

Catalogue of population health information sources on COVID-19

Deliverable 8.4, 30-04-2021 update 19-11-2021

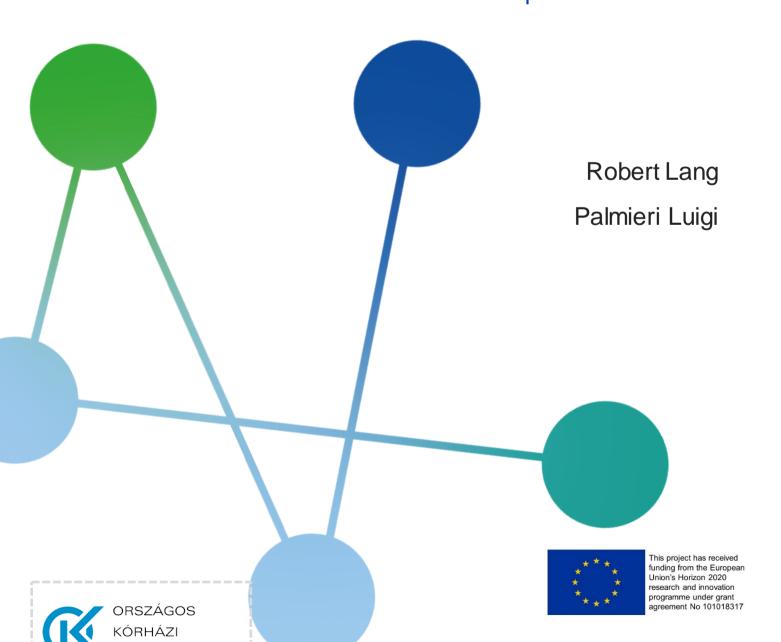


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Executive summary

The Deliverable 8.4 of the Population Health Research Infrastructure project (<u>PHIRI</u>), aims to create a catalogue of health information sources and existing international initiatives and projects on COVID-19 in EU/EEA Countries.

Task 8.4 started with a mapping exercise of sources of population health information on COVID-19 to provide relevant population health guidelines, standards, and reports with the aid of web scraping. This included international and European organisations, public health and policy networks, scientific databases and national authorities and organisations. A detailed search methodology was developed to achieve this goal.

The web search is combined with information from the PHIRI SharePoint platform (access limited to the partners of the project), where members of the consortium complement the work performed by adding new activities using a specific template, previously developed within PHIRI. Results are then included in a repository of the <u>Health Information Portal</u>.

Key points

- The sources of information were identified in collaboration with Task 4.3, which the Istituto Superiore di Sanità (ISS) is co-leading with Institutul National de Sanatate Publica (INSP)
- A search string to be used to identify COVID-19 relevant population health guidelines, standards, and reports on the sources of information was elaborated by Országos Kórházi Főigazgatóság (OKFO) and ISS to use in international libraries
- OKFO and INSP checked the websites of national organizations (especially CDC, ECDC, WHO and EMA) to map the international guidelines and recommendations national institutions and authorities take into consideration when working out national policies and measures
- Following and identifying information sources and guidelines according to the Rapid Exchange Forum (REF) meeting topics; multinational guidelines can be supplemented by WP8 partners providing connected national measures and publishing them on the Health Information Portal
- The search string will be improved and updated according to the results of the pilot search performed. The updated search string will be launched on other sources of information to identify COVID-19 health guidelines, standards, and reports
- Task 8.4 partners will be involved in data collection of the identified COVID-19 relevant population health guidelines, standards, and reports according to the metadata template that was elaborated in WP4
- Collaboration with REF and WP4 activities were and will be essential for the development of this task

List of contributors to the Deliverable

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Reviewed by IACS



I. Websearch - information sources and projects

Task 8.4 started with a mapping exercise of sources of population health information on COVID-19 to provide relevant population health guidelines, standards, and reports with the aid of web scraping. This included international and European organisations (e.g. WHO, ECDC, EMA), public health and policy networks (e.g. Cochrane, EUnetHTA), scientific databases and national authorities and organisations (e.g. Ministries of health, Public Health Institutes).

The web search is combined with information from PHIRI platform members through a template on the portal where researchers and institutions can notify new activities. Results are included in a repository of the project portal and complement WP4.

The results attached in a separate xls file as an appendix, contain the name of the database/organisation, description of the organisation and relevance to COVID-19/PHIRI and the URL where it can be accessed.

The structure follows the fields described and defined in the metadata template. The fields are determined as mandatory and optional.

II. Search methodology

The online health related archives and the websites of the most important international health organizations and institutions were searched. A detailed search methodology with WP4 T4.3 task group was developed for studies. In D8.4 the focus was guidelines and recommendations.

These were mainly published on websites, portals of international institutions and authorities and are updated regularly due the dynamic nature of COVID-19 and the spread of the virus.

Studies and publications of mainly international research groups were incremental to the sources mentioned above. The conclusion of these papers were kind of recommendations related to population health measures of COVID-19.

The methodology for planning and creating a multi-database search strategy consists of the following steps (1):

- 1. Determine a clear and focused question
- 2. Describe the articles that can answer the question
- 3. Decide which key concepts address the different elements of the question
- 4. Decide which elements should be used for the best results
- 5. Choose an appropriate database and interface to start with
- 6. Document the search process in a text document
- 7. Identify appropriate index terms in the thesaurus of the first database
- 8. Identify synonyms in the thesaurus
- 9. Add variations in search terms
- 10. Use database-appropriate syntax, with parentheses, Boolean operators, and field codes
- 11. Optimize the search
- 12. Evaluate the initial results
- 13. Check for errors
- 14. Translate to other databases
- 15. Test and reiterate



III. Metadata template

Below you can find the accepted metadata template for Health Information Sources and Population Health Studies. The templates are continuously updated in the course of work in WP4 and WP8.

Metadata template for HI sources and Population health studies

<mark>ltem</mark>	HI sources	* = mandatory information
Last update	ISO-8601	*
Title	Free text	*
Alternative title	Free text	
Abbreviation	Free text	
Description	Free text	
Governance and legal framework	Free text	
Topics - fixed	Conceptual framework	
Keywords - free Permanent identifier of the data source	Free text	
URL of the data source	URL	*
Country	ISO-3166	*
	NUTS 1,2,3, Europe, outside	*
Geo coverage	Europe, multinational general population, specific	•
	groups, patients, hospitalized,	
Target population - fixed	deaths	*
Age range - lower	Number	*
Age range - upper	Number	*
Sample size	Number	
Cov	Men only, women only, both,	*
Sex Data collection period - starting	unknown	
date	ISO-8601	
Data collection period - ending		
date	ISO-8601	
	Survey/interview data, administrative data, population	
	data, registery data,	
	biobank/sample/specimen	
Type of information(type of	data, customer record data, obervational study data, data	
source)	from other records	*
Language	ISO-639-1	*
	Weekly, monthly, annually,	
	biannually, every 2+ years, every 5+ years, irregularly, one	
Updating periodicity	time collection	
, 31	National identifier, patient	
Darsonal identifier	identifier, participant number,	*
Personal identifier	other	
Terms of data access - URL	URL	



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Terms of data access - free	Free text	
Regulations for data sharing	Free text	
Level of aggregation	Aggregated, Individual, other format	*
Linkage possible	Yes, Only to some, No	*
Data owner (in national language	e) List of terms	*
Data owner (English)	Free text	
Data owner acronym	Free text	
URL data owner	URL	*
Contact (name of the person)	Free text	*
Contact info (address)	Free text	*
Contact phone	phone number	
Contact e-mail	e-mail address	*
Publications	Free text + URL + DOI	REMOVED
Funding	Free text	STAYS IN



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IV. Conclusions and recommendations

During the course of the COVID-19 pandemic, new information sources and guidelines continue to emerge therefore, the catalogue should be updated.

Guidelines and initiatives are continuously collected and presented during the biweekly REF meetings.

T8.4 should closely cooperate with other task groups in WP8 and WP4 especially T4.3 where PHIRI related publications are gathered.

