinicalMedicine* [Read more](#)
»
15. Pooling Upper Respiratory Specimens for Rapid Mass Screening of COVID-19 by Real-Time RT-PCR. *Emerg Infect Dis* [Read more](#)
»
16. Antibody Profiles According to Mild or Severe SARS-CoV-2 Infection, Atlanta, Georgia, USA, 2020. *Emerg Infect Dis* [Read more](#)
»
17. COVID-19 Outbreak and Hospital Air Quality: A Systematic Review of Evidence on Air Filtration and Recirculation. *Environ Sci Technol* [Read more](#)
»
18. Features of severe COVID-19: A systematic review and meta-analysis. *Eur J Clin Invest* [Read more](#)
»
19. Excess all-cause mortality during the first wave of the COVID-19 epidemic in France, March to May 2020. *Eurosurveillance* [Read more](#)
»
20. Timely monitoring of total mortality associated with COVID-19: informing public health and the public. *Eurosurveillance* [Read more](#)
»
21. Performance of fabrics for home-made masks against the spread of COVID-19 through droplets: A quantitative mechanistic study. *Extreme Mech Lett* [Read more](#)
»
22. Value of Viral Nucleic Acid in Sputum and Feces and Specific IgM/IgG in Serum for the Diagnosis of Coronavirus Disease 2019. *Front Cell Infect Microbiol* [Read more](#)
»
23. Unclear but present danger: An asymptomatic SARS-CoV-2 carrier. *Genes Dis* [Read more](#)
»
24. Asymptomatic SARS-CoV-2 infections in hospitalized patients. *Infect Control Hosp Epidemiol* [Read more](#)
»
25. Differences of inflammatory and non-inflammatory indicators in Coronavirus disease-19 (COVID-19) with different severity. *Infect Genet Evol* [Read more](#)
»
26. Risk factors for Covid-19 severity and fatality: a structured literature review. *Infection* [Read more](#)
»
27. Comprehensive evolution and molecular characteristics of a large number of SARS-CoV-2 genomes reveal its epidemic trends. *Int J Infect Dis* [Read more](#)
»
28. Viral and atypical respiratory co-infections in COVID-19: a systematic review and meta-analysis. *J Am Coll Emerg Physicians Open* [Read more](#)
»
29. The Estimation of Diagnostic Accuracy of Tests for COVID-19: A Scoping Review. *J Infect* [Read more](#)
»
30. Differentiation of COVID-19 from seasonal influenza: a multicenter comparative study. *J Med Virol* [Read more](#)
»
31. Parental COVID-19 Testing of Hospitalized Children: Rethinking Infection Control in a Pandemic. *J Pediatric Infect Dis Soc* [Read more](#)
»
32. SARS-CoV-2 Point Prevalence among Asymptomatic Hospitalized Children and Subsequent Healthcare Worker Evaluation. *J Pediatric Infect Dis Soc* [Read more](#)
»
33. Prevalence of SARS-CoV-2 Infection in Children Without Symptoms of Coronavirus Disease 2019. *JAMA Pediatr* [Read more](#)
»
34. Clinical Characteristics and Viral RNA Detection in Children With Coronavirus Disease 2019 in the Republic of Korea. *JAMA Pediatr* [Read more](#)
»

35. Four SARS-CoV-2 Genome Sequences from Late April in Stockholm, Sweden, Reveal a Rare Mutation in the Spike Protein. *Microbiol Resour Announc* [Read more](#) »
36. Compartmentalized Replication of SARS-Cov-2 in Upper vs. Lower Respiratory Tract Assessed by Whole Genome Quasispecies Analysis. *Microorganisms* [Read more](#) »
37. Limited Secondary Transmission of SARS-CoV-2 in Child Care Programs - Rhode Island, June 1-July 31, 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#) »
38. Notes from the Field: Universal Statewide Laboratory Testing for SARS-CoV-2 in Nursing Homes - West Virginia, April 21-May 8, 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#) »
39. Primary Indicators to Systematically Monitor COVID-19 Mitigation and Response - Kentucky, May 19-July 15, 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#) »
40. The geography of COVID-19 spread in Italy and implications for the relaxation of confinement measures. *Nat Commun* [Read more](#) »
41. Face mask use in the general population and optimal resource allocation during the COVID-19 pandemic. *Nat Commun* [Read more](#) »
42. Population-scale longitudinal mapping of COVID-19 symptoms, behaviour and testing. *Nat Hum Behav* [Read more](#) »
43. Sex differences in immune responses that underlie COVID-19 disease outcomes. *Nature* [Read more](#) »
44. Relationship between blood group and risk of infection and death in COVID-19: a live meta-analysis. *New Microbes New Infect* [Read more](#) »
45. A dynamic response to exposures of healthcare workers to newly diagnosed COVID-19 patients or hospital personnel, in order to minimize cross transmission and need for suspension from work during the outbreak. *Open Forum Infect Dis* [Read more](#) »
46. A novel strategy for community screening of SARS-CoV-2 (COVID-19): Sample pooling method. *PLoS One* [Read more](#) »
47. Accuracy of the Polymerase Chain Reaction (PCR) test in the diagnosis of acute respiratory syndrome due to coronavirus: a systematic review and meta-analysis. *Rev Assoc Med Bras (1992)* [Read more](#) »
48. Environmental disinfection against COVID-19 in different areas of health care facilities: a review. *Rev Environ Health* [Read more](#) »
49. Shedding of SARS-CoV-2 in feces and urine and its potential role in person-to-person transmission and the environment-based spread of COVID-19. *Sci Total Environ* [Read more](#) »
50. Particulate matter and SARS-CoV-2: A possible model of COVID-19 transmission. *Sci Total Environ* [Read more](#) »

News

On 7-9 September 2020 the European Respiratory Society (ERS) will hold their ERS International Congress. The Congress will be an interactive virtual event with live presentations. [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](#). July 2020 update

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.