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

COVID-19 Digest
30 March 2023

CLUDC Outputs

No new publications since last week’s edition but there are some outputs in the pipeline - please visit the ECDC COVID-19 page for future updates - Read more »


Interim analysis of COVID-19 vaccine effectiveness against Severe Acute Respiratory Infection due to SARS-CoV-2 in individuals aged 20 years and older – fourth update Technical report – 16 Mar Read more »

Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA Technical report – 03 Mar Read more »

SARS-CoV-2 in animals: susceptibility of animal species, risk for animal and public health, monitoring, prevention and control Scientific opinion – 28 Feb Read more »

Considerations for infection prevention and control practices in relation to respiratory viral infections in healthcare settings Guidance – 06 Feb 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 and does not include an additional qualitative assessment or critical appraisal of the evidence by ECDC.

1. A new method for near real-time, nationwide surveillance of nosocomial COVID-19 in Norway: providing data at all levels of the healthcare system, March 2020 to March 2022 Euro Surveill Read more »
2. Enhanced neutralization escape to therapeutic monoclonal antibodies by SARS-CoV-2 omicron sub-lineages iScience Read more »
3. Impact of the COVID-19 lockdown on routine childhood vaccination coverage rates in Catalonia (Spain): a public health register-based study Public Health Read more »
5. Point prevalence audit surveys of respiratory tract infection consultations and antibiotic prescribing in primary care before and during the COVID-19 pandemic in Ireland J Antimicrob Chemother Read more »
6. Divergent COVID-19 vaccine policies: Policy mapping of ten European countries Vaccine Read more »
7. Effectiveness of second booster compared to first booster and protection conferred by previous SARS-CoV-2 infection against symptomatic Omicron BA.2 and BA.4/5 in France Vaccine Read more »
8. Risk of death following COVID-19 vaccination or positive SARS-CoV-2 test in young people
9. SARS-CoV-2 and type 1 diabetes in children in Finland: an observational study in England Nat Commun Read more 


11. mRNA vaccines and hybrid immunity use different B cell germlines against Omicron BA.4 and BA.5 Nat Commun Read more 

12. At-home sampling to meet geographical challenges for serological assessment of SARS-CoV-2 exposure in a rural region of northern Sweden, March to May 2021: a retrospective cohort study Euro Surveill Read more 

13. Risk of SARS-CoV-2 reinfection by vaccination status, predominant variant and time from prior infection: a cohort study, Reggio Emilia province, Italy, February 2020 to February 2022 Euro Surveill Read more 

14. Stroke, Myocardial Infarction, and Pulmonary Embolism after Bivalent Booster NEJM Read more 

15. Effectiveness of Bivalent Boosters against Severe Omicron Infection NEJM Read more 

16. Bivalent Omicron BA.1–Adapted BNT162b2 Booster in Adults Older than 55 Years NEJM Read more 

Additional Resources

Information from European Institutions, International Organisations and Centres for Disease Control and Prevention

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

European Commission. Coronavirus response. Read more 

European Parliament. The EU's response to the coronavirus. Read more 

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

European Agency for Safety and Health (OSHA). COVID-19: Resources for the workplace: EU guidance, telework, resources from EU and international organisations. Read more 

European Food Safety Authority (EFSA). COVID-19. Read more 


European Monitoring Centre for Drugs and Drug Addition (EMCDDA). COVID-19 and drugs. Read more 

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 

World Health Organization (WHO). Coronavirus disease (COVID-19) pandemic. Read more 

Food and Agriculture Organization of the UN (FAO): Novel Coronavirus. Read more 

African Centres of Disease Control and Prevention. Read more 

Public Health Agency of Canada. Read more 

Chinese Center for Disease Control and Prevention. Read more 

Israel Center for Disease Control, Ministry of Health. Read more 

Korea Disease Control and Prevention Agency. Read more 

Ministry of Health of Mexico. Read more 

UK Health Security Agency. Read more
COVID-19 information pages of EU/EEA Member States

Austria » Germany » Malta »
Belgium » Greece » Netherlands »
Bulgaria » Hungary » Norway »
Croatia » Iceland » Poland »
Cyprus » Ireland » Portugal »
Czechia » Italy » Romania »
Denmark » Latvia » Slovakia »
Estonia » Liechtenstein » Slovenia »
Finland » Lithuania » Spain »
France » Luxembourg » Sweden »

Living Evidence Summaries

**COAP**: [COVID-19 Open Access Project](https://www.epiconsortium.eu/) from the Institute of Social and Preventive Medicine (ISPM). This database is updated daily with published articles from Pubmed and EMBASE and with preprints from medRxiv and bioRxiv. *(NOTE: last update Feb 2022, no longer updated)*

**COVID-END McMaster Health Forum**: living evidence syntheses on a variety of topics including efficacy and effectiveness of COVID-19 vaccines in the presence of variants of concern (VOCs).

**EPPI Centre**: [COVID-19](https://eppi.shef.ac.uk): a living systematic map of the evidence. Up-to-date map of the current evidence that are partitioned into broad domains for easy exploration.

**MAGIC project** (MAGIC Evidence Ecosystem Foundation, the BMJ, WHO): [Drug treatments for COVID-19 living systematic review and network meta-analysis](https://www.magicproject.org/clinical-evidence)


**PregCOV-19LSR** by the University of Birmingham. Series of living systematic reviews (LSR) involving pregnant and postnatal women at risk, suspected, and diagnosed to have COVID-19 according to recommended methods. *(NOTE: last update April 2021)*

Science Updates

**Centre for Evidence-Based Medicine CEBM**: [Oxford COVID-19 Evidence Service](https://evidence.ox.ac.uk/covid-19/). Rapid reviews of primary care questions relating to COVID-19.

**Cochrane**: [Cochrane Reviews](https://www.cochranelibrary.com/) and related content from the Cochrane Library relating to the COVID-19 pandemic.

**COVID Reference International**: Every day the "Top 10 scientific COVID-19 papers of the day" are presented. Also provides multiple other useful links to literature. *(NOTE: last update Jan 2022, no longer updated)*

**Evidence Aid**: [Evidence Collection](https://www.evidenceaid.com/) 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 Ireland**: [COVID-19 Publications](https://www.hiqa.ie/coronavirus): Clinical evidence summaries and rapid reviews on various topics.

**LitCovid**: [curated literature hub](https://www.litcovid.com/) for tracking up-to-date scientific information about COVID-19. It is the most comprehensive resource on the subject, providing a central access to a large number of relevant articles in PubMed.
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. (NOTE: last update Dec 2021, no longer updated)

VA-ESP COVID-19 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

Wolters Kluwer: Clinical effectiveness COVID-19 Resources Available to All. View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.