References

- 1. 'A systematic approach to searching: an efficient and complete method to develop literature searches' (J Med Libr Assoc. 2018 Oct; 106(4): 531–541; https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6148622/#b16-imla-106-531).
- 2. https://www.healthinformationportal.eu
- 3. Metadata templates https://help.oclc.org/Metadata_Services/CONTENTdm/Project_Client/Project_settings/020 Metadata Templates?sl=en

Appendices

Appendices

1. Catalogue of existing international initiatives, projects and information sources relevant to PHIRI

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Appendix: Catalogue of existing international initiatives, projects and information sources relevant to PHIRI

Catalogue of existing international initiatives, projects and information sources relevant to PHIRI scope

Short name	Name	URL	Description
ACM-DL	Digital Ubrary	https://dl.acm.org/search/advanced	The ACM Digital Library is a research, discovery and networking platform containing: *The Full-Text Collection of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books. *A collection of curated and hosted full-text publications from select publishers. *A collection of curated and hosted full-text publications from select publishers. *The ACM Guide to Computing Literature, a comprehensive bibliographic clearbase focused exclusively on the field of computing. *A richly interlinked set of connections among authors, works, institutions, and specialized communities. For publishing information on a specific ACM published paper for a legal case, please submit your request to the Director of Publications at publication-policies@hq.acm.org
ASPHER BBMRI-ERIC	Association of Schools of Public Health in the European Region Biobanking and BioMolecular resources Research Infrastructure - European Research Infrastructure Consortium	https://www.aspher.org/covid-19-task- force.html https://www.bbmri-eric.eu	The Association of Schools of Public Health in the European Region (ASPHER) is the key independent European organisation dedicated to strengthening the role of public health by improving education and training of public health professionals for both practice and research. The main functions of the Association are: To support the professionalisation of the public health workforce in Europe, whilst respecting the diversity of national and regional contexts in which each school of public health operates, and thus: To sustain capacity building in public health, so that it balances with national and European population health challenges and threats, and is supported by best standards of public health education and training, scientific research, and practice. ASPHER has convened a COVID-19 Task Force to facilitate relevant networking necessary to respond to the current emergency. BBMRH-ERIC [Bloanking and Blokholecular resources Research Infrastructure - European Research Infrastructure Consortium) is the world largest network of biorepository of human samples (such as blood, tissues, cells or DNA, and associated clinical and research data), connecting more than 600 biobanks from 20 countries. Its mission is to facilitate research on human samples for health research, while keeping the highest scientific standards and, most importantly, preserving patients' and citizens' privacy. BBMRI-ERIC provides services to researchers to develop better treatments, test diagnostic tools and advance biomedical research.
bioRxiv	The preprint server for biology	https://www.bionäv.org/	bioRxiv (pronounced "bio-archive") is a free online archive and distribution service for unpublished preprints in the life sciences. It is operated by Cold Spring Harbor Laboratory, a not-for-profit research and educational institution. By posting preprints on bioRxiv, authors are able to make their findings immediately available to the scientific community and receive feedback on draft manuscripts before they are submitted to journals. Articles are not peer-reviewed, edited, or typeset before being posted online. However, all articles undergo a basic screening process for offensive and/or non-scientific content and for material that might pose a health or biosecurity risk and air encheked for plagiarism. No endossement of an article's methods, assumptions, conclusions, or scientific quality by Cold Spring Harbor Laboratory is implied by its appearance in bioRxiv. An article may be posted print for, or concurrently with, submission to paral but should not be posted if it has already been accepted for publication by a journal. Authors are free to submit a revised version of an article at any time prior to its formal acceptance by a journal by clicking "Submit a Revision" within the Author Area. Once posted on bioRxiv, articles are citable and therefore cannot be removed.
вмс	Biomed Central	https://www.biomedcentral.com/	A pioneer of open access publishing, BMC has an evolving portfolio of high quality peer-reviewed journals including broad interest titles such as BMC Biology and BMC Medicine, specialist journals such as Malaria Journal and Microbiome, and the BMC Series. Expanding beyond biomedicine into the physical sciences, mathematics and engineering disciplines, BMC now offers a wider portfolio of subject fields on a single open access platform. At BMC, research is always in progress. We are committed to continual innovation to better support the needs of our communities, ensuring the integrity of the research we publish, and championing the benefits of open research. BMC is part of Springer Nature.
вми	8MI's Coronavirus (covid-19) Hub	https://www.bmj.com/coronavirus	BMI started out 180 years ago as a medical journal, publishing articles on stillborn children, amputation at the shoulder and the climate of the isle of Wight. Now, as a values-driven company and global brand, we work toward our vision for 'a healthier world.' We do this by partnering with more than 8,000 medical organisations worldwide so they can provide their users with the best available resources. We make our content available in 14 languages, and create evidence-based subscription-based products to help clinicates bester tackle dods/y most critical healthcare challenges. It is inspiring to see the napid growth of students and qualified doctors around the globe progressing their careers and achieving accrediation with our elearning modules and events. BMI expertise textends from publishing and medical education to clinical decision support and events to enhance day to day decision-making and healthcare delivery. Whilst our focus remains unchanged, we continuously adapt to the changing research handscape by remaining innovative and competitive. Support for health professionals and researches with practical guidance, online CPD courses, and news; Make the most of your institutional subscription today.
CDC	Centers for Disease Control and Prevention	https://www.cdc.gov/coronavirus/201 9-ncov/index.html	CDC provides guidance on a variety of topics to help prevent the spread of COVID-19. A comprehensive review of CDC's existing COVID-19 guidance to ensure they were evidence-based and five of politics. Guidance by Audience: - briefcase light is conformlyolers, Business Owners & Community Leaders - school light is confedurators & School Administrators - suer light is conformlyoldusid & Consumers - hand holding heart light is conParents & Caregives - hand holding heart light is conParents & Caregives - hospital user light is conHealthace Professionals - notes medical light is conHealth Departments - Inadmark light is Confederal, State & Local Government - hotel light is conforderal, State & Local Government - hotel light is conforderal, State & Local Government - hotel light is conforderal in con
CERN	CERN against COVID-19	https://againstcovid19.cern	CERN's Director-General established the CERN against COVID-19 task force in March 2020 to collect and coordinate ideas and contributions from the CERN community of over 18 000 people worldwide to the societal fight against the COVID-19 pandemic. These initiatives will draw on scientific and technical expertise and facilities at CERN, in the Member State countries and beyond, and will be carried out with that community and in close contacts with the relevant health institutions and experts from other fields. Cochrane is an international network but with headquarters in the UK, it is registered as a not-for-profit organization.
Cochrane	Cochrane	https://www.cochrane.org/our- evidence/coronavirus-covid-19- resources	Cochrane is for anyone interested in using high-quality information to make health decisions. Whether you are a doctor or nurse, patient or carer, researcher or funder, Cochrane evidence provides a powerful tool to enhance your healthcare knowledge and decision making.
COVID-NMA covid19dataportal EAHP	Mapping database covid19dataportal EAHP COVID-19 Resource Centre	https://covid-nma.com/datasharing/ https://www.covid19dataportal.org https://www.eahp.eu/hp- practice/hospital-pharmacy/eahp-covid	Cochrane's members and supporters come from more than 130 countries, worldwide. Their volunteers and contributors are researchers, health professionals, patients, carers, and people passionate about improving health outcomes for everyone, everywhere. Every week we screen the WHO International Clinical Trials Registry Platform (ICTRP) to identify and extract data from RCTs evaluating the effectiveness of interventions for preventing and treating COVID-19 as well as of all trials assessing vaccines. This data is being used to develop our two living data visualizations of treatments and vaccines. This dataset includes a detailed list of all the RCTs we have identified, including their characteristics (i.e. registration date, study design, study aim, funding, country, etc.). This file is updated once a week. The European COVID-19 Data Platform facilitates data sharing and analysis in order to accelerate coronavirus research. The Data Portal brings together and continuously updates the relevant COVID-19 datasets and tools. The European Association of Hospital Pharmacists represents more than 23.000 hospital pharmacists in 35 European countries and is the only association of national organisations representing hospital pharmacists at European and international levels.
EATRIS	EATRIS	19-resource-centre-covid-19-vaccines https://eatris.eu/insights/eatris-covid-	Translational research is a highly multi-disciplinary and complex undertaking. As a consequence, a major challenge in developing new innovations is understanding what steps need to be taken, and what expertise and technologies are suitable to perform these steps. Researchers in need of specialised support can approach EATRIS to provide guidance in the steps to be taken, by means of clinical, biological and technological expertise available when lierfastructure. Subsequently,
Ebsco	Academic Search Complete	https://www.ebsco.com/products/rese arch-databases/academic-search- complete	EATRIS will match the need with the capabilities within the infrastructure. In this way, EATRIS facilitates collaboration among academics, physicians, and developers. Academic Search Complete offers an enormous collection of full-text journals, providing users access to critical information from many sources unique to this database. In addition, it includes peer-reviewed full text for STEM research, as well as for the social sciences and humanities. Scholarly content covers a broad range of important areas of academic study, including anthropology, engineering, law, sciences and more.
ECDC	European Centre for Disease Prevention and Control	https://www.ecdc.europa.eu/en/covid- 19	The European Centre for Disease Prevention and Control (ECDC) is an agency of the European Union (EU) whose mission is to strengthen Europe's defences against infectious diseases. [2] It covers a wide spectrum of activities, such as: surveillance, epidemic intelligence, response, scientific advice, microbiology, preparedness, public health training, international relations, health communication, and the scientific journal Eurosurveillance.
ECRIN	European Clinical Research Infrastructure Network	https://ecrin.org	The European Clinical Research Infrastructure Network (ECRIN) is a not-for-profit intergovernmental organisation that supports the conduct of multinational clinical trials in Europe. As of 2013, ECRIN has the legal status of a European Research Infrastructure Consortium (ERIC). Based in Paris, we work with European Correspondents across Europe, national networks of clinical trial units (CTUs), as well as numerous European and international stakeholders involved in clinical research. The European Data Portal harvests the metadata of Public Sector Information available on public data portals across European countries. Information regarding the
EDP	European Data Portal	https://www.europeandataportal.eu/d ata/datasets/ef241f7d-b29e-4f02-8520 7d2ceabd66c9?locale=en	provision of data and the henefits of requising data is also included interactive celf-analysis of Covid-19 european data by country and time. Indicators: nositives

EHACTION	Joint Action Supporting the eHealth Network	http://ehaction.eu/	Digital revolution is a transversal phenomenon to many sectors and healthcare is no exception. In the eHealth Action we embrace change, looking forward to contributing to better healthcare in Gruope. With a Consortium composed by representatives from 30 EU countries, the eHealth Action aims to reflect digital health importance as a complementary resource for public health and services. Exploring technologies and tools to facilitate chronic disease management, increasing the sustainability and effectiveness of health systems, enabling personalized care and empowering people is what we are striving for. He Joint Action is developing strategic guidance and tools in the following Priority Areas: Empowering people Enabling patients: control over their own health, through informed and sustainable uptake of digital tools in healthcare; Innovative use of health data Developing methodologies to better handle big data in health; Enhancing continuity of care Supporting eHealth Digital Service infrastructure uptake; Overcoming implementation challenges Developing guidelines for interoperability, data protection and systems security in healthcare; Intergration in antional policies. & sustainability Preparing post-2021 cross-border policy cooperation and integration of its results in rational policies.
EHTEL	Collaborating for Digital Health and Care in Europe	https://www.ehtel.eu/	EHTEL (the European Health Telematics Association) is a unique pan-European multidisciplinary stakeholder organisation, which brings together corporate, institutional, and individual actors dedicated to the improvement of healthcare delivery through digital health. EHTEL'S distinctive structure enables the exchange of ideas and information leading to innovation in the delivery of eHealth solutions and the transformation of health and social care. EHTEL facilitates interactions and sharing of knowledge among stakeholder groups. The association acts as a neutral forum, not as a lobbying group. EHTEL's growing membership includes more than 50 organisations from all relevant stakeholder groups. The multitude of interests and viewpoints of its members enables EHTEL to take a holistic approach on the implementation of eHealth solutions. EHTEL growides a complete picture of the benefits and challenges of the deployment of ICT in the fields of health and social care, and it identifies opportunities and topics for its members that require attention and further development at European level. EHTEL growides a complete picture of the benefits and challenges of the deployment of ICT in the fields of health and social care, and it identifies opportunities and topics for its members that require attention and further development at European level. EHTEL works to Support European initiatives and policies aimed at increasing the constituency of eHealth in Europea. EHTEL collects and distlis the voices of its members through position papers, briefing papers, and publications. It has several Working Groups and Task Forces that focus on specific issues crucial to the deployment of ICT-based innovative healthcare services in the European areo. **Provide expert advice, educational services, and insights on the latest regulatory, strategic, and business-oriented developments in the field of digital healthcare. **Provide expert advice, educational services, and insights on the latest regulatory, strategic, and business-orient
Elsevier	Science Direct	https://www.sciencedirect.com/search	The advanced search form offers an open design which allows you to specify one or more pieces of information to find related documents in ScienceDirect. You can easily build an explicit query using multiple Boolean operators and nested clauses in your search.
EMA	European Medicines Agency	https://www.ema.europa.eu/en	The European Medicines Agency (EMA) is contributing to global efforts to save lives during the COVID-19 pandemic by expediting the development and approval of safe and effective
Embase (Elsevier)	Registration is needed	https://www.embase.com/#search	treatments and vaccines, supporting the continued availability of medicines in the European Union (EU), and providing reliable information to patients and healthcare professionals. Embase is a highly versatile, multipurpose and up-to-date biomedical research and literature database. Embase allows you to build comprehensive systematic reviews so that you can thoroughly study all of the published literature on a particular topic and make the best-informed evidence-based medicine decisions. It covers the most important international biomedical literature from 1947 to the present day and all articles are indexed in depth using Ebsevier's Life Science thesaurus. Embase Indexing and Emtree*. Emtree provides a list of subject headings will result include the admiss, and improve most associated syptomyrs for the
ENA	European Nucleotide Archive	https://www.ebi.ac.uk/ena/browser/h	entered term. The European Nucleotide Archive (ENA) provides a comprehensive record of the world's nucleotide sequencing information, covering raw sequencing data, sequence assembly information and functional annotation
EPF	European Patients Forum		assentiny into matter and uncluded amountation. The European Patients' Formul (EPF) is an independent non-profit, non-governmental umbrella organisation of patient organisations across Europe and across disease- areas. Our 75 members include disease-specific patient groups active at EU level and national coalitions of patients.
ERIC	Institute of Education Sciences, Education Resources Information Center	https://eric.ed.gov	Education Resources Information Center, ERIC has five main user groups: academics, researchers, educators, policymakers, and the general public. ERIC does not hold copyright to the materials indexed in the collection.
EU ODP	EU Open Data portal		The European Union Open Data Portal (EU ODP) gives you access to open data published by EU institutions and bodies. All the data you can find via this catalogue are free to use and reuse for commercial or non-commercial purposes.
EULAR	European Alliance of Associations for Rheumatology COVID Database	https://www.eular.org/eular_covid19_ database.cfm	The European Alliance of Associations for Rheumatology, EULAR, is the organisation which represents the people with arthritis/rheumatism, health professionals in rheumatology (HPR) and scientific societies of rheumatology of all the European nations.
EUnetHTA	European Network for Health Technology Assessment Registration is needed	https://www.eunethta.eu/	Vision: EUneHTTA is the preferred facilitator of high-quality HTA collaboration in Europe. HTA agencies consider EUneHTTA an efficient way of collaborating. Mission: The mission of EUneHTTA is to support collaboration between European HTA organisations that brings added value to healthcare systems at the European, national, and regional level. Through its activities, EUneHTTA: Supports efficient production and use of HTA in countries across Europe - Provides an independent and science-based platform for HTA agencies in countries across Europe to exchange and develop HTA information and methodology - Provides an independent and science-based platform for HTA agencies in countries across Europe to exchange and develop HTA information and methodology - Provides an access point for communication with stakeholders to promote transparency, objectivity, independence of expertise, fairness of procedure and appropriate stakeholder consultations - Develops alliances with contributing fields of research to support a stronger and broader evidence base for HTA while using the best available scientific competence. Values: - European Intoin values for health systems — Universality, access to good quality care, equity, and solidarity - Efficiency in HTA production - Sustainability for healthcare systems - The principle of subsidiarity of the European Union - The principle of subsidiarity of the European Union - The suce of best evidence, common methodological standards, trust and transparency. EUneHTTA finds it important to recognise and facilitate solutions to overcome barriers caused by language, variations in terminology, and culture.
EUPHA	European Public Health Association	https://eupha.org/covid-19-updates	The European Public Health Association, or EUPHA in short, is an umbrella organisation for public health associations and institutes in Europe. EUPHA was founded in 1992 by 15 members (12 countries). EUPHA now has 80 members from 47 countries. EUPHA is an international, multidisciplinary, scientific organisation, bringing together around 23'000 public health experts for professional exchange and collaboration throughout Europe. We encourage a multi-disciplinary approach to public health. EUR-Lex is your online gateway to EU Law. It provides the official and most comprehensive access to EU legal documents.
EUR-Lex	EUR-Lex	lex.europa.eu/search.html?orDNGroup =CM%3DCOVIDIB&qid=1.45563399828 4&CASE_LAWSUMMARYF=fise&DTS_ DOM=ALL&typeOfActStatus=OTHER&ty pe=advanced⟨=en&SUBDOM_INIT =ALL_ALL&DTS_SUBDOM=ALL_ALL	
Euro-SHARE-ERIC	Survey of Health, Ageing and Retirement in Europe (Multidisciplinary and cross-national panel database of microdata of individuals aged 50 or older)	covid19.html	The Survey of Health, Ageing and Retirement in Europe (SHARE) is a multidisciplinary database of microdata on health, socio-economic status, social and family networks of more than 120.000 individuals from 27 European countries plus Israel, aged 50 or older. SHARE aims at documenting and better understanding the repercussions of demographic ageing for individuals and the European society as a whole, and forming a sound scientific basis for countermeasures adopted by health and social policy. SHARE's scientific method is based on a panel design that grasps the dynamic haracter of the population ageing process in all relevant aspects. Rigorous procedural guidelines and program ensure an ex-ante harmonized cross-national design. The data are harmonised with the US Health and Retirement Study (HRS) and the English Longitudinal Study of Ageing (ELSA) and are accessible free of charge to the scientific community. SHARE was identified as successfully implemented in the ESFRI Roadmap 2010 and was the first RI to be established as European Research Infrastructure Consortium (ERIC) in March 2011.
Euro-Peristat	European Perinatal Health	https://www.europeristat.com/	The objective of the Euro-Peristat Network is to establish a high quality, innovative, internationally recognized and sustainable European perinatal information system. This system's goal is to produce data and analysis on a regular basis for use by national, European and international stakeholders who make decisions about the health and health care of pregnant women and newborns. Euro-Peristat began in 1999 as part of the EU's Health Monitoring Programme and now has official representation from 31 countries across Europe and a large network of contributing experts. We developed all six of recommended indicators for perinatal health surveillance and have collected data on these indicators. Our data on mothers' and babies' health status and care in Europe have been the basis of many scientific publications. We have published European Perinatal Health Reports in 2008, 2013 and 2018. The project is coordinated by Inserm, the French National Institute of Health and Medical Research, in Paris. The project receives funding from the European Commission Directorate for Health and Food Safety. We are part of the Infalk Project to promote sustainable health reporting in Europe. We have been featured as one of the 20 successful projects funded by the EU Health Programmes.
EUROFOUND	European Foundation for the Improvement of Living and Working Conditions	https://www.eurofound.europa.eu	Eurofound is the EU Agency for the improvement of living and working conditions. Eurofound's priorities for 2021–2024 are shaped by the key challenges for social cohesion and just transitions in a changing environment in the aftermath of the COVID-19 crisis. The Agency focuses on issues where it can draw on its core expertise in the areas of working conditions, industrial relations, employment and living conditions, to support its stakeholders, by providing evidence that can assist their policy action. EuroMOMO is a European mortality monitoring activity, aiming to detect and measure excess deaths related to seasonal influenza, pandemics and other public health
EuroMOMO	EuroMOMO	https://www.euromomo.eu	threats. Official national mortality statistics are provided weekly from the 27 European countries in the EuroMOMO collaborative network, supported by the European Centre for Disease Prevention and Control (ECDC) and the World Health Organization (WHO), and hosted by Statens Serum Institut, Denmark.

Europe PMC	Europe PMC	https://europepmc.org	Europe PMC is an open science platform that enables access to a worldwide collection of life science publications and preprints from trusted sources around the globe. Europe PMC is developed by EMBL-EBI. It is a partner of PubMed Central and a repository of choice for many international science funders. Eurostat is the statistical office of the European Union.
Eurostat	European Statistics	https://ec.europa.eu/eurostat	The mission is to provide high quality statistics and data on Europe. Eurostat produces European statistics in partnership with National Statistical Institutes and other national authorities in the EU Member States. This partnership is known as the European Statistical System (ESS), It also includes the statistical authorities of the European Economic Area (EEA) countries and Switzerland. Eurostat coordinates statistical activities at Union level and more particularly inside the Commission.
GIM - WHO	Global Index Medicus	https://www.globalindexmedicus.net/	The Global Index Medicus (GIMI) provides worldwide access to biomedical and public health literature produced by and within low-middle income countries. The main objective is to increase the visibility and usability of this important set of resources. The material is collated and aggregated by WHO Regional Office Libraries on a central search platform allowing retrieval of bibliographical and full text information.
HBSC	Health Behaviour In School-Aged Children	http://www.hbsc.org/	Since 1982 HBSC has been a pioneer cross-national study gaining insight into young people's well-being, health behaviours and their social context. This research collaboration with the WHO Regional Office for Europe is conducted every four years in 50 countries and regions across Europe and North America. With children and young people accounting for 42% of our world's population, HBSC uses its findings to inform policy and practice to improve the lives of millions of young people.
нма	Heads of Medicine Agency	https://www.hma.eu	The Heads of Medicines Agencies (HMA) is a network of the heads of the National Competent Authorities (NCA) whose organisations are responsible for the regulation of medicinal products for human and veterinary use in the European Economic Area.
	Tread of medicine Agency		The HMA co-operates with the European Medicines Agency (EMA) and the European Commission in the operation of the European medicines regulatory network and it is a unique model for cooperation and worksharing on statutory as well as voluntary regulatory activities.
HSRM	The Health System Response Monitor	https://www.covid19healthsystem.org/ mainpage.aspx	The Health System Response Monitor (HSRM) has been designed in response to the COVID-19 outbreak to collect and organize up-to-date information on how rountries are responding to the crisis. It focuses primarily on the responses of health Systems but also captures wider public health initiatives. This is a joint undertaking of the WHO Regional Office for Europe, the European Commission, and the European Observatory on Health Systems and Policies.
		https://www.interregeurope.eu/covid-	Interreg Europe helps regional and local governments across. Europe to develop and deliver better policy. As a reference programme for European regional policymakers they support their community of 17 000 members for a fast recovery from the global COVID-19 pandemic and its consequences. On this page, you will find information about how they can help you and how you can get involved. Have a look at:
Interregeurope	Interreg Europe	19/	Good practices from all across Europe that can help you mitigate the pandemic's effects Online thematic activities to inspire you and help you find solutions to common challenges Tailored support from our Policy Learning Platform experts
LS RIs Respond to		https://lifescience-ri.eu/ls-ri-response-	Related news and events published by us, our projects and other institutions To support the global effort to tackle the coronavirus pandemic, Life Sciences Research Infrastructures (LS RIs) are prioritising COVID-19 research, as detailed in the actions below. The benefits of using established Research Infrastructures are clear: they are ready and able to provide expert advice and resources to meet a variety
COVID-19	European Life Science Research Infrastructures	to-covid-19.html	of research needs. Although in-person visits to facilities may be restricted, many infrastructure services are still available via remote access and, where possible, the cost of access will be minimised or waived.
MediSys	Medical Information System (MediSys)	https://ec.europa.eu/jrc/en/scientific- tool/medical-information-system	The Medical Information System (MediSys) is a fully automatic 24/7 public health surveillance system monitoring infectious diseases, bioterrorism, and chemical, biological, radiological and nuclear (CBRN) threats in open-source media. MediSys became online in August 2004 and has been continuously extended.
Medline (Ovid)	Registration is needed	https://www.wolterskluwer.com/en/so lutions/ovid/901	Ovid helps researchers, librarians, clinicians, and other healthcare professionals find important medical information so that they can make critical decisions to improve patient care, enhance ongoing research, and fuel new discoveries. Ovid offers a market-leading medical research platform of premium aggregated content and productivity tools that make it easy to quickly search information and make informed decisions on patient care, quality, and clinical outcomes.
medřkův	The preprint server for health sciences	https://www.medrav.org/	medikiv (pronounced "med-archive") is a free online archive and distribution server for complete but unpublished manuscripts (preprints) in the medical, clinical, and related health sciences. Preprints are preliminary reports of work that have not been certified by peer review. They should not be relied on to guide clinical practice or health-related behavior and should not be reported in news media as established information. medikiv is for the distribution of preprints - complete but unpublished manuscripts - that describe human health research conducted, analyzed, and interpreted according to scientific principles. Research articles, systematic reviews and meta-analyses, clinical research design protocols and data articles may be posted. Medibavi so intended for case reports (single or in series), narrative reviews (see below), eclorisk, letters, opinion pieces and hypotheses that lack data, work not premised more biology/physiology or allopathic medicine, laboratory protocols/recipes, theses, term papers, textbook excerpts or individual components of research articles such as figures, tables, and datasets. medikiv as so tounded by cold Soring Harbor Laboratory (SSHL), another-port fresearch and educational institution, valle university, all allows and datasets. medikiv as founded by cold Soring Harbor Laboratory (SSHL), another-port fresearch and educational institution, valle university, all allows and and periated by CSHL disconfirmed in the medical signal and the second and operated by CSHL disconfirmed in the second and the second and the second and the second and the second a
Ministry of Health	PHIRI Participating Countries		The National COVID Cohort Collaborative (N3C) is a complementary and synergistic partnership among the Clinical and Translational Science Awards (CTSA) Program
N3C	National COVID Cohort Collaborative (N3C)	https://covid.cd2h.org	hubs, the National Center for Data to Health (CD2H), distributed clinical data networks (PCORnet, OHDS), ACT/Dzb_, TriNetX), and other partner organizations, with overall stewardship by NIH's National Center for Advancing Translational Sciences. The N3C aims to improve the efficiency and accessibility of analyses using a very large row-level (patient-level) COVID-19 clinical dataset and demonstrate a novel approach for collaborative pandemic data sharing.
			The Organisation for Economic Co-operation and Development (OECD) is an international organisation that works to build better policies for better lives. Our goal is to shape policies that foster prosperity, equality, opportunity and well-being for all. We draw on 60 years of experience and insights to better prepare the world of tomorrow.
OECD	OSCD OSCD	https://www.oecd.org/health/health-al	Together with governments, policy makers and citizens, we work on establishing evidence-based international standards and finding solutions to a range of social, economic and environmental challenges. From improving economic performance and creating jobs to fostering strong education and fighting international tax evasion, we provide a unique formum and knowledge hub for data and analysis, exchange of experiences, best-practice sharing, and advice on public policies and international standards-setting. The Organisation for Economic Co-operation and Development (OECD) is an international organisation that works to build better policies for better lives. Our goal is to shape policies that foster prosperity, equality, opportunity and well-being for all. We draw on 60 years of experience and insights to better prepare the world of tomorrow. Together with governments, policy makers and citizens, we work on establishing evidence-based international standards and finding solutions to a range of social,
Sec		a-glance-europe/	economic and environmental challenges. From improving economic performance and creating jobs to fostering strong education and fighting international tax evasion, we provide a unique forum and knowledge hub for data and analysis, exchange of experiences, best-practice sharing, and advice on public policies and international standard-setting. The Organisation for Economic Co-operation and Development (OECD) is an international alorganisation that works to build better policies for better lives. Our goal is to shape policies that foster prosperity, equality, opportunity and well-being for all. We draw on 60 years of experience and insights to better prepare the world of tomorrow.
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OVID Medline 1946 - Present	Registration is needed	https://databases.library.jhu.edu/datab ases/proxy/JHU06859	Ovid MEDLINE covers the international literature on biomedicine, including the allied health fields and the biological and physical sciences, humanities, and information science as they relate to medicine and health care. Information is indexed from approximately 5,000 journals published world-wide. To support research efforts to understand more about the SARS-COV-2 virus and the structures of its proteins, PDBe has created dedicated PDBe-KB pages to
PDBe	Protein Data Bank in Europe COVID 19 Data Portal	https://www.ebi.ac.uk/pdbe/covid-19	To support research entors to understand more about the AND-COV-2 Wirds and the Structures or its proteins, Pube has created bedicated Pube-As pages to the highlight important structural features from released PDB entries. These pages include all observed ligand binding sites and protein-protein interaction residues, to help researchers easily identify important structural features to support the development of treatments and vaccines.
Public Health Institutes	PHIRI Participating Countries		
PubMed	National Library of Medicine	https://pubmed.ncbi.nlm.nih.gov/	PubMed comprises more than 32 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites.
RD-Alliance	RD-Alliance	https://www.rd- alliance.org/system/files/documents/H 2020 Guidelines COVID19 EC.pdf	
RDA-COVID 19	RDA-COVID 19	https://www.rd- alliance.org/groups/rda-covid19	The overarching objectives of this Working Group (WG) are: To clearly define detailed guidelines on data sharing under the present COVID-19 circumstances to help stakeholders follow best practices to maximize the efficiency of their work, To develop guidelines for policymakers to maximise timely data sharing and appropriate responses in such health emergencies, and
Recover	Recover Europe	https://www.recover-europe.eu	To address the interests of researchers, policy makers, funders, publishers, and providers of data sharing infrastructures. The overall goal of RECOVER is to understand the COVID-19 pandemic through clinical research in order to transform patient care and public health responses.
SPRINGERlink	eLibrary	https://link.springer.com/	Over 10 million scientific documents at fingertips; providing researchers with access to millions of scientific documents from journals, books, series, protocols, reference works and proceedings

SSRN	etibrary	https://papers.ssrn.com/sol3/DisplayA bstractSearch.cfm https://www.ssrn.com/index.cfm/en/c oronavirus/	SSRN's Coronavirus & Infectious Disease Research Hub provides a curated view into new early-stage research to help researchers, public health authorities, clinicians, and the public understand, contain, and manage this disease. Rapidly evolving healthcare emergencies necessitate the quick dissemination of research. The growing role of early-stage research and preprints was acknowledged in the Bobla and Zika virus outbreaks as a way of accelerating the dissemination of scientific findings to available founds. SSRN, Eleveier's world-leading platform devoted to the rapid worldwide dissemination of early-stage research, is committed to making coronavirus-related research available quickly. SSRN's elibrary provides 950,733 research papers from 503,172 researchers in more than 60 disciplines.
TESSy	The European Surveillance System	https://www.ecdc.europa.eu/en/public ations-data/european-surveillance- system-tessy	The technical platform for web-based data submission, data storage and dissemination is The European Surveillance System (TESSy): a password-protected, fully anonymised database hosted by ECDC.
UniProt	UniProt	https://www.uniprot.org	The mission of UniProt is to provide the scientific community with a comprehensive, high-quality and freely accessible resource of protein sequence and functional information. New UniProt portal for the latest SARS-CoV-2 coronavirus protein entries and receptors, updated independent of the general UniProt release cycle.
WHO	World Health Organization	https://covid19.who.int	The World Health Organization (WHO) is a specialized agency of the United Nations responsible for international public health. [1] The WHO Constitution, which establishes the agency's governing structure and principles, states its main objective as "the attainment by all peoples of the highest possible level of health".
Zenodo	Coronavirus Disease Research Community - COVID-19	https://zenodo.org/communities/covid- 19	This community collects research outputs that may be relevant to the Coronavirus Disease (COVID-19) or the SARS-CoV-2. Scientists are encouraged to upload their outcome in this collection to facilitate sharing and discovery of information. Although Open Access articles and datasets are recommended, also closed and restricted access material are accepted. All types of research outputs can be included in this Community (Publication, Poster, Present), Dataset, Image, Video/Audio, Software, Lesson, Other). The Coronavirus Disease Research Community - COVID-19 is curated by a selected team of experts nominated by OpenAIRE. OpenAIRE is the largest aggregator of European Commission funded research outputs and beyond, also delivering on-demand services for research communities.
And a catalogue about health information sources from member states: https://ec.europa.eu/ eurostat/documents/ 47709/753176/201 90607_List_other_na tional_statistical_aut horities_II_pdf/f3c3b ddf-c378-4203-92a2- 48d0dd789f3d			

Projects

COVID-19 ICU-CARE	COVID-19 ICU-CARE – A ground-breaking ICU bed-side COVID- 19 trachea flushing system that can cut healthcare costs and reduce COVID-19 spread between ICU patients and staff	https://cordis.europa.eu/project/id/95 9886	COVID-19 patients requiring a mechanical ventilator for respiratory support must have their airways cleared from secretions and mucus on a daily basis to prevent infection. Existing suctioning techniques are not efficient and carry a high risk of spreading COVID-19 amongst ICU patients. The system automatically flushess all secretions out of the airways at a reduced cost and with low risk of contamination. In collaboration with leading hospitals across Europe, the project will carry out a large clinical study to demonstrate the efficiency and safety of using this innovative tool with COVID-19 patients.
EXSCALATE4CoV	EXaSCale smArt pLatform Against paThogEns for Corona Virus	https://cordis.europa.eu/project/id/10 1003551	Advanced computer-aided drug design (CADD) has come to revolutionise drug discovery, and in combination with high-throughput biochemical and phenotypic screening, it allows the rapid evaluation of new drugs. Scientists of the EU-funded EXSCALATEAD project will employ the EXSCALATE platform containing the most promising commercialised drugs safe in man, to identify specific inhibitors against COVID-19. The strategy entails the computational alignment of these drugs against 3D models for the viral proteins, followed by biochemical assays and phenotypic screening of the most promising candidates. Molecules capable of blocking virus replication will be forwarded for development and registration.

National information resources on COVID-19

Country	National authorities and public health agencies	Website	National helplines
	Federal Ministry Republic of Austria: Social Affairs, Health, Car		
Austria	and Consumer Protection Federal	COVID-19 Dashboard	43,800,555,621
	Federal Public Service: Health, Food Chain Safety and		
Belgium	Environment	info-coronavirus.be	3,280,014,689
Bulgaria	Ministry of Health	mh.government.bg	+359 2 807 87 57
Croatia	Croatian Institute of Public Health	<u>hzjz.hr</u>	+385 91 468 30 32; +385 99 468 30 01
Cyprus	Ministry of Health	moh.gov.cy	3,571,420
Czech Republic	Ministry of Health	koronavirus.mzcr.cz/	+420 724 810 106; +420 725 191 367
Denmark	Danish Health Authority	sst.dk	+4572 22 74 59
Estonia Finland	Ministry of Social Affairs Finnish institute for health and welfare	koroonaviirus.ee thl.fi	+372 634 6630; 1220*, 1247* 358,295,535,535
riniano	Fillinsti institute for health and welfare	<u>unin</u>	330,/327,333
France	Government of the French Republic Guidelines for high-risk patients: The official French guidelines to protect patients with cancer against SARS-COV-2 infection (EN)	gouvernement.fr	33,800,130,000
HCSP	Federal Ministry of Health	bundesgesundheitsministerium.de	+49 30 346 465 100
Germany Greece	National Public Health Institute of Greece	eody.gov.gr/	*49 30 340 405 100 302,105,212,054
Hungary	Hungarian Government	koronavirus.gov.hu	305,103,115,034 *36680.277.455; *366.80.277.456
Iceland	Directorate of Health	landlaeknir.is	*354 544 4113. 1700
Ireland	Health Service Executive	hse.ie	+353 1850 24 1850*
		salute.gov.it	
		Guidelines on oncology and hemato-	
		oncology patients:	
		Raccomandazioni per la gestione dei	
		pazienti oncologici e onco-ematologici	
Italy	Ministry of Health	in corso di emergenza da COVID-19 (IT)	
Latvia	Centre for the Prevention and Control of Diseases	spkc.gov.lv	37,167,387,661
Liechtenstein	Government of Liechtenstein	regierung.li/coronavirus	+423 230 30 30
Lithuania	Ministry of Health	sam.lrv.lt msan.gouvernement.lu	+370 8 618 79984
Luxembourg Malta	Ministry of Health Government of Malta	deputyprimeminister.gov.mt	35,280,028,080 35,621,324,086
Netherlands	National Institute for Public Health and the Environment	rivm.nl	35,021,324,000 +31,800-3351
Norway	Norwegian Institute of Public Health	fhi.no	**31.00U-1331 +47.815.55.015
Notway	Not wegian institute of Public Health	gov.pl (PL)	44) 613-33013
Poland	Government of Poland	gov.pl (EN)	48.800.190.590
Portugal	Ministry of Health	dgs.pt/corona-virus	46,600,130,530 45,100,130,530
Romania	Ministry of Health	ms.ro	40,800,800,358
Slovakia	Public Health Authority of the Slovak Republic	uvzsr.sk	421,917,222,682
Slovenia	Government of Slovenia	gov.si	*386 31 546 517: 080 1404*
		mscbs.gob.es	
		Guidelines for high-risk patients:	
		Action Guide For People With Chronic	
		Health Conditions And Elderly People In	<u>.</u>
		Confinement - COVID-19 alarm status	
Spain	Government of Spain	(4 April 2020) (ES)	Regional numbers are found here
Sweden	Public Health Agency of Sweden	folkhalsomyndigheten.se	+46 113 13
Switzerland	Federal Office of Public Health	bag.admin.ch/novel-cov	+41 58 463 00 00
UK	Government of UK	gov.uk	111* (dialled from UK)

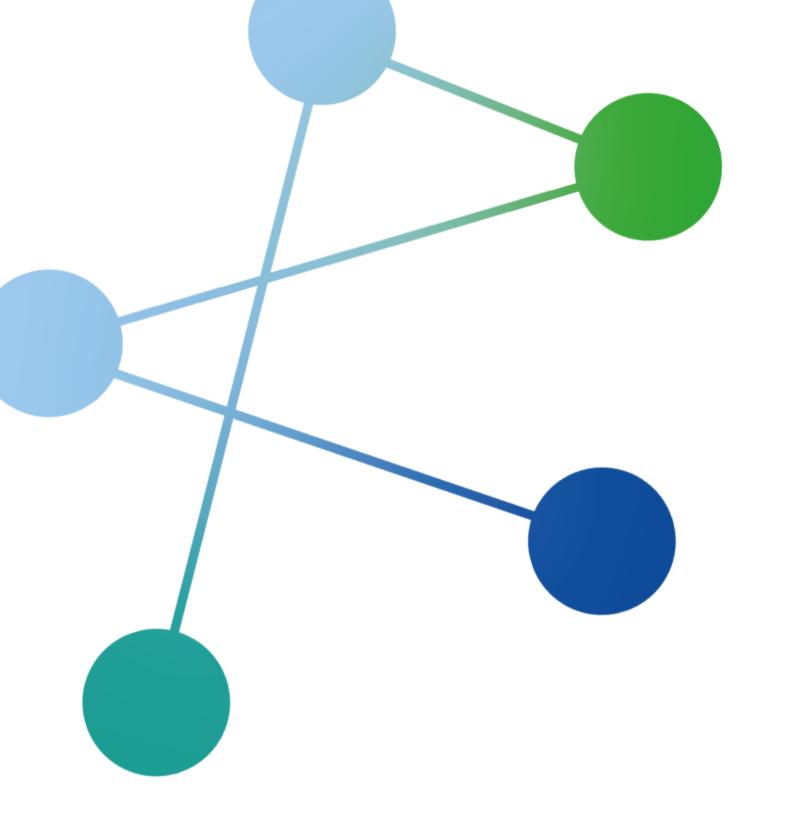
Metadata template with information on guidelines

Last update	Title	Alternativ title	e Description/Abstract	Keywords fixed	- Keywords - Aut free	hor(s) Author affiliation	Type of publication		nal Report series	Publisher	Publication Volume year	e bisue	Pages	DOI U	IN ISSN	URI. of the publication	on Langua	ge Supporting Cou documents	ntry Geo covera	Name - URL ge Correspon organi ding author	Contact Contact info phe (address)	ntact 0	Contact e - Publicatio Access mail n date rights to the publicatio
							Scientific peer-reviewed publics Reports, Country reports, Policy Fact sheets or leaflets, Newslet Tools, Guidelines, Portal or web Presentations, infographics, vid												NUTS 1,2,3, Europe outside	:			Open access, Non-open access
150-8601	Free text	Free text	Free text	From conceptua framework	Free text Fre	text Free text	Presentations, infographics, vid presentations, Legislation or regulation, Other documents, C	ther	text Free tex	t Free text	number number	Numbe	er number	DOI, URN U	IN ISSN			9-1 Free text ISO	Europe multin 3166 nal	rio Free text URL	Free text pho	one a	email SO-8601*
19/10/2	1021 Quarantine and Isolation		CDC guideline for quarantine and isolation	quarantine , isolation	quarantine , isolation		Guideline, website			CDC						https://www.cdc.go onavirus/2019-ncov health/quarantine- isolation.html	/your- English	usa	outside Europe				Open 19-Oct Access
17/03/2	1021 What to Do If You Are Sick		CDC guideline about what to do it vou are sick	sickness	sickness		Guideline, website			CDC						https://www.cdc.go onavirus/2019-ncov health/quarantine- isolation.html https://www.cdc.go onavirus/2019-ncov	Southe	usa	outside Europe				Open 17-Mar Access
	Caring for Someone Sick at 1021 Home Provider Might Recommend i 1021 You Are Sick	f	CDC guideline about home care in case of Covid CDC guideline about Treatment in case of sickness	home care	home care treatment		Guideline, website Guideline, website			CDC						you-are-sick/care-fo someone.html	r- English English		outside				Open 02-Iul Access Open Access
23/03/2	Activities, Gatherings & 1021 Holidays		CDC guideline about Activities, Gatherines & Holiday	activities, gatherings holiday	activities, , gatherings, holiday		Guideline, website			CDC						https://www.cdc.go onavirus/2019-ncov life-cooline/index.htm https://www.cdc.go	/daily- ml Enalish	usa	outside Europe				Open 16-Aue Access
23/03/2	1021 Daily Activities		CDC auideline about daily activitie	indoor	daily activitie indoor		Guideline, website			coc						https://www.cdc.go onavirus/2019-ncov life-coping/daily- activities.html https://www.cdc.go	Enalish	usa	outside Europe				Open 21-Oct Access
23/03/2	Participate in Outdoor and 1021 Indoor Activities		CDC guideline about indoor and outdoor activities	activities, outdoor activities	activities, outdoor activities		Guideline, website			сос						onavirus/2019-ncov life-coping/outdoor- activities.html		USA	outside Europe				Open 19-Aug Access
21/10/2	1021 Small and Large Gatherings		CDC guideline about small and large gatherings		gatherings		Guideline, website			CDC						https://www.cdc.go omavirus/2019-ncov health/gatherings.ht https://www.cdc.go omavirus/2019-ncov life-		usa	outside Europe				Open 21-Oct Access
15/10/2	1021 Holiday Celebrations		CDC guideline about holiday celebrations	celebratio s	n celebration s		Guideline, website			CDC						coping/holidays/cell ons.html https://www.cdc.go	ebrati English w/cor						Open 15-Oct Access
	1021 Travel		CDC guideline about travel CDC guideline about international		travel		Guideline, website			coc						onavirus/2019- ncov/travelers/index https://www.cdc.go onavirus/2019- ncov/travelers/inter nal-travel/index.htm	w/cor		outside Europe outside				Open 25-Oct Access Open
05/11/2	Requirement for Face Masks on Public Transportation Conveyances and at		travel CDC guideline about Face Masks on Public Transportation Conveyances and at	al travel	al travel		Guideline. website			CDC						https://www.cdc.go onavirus/2019- ncov/travelers/face-	wisor	us/	Europe				05-Nov Access
27/08/2	1021 Transportation Hubs		Transportation Hubs and prevent the spread of COVID- 19. The downloadable infographic below provide guidance on gener and specific topics related to the	ion	ion		Guideline, website			CDC						masks-public- transportation.html	English	usa	Europe				27-Aug Access
01/10/2	Advice for the public: Coronavirus disease (COVID- 1022 19)		and specific topics related to the pandemic. vectines that prevent people from getting seriously ill or dying from COVID-19. This is one part of managing COVID-19, in addition to the main preventive measures of staying at least. I meter away for others, covering a cough or sinese in your elbow, frequently cleaning your hands, nearing a mask and your hands, nearing a mask and	intographi s	, protection, c infographic s		Guideline			WHO						ergencies/diseases/s coronagirus-2019/as for-oublic https://www.who.is	Enelish	Swi d	zerlan multin nal	stio			Open 01-Oct Access
15/11/2	COVID-19 advice for the 1021 public: Getting vaccinated		avoiding poorly ventilated rooms or opening a window.		n vaccination		Guideline			WHO						erpancies/diseases/s coronierina-2019/cr 19 vaccines/advice https://www.who.in	torid- English	Swi d	zerlan multin nal	atio			Open 15-Nov Access
13/08/2	Advice for health workers and 1020 administrators Policy and technical		WHO guidance about home care for helath workers and administrators	health workers	health workers		Guideline			WHO						answers/item/coron s-disease-covid-19-h care for health-work and-administrators https://www.who.ins/	naviru nome- ters- Enalish Inexa-	Swi d	zerlan multin nal	atio			Open 13-Aue Access
02/07/2	considerations for implementing a risk-based approach to international travel in the context of COVID 1021 19)-	Travel advice from WHO, updated negularly	travel	travel		Guideline			WHO						and-technical considerations for- implementing a risk-b approach-to-internalis travel in the content-o covid-19	onal-	Swi d	zerlan multin	itio			Open 02-Jul Access
16/12/2	Guidence on operational microplaneing for COVID-19 (2011 waccaston		document to the NOP Missission Displayment and Visconsistion File guidence, with provide a guidence, with provide a guidence, with provide a guidence, with provide a guidence plant of the providence of the prov	y			Guideline			WHO						https://www.who.in bications/i/lene/win 2013-06/04-06/04 microplaming-2021	ht/pu HO- ion- .1 English	Swe d	zerlan multin nal	rito			Open 16-Nov Access
12/11/2	Global breastfeeding scorecat 2021: protecting breastfeedin through bold national actions during the COVID-19 pandem 021 and bevord	W.	responsible for Loss of child dear each year. The Global Breastfeeding Collecth has identified seven policy priorities for countries to protect, promote and support breastfeeding. The COVID-19 pandemic has highlighted the urgency of implementing these policy priorities but has also created new challeness for their for interrupting chains of				Guideline			WHO						https://www.who.in blications//leam/W HEP-NFS-21.45	nt/pu HO- Enelish	Swei d	zerlan multin nal	atio			Open 12-Nov Access
	Contact tracing in the content	,	transmission of SARS-CoV-2 and reducing COVID-19-associated mortality. This document provide updated guidance on how to		rmtert											https://www.who.in blications/i/item/co tracing-in-the-conte covid-19	nt/pu ntact-	Sue	narian multin	atio			Onen
01/02/2	Contact tracing in the contest 0021 of COVID-19		establish contact tracing capacity for the control of CVMIn-19, and component of a public health response to Infectious disease outbreaks. The purpose of this guidence is to resificate the purpose of community engigement and participation in the contact tracing process. The guidence are of the contact tracing products articulate best practice principles for community engigement and how they can be operationalized as part of any community centred contact.	s.	tracing		Guidelline			WHÓ						https://www.who.in blications//item/W	nt/pu HO-	d d	zerlan multin nal				Open 01-Feb Access
28/05/2	Operational guide for engagir 1021 communities in contact tracir	ng ng	community-centred contact tracing strategy. offer guidance to Member States on quarantine measures for individuals in the context of COVI 19. It is intended for those	contact tracine	contact tracing		Guideline			WHO						Contact_tracing- Community_engage 2021.1-ens	ment- Enalish	Swi d	zerlan multin nal	atio			Open 28-May Access
25/06/2	Considerations for quarantines Contacts of COVID-19 cases		responsible for establishing local or national policy for quarantine individuals, and arbitrence to crucial to preventing, preparing for, responding to, and recovering from health ermerpricies, and therefore enhancing the focus on urban settings is necessary for countries pursaring improved overall health security.	f quarantine	e quarantine , contacts		Guideline			WHO						https://www.who.in blications/i/finem/W 2039-#CW-HR- Quarantine-2021.1	HO-	Steel d	zerlan multin nal	atio			Open 25-Iun Access
	Framinwork for strengthening		WHO has published the Framwork for Strengthening thealth Emegacy Preparedness i Cities and Urban Settings in coder to support policy-maken and decision-maken in the public health setor, as well as other relevant actors and stakeholders across sectors that are engaged in health energiency preparedness is cities and urban settings. In particular, it aims to: a) provide a particular, it aims to: a) provide a	health	health y emergency																		
09/11/2	health emergency preparedness in cities and 1021 urban settings		overview of, and insight into, the lory areas that national and subnational authorities may guidance and policy on injection safety in the context of the extraordinary increase in global	, city, urban settings	, city, urban		Framework			WHO						https://www.who.in blications/i/ihem/97 0037830 https://www.who.in	trigisi nt/pu	Swi d	zerlan multin nal	atio			Open 09-Nov Access
05/11/2	rejection safety in the context of coronavirus disease (COVID 1021 19) vaccination	t)-	injections resulting from COVID-1 immunization campaigns. It also calls attention to information on specialized syrinees for certain		n vaccination		Policy brief			WHO						blications/l/frem/W 2019-nCoV-Policy-b Vaccination-Injectio safety	HD- rief-	Swi d	zerlan multin nal	atio			Open 05-Nov Access

provide guidance to host
governments, health authorities and national or international event
organizers on taking decisions related to holding mass gatherings
in the context of the COVID-19
pandemic, and on decreasing the risks of SARS-CoV-2 transmission
and strain on health systems
associated with such events,
through dedicated precautionary

	associated with such events, through dedicated precautionary measures.						
Key planning recommendations for mass	The information contained in this				https://www.who.int/pu	Autorities and Atlantic	
recommendations for mass gatherings in the context of 04/11/2021 COVID-19	document includes considerations mass mass for the oractical planning and gatherings gatherings COVID-19 and seasonal influenza	Guideline	WHO		https://www.who.int/pu blications/i/inem/20665- 332235 English	Switzerlan multinatio d nail	Open 04-Nov Access
	are currently being implemented in parallel in many countries. Administration of both vaccines during the same visit has potential vaccine, vaccine,				https://www.who.int/pu blications///bem/WHO- 2019-nCoV-vaccines-		
Coadministration of seasonal inactivated influenza and 21/10/2021 COVID-19 vaccines	during the same visit has potential vaccine, vaccine, advantages. This document influenza, influenza, presents the evidence related to COVID COVID	Report, guideline	WHO		https://www.who.int/pu blications//ifem/WHO- 2019-nCoV-vaccines- SAGE_recommendation- coadministration- influenza-vaccines English	Switzerlan multinatio d nal	Open 21-Oct Access
23/20/2022 COND-29 VIII. IIII	19: living guideline contains the Organization's most up-to-date	report, guizenne	WID		IIII THE		22-Oct Access
	necommendations for the use of therapeutics in the treatment of COVID-19. The latest version of						
	this living guideline is available in pdf format (via the 'Download'						
	button) and via an online platform, and is updated regularly as new evidence emerges.				https://www.who.int/pu		
	This sixth version of the WHO guideline now contains nine				blications//leam/WHO- 2019-nCoV-vaccines- SAGE_recommendation-		
Therapeutics and COVID-19: 24/09/2021 living guideline	recommendations, including two therapeuti therapeuti	Guideline	WHO		coadministration- influenza-vaccines English	Switzerlan multinatio d nal	Open 24-Sep Access
	Economic Area (EU/EEA) countries have established comprehensive surveillance systems for COVID-19						
COVID-19 surveillance	with a large proportion reporting all positive cases regardless of indication for besting						
guidance - Transition from CDVID-19 emergency surveillance to routine surveillance of respiratory	sorvallance systems for CDVL-19 with a large propriors reporting all positive cases regardless of indication for target large large forthermone, testing policies have been different accountains, thus affecting data companishing registratory actificity. Are this guidance pathogens pathogens pathogens				https://www.ecdc.europa .eu/en/publications-		
surveillance of respiratory 18/10/2021 pathogens		Guideline	ECDC		data/covid-19- surveillance-guidance English	Sweden Europe	Open 18-Oct Access
	travellers, are designed to reduce						
	trui interiorizo di SASA-LOV-2. Interiorizio priori to, during, and after travel. This document summarines the current scientific evidence to support desixion- making with regard to quastroline						
	withernut to support consistent making with regard to quarantine and testing of travellers, taking				https://www.ecdc.europa .eu/en/publications-		
Guidance for COVID-19 quarantine and testing of 12/03/2021 travellers	making won region to qualiforme and testing of braveliers, taking into consideration the emergence of SAMS-CoVY swinters of concern (VCC) and the current (VCC) and the current (VCC) and the current (VCA) are providing guidance for (VCA) in the current (VCA) in	Guideline	ECDC		data/guidance-covid-19- quarantine-and-testing- travellers English	Swiden Europe	Open 12-Mar Access
	(EMA) is providing guidance for medicine developers and				https://www.ema.europa.g		
Guidance for medicine	croke) is providing guarantes ser medicine developpers and phiermacoustical companies to help speed up medicine and vaccine development and approval for COVID-19, and on how they should medicine medicine				centatory/overview/bublic- health-threats/connevirus- dinesse-covid-19/euridence-		
developers and other 28/02/2021 stakeholders on COVID-19	address the regulatory developers developers Good clinical practice (GCP) is an international ethical and scientific	Guideline	EMA		medicine-developers-other- stakeholders-covid-19 English	s Europe	Open 28-Feb Access
	quality standard for designing, recording and reporting trials that involve the natricipation of human						
	involve the participation of human subjects. Compliance with this standard provides public assurance that the rights, safety and						
	that the rights, safety and wellbeing of trial subjects are protected and that clinical-trial						
	protected and that clinical-trial data are credible. The protection of clinical trial						
	subjects is consistent with the principles set out in the						
	Declaration of Helbinki. This is a statement of ethical principles developed by the World Medical						
	Association. Requirements for the conduct of				https://www.ema.europa.e. u/en/human		
					cepulatory/research- development/compliance/ep od-clinical-		
	Union (EU), including GCP and good manufacturing practice (GMP) and GCP or GMP (GMP) and GCP or GMP (inspections, are implemented in: clinical practice practice				gractice@uidance.on. clinical-trial-management- during-the-covid-10-	Netherland	Open 20-Mar Access
20/03/2020 Good clinical practice		Guideline	EMA		eandernic section English https://www.ema.europa.e u/en/human-	s Europe	20-Mar Access
	The European Medicines Agency (EMA) provides support to markicine devolupers researching and developing potential COVID—research 19 medicines. Develocated guidance, and and				u/en/human- regulatory/overview/public- health-threats/coronavirus- disease-covid-19/guidance-		
COVID-19 guidance: research					disease-covid-19/guidance- developers- companies/covid-19- guidance-research-	Netherland	Open
04/05/2020 and development	point are available. nt nt (EMA) assesses applications for	Guideline	EMA		development English	s Europe	Open 17-Sep Access
	COVID-19 medicines under the minimum timeframe necessary to allow for a thorough evaluation of						
	allow for a thorough walkation of the medicine's benefits and risks. Dedicated guidance and rapid procedures are available. EMA						
	rapid procedures can accelerate				https://www.ema.europa.e		
	overy step or tran regulatory pathway while ensuring that robust evidence on efficacy, safety and quality is generated to support				u/en/human- resulatory/overview/oublic- health-threats/connevirus-		
	scientific and regulatory decisions. They are available for initial				disease-covid-15/multimos- developers- companies/covid-19-		
COVID-19 guidance: evaluation 19/11/2020 and marketing authorisation	marketing-authorisation evaluation, evaluation, applications for the treatment or marketing marketing overview of EMA's rapid formal	Guideline	EMA		guidance-evaluation; marketine-authorisation English	Netherland s Europe	Open 19-Nov Access
	review procedures related to COVID-19 and is mainly intended as procedural guide for developers. COVID-19 It complements other documents treatment, treatment,				https://www.ema.europa .eu/en/documents/other/ ema-initiatives- acceleration-		
EMA initiatives for acceleration of development support and	is proceduring guide for envelopers. Crysto-19 (2001-19 It complements other documents treatment, treatment, published under the guidance for vaccines, vaccines,						
evaluation procedures for COVID-19 treatments and 16/09/2021 vaccines	a competents ober occurrents published under the guidance for medic the developers and competence of CVID-19 and the noticethe evidance crowled for employees protect workers who	Guideline	EMA		evaluation-procedures- covid-19-treatments- vaccines en.odf Enalish	Netherland s Europe	Open 16-Sep Access
	employers protect workers who are unwacrinated (including people who are not fello varrinated) or						
Protecting Workers: Guidance	otherwise at-risk (as defined in the text box below), including if they						
on Mitigating and Preventing the Spread of COVID-19 in the 10/06/2021 Workplace	ornreme at the las cented in the birt box blood, including if they are immunocorpromised, and also implement new guidance protect involving workers who are fully workers workers.	Guideline	OSHA		https://www.osha.gou/co ronavirus/safework English	outside USA Europe	Open 10-Jun Access
	no urgent need for the administration of booster doses of vaccines to fully vaccinated						
SCOP and SAM highlight	individuals in the general population, according to a				https://www.ecdc.europa		
ECDC and EMA highlight considerations for additional and booster doses of CDVID-19	population, incorreng to an open population, incorreng to the chical population of the control o				.eu/en/news-events/ecdc- and-ema-considerations- additional-and-booster- doses-covid-19-vaccines English		Open 02-Sep Access
02/09/2021 vaccines	The report also notes that vaccination vaccination target audience with interim public health considerations for	Guideline	ECDC		doses-covid-19-vaccines English	Sweden Europe	02-Sep Access
	the provision of additional COVID- 19 varying drugs. The most report						
	evidence regarding vaccine effectiveness against symptomatic and asymptomatic infection due to the distribution ordinates						
	the circulating variants and regarding duration of immunity will be briefly summarised.						
	will be briefly summarised.						
considerations for the					https://econv.acdr.auropia au/en/authistions- dua/conict-10-millio-		
Interim public health considerations for the provision of additional COVID- 01/09/2021 19 vaccine doses	Considerations accound the implementation of additional booster, COVID-19 vaccine does will also be discussed. This document does one aim to provide.	Guideline, report	ECDC		https://www.acck.auroga au/en/publications; data/copid-10-public- heathr-comiderations; udditional-vaccine-doses English	Sweden Europe	Open 01-Sep Access
interim public rearm considerations for the provision of additional COVID- 01/09/2021 19 vaccine doses	Comiderations around the implementation of additional booster, booster, COVID-19 vective doses will also additional additional be discussed. This document dos dose, dose, not aim to provide veccination vaccination vaccination brategic Advancy Group of Experts (\$4,642) on Immunisation and its COVID-29 Veccines.	Guideline, report	ecoc		eu/en/publications- data/covid-19-public-	Sweden Europa	Open 01-Sep Access
	Comiderations around the implementation of additional booster, booster, consideration of additional additional additional additional be discussed. This document does does, cot aim to provide vaccination vaccina	Guideline, report	ECDC		eu/en/publications- data/covid-19-public-	Sweden Europe	Open 01-Sep Access
Interim statement on booster drose for CDSD-19.	Comiderations around the implementation of additional booster, booster, consideration of additional additional additional additional be discussed. This document does does, cot aim to provide vaccination vaccina				autenfostbication: datat roots 13 author basht-considerations; additional-vaccine-doses trugish https://www.who.int/ne- wa/famen04-10-1011; interim-statement-dos- bootse-dose-for-cond-		
	Commissions around the Commission behavior, business, COMPO 3 Yeards also all sizes additional be discussed that the discussed the sizes of the commission o	Guideline, report Guideline, statement	scoc who		es fen fostkirations, data fronk 19 es helic health considerations; additional-vaccine-doses English	Seedan Europe beltaria multivolto e nat	Open 01-Sep Access Open 04-Oct Access
Interim statement on booster does for COVID-19 64/10/2021 wordering to the covid of	Commissions around the Commission behavior, business, COMPO 3 Vacciones and state and leaves and le				anders beditations, anders beditations, anders beditations, and an antibodistic a		
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Interior statement on booster down for COVID-19 GMT-07-021 vectoration Digital documentation of COVID-19 certification: vectoration states: technical	Combinations around the Combination Security Combin	Guideline, statement	WHO		and condition of the co	Saltarian malhouto d cud	Open 04-Oct Access
Interior statement on booster down for COVID-19 GMT-07-021 vectoration Digital documentation of COVID-19 certification: vectoration states: technical	Considerations around distinguishmentation and distinguishmentation and interest an	Guideline, statement	WHO		and conditioning and co	Saltarian malhouto d cud	Open 04-Oct Access
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Using face masks in the	evidence that has been accumulated since the emergence of COVID-19, in addition to what							https://www.ecdc.europa .eu/en/sublications-			
community: first update - Effectiveness in reducing	has existed on this topic prior to mask, the pandemic, and updates the transmis	mask,						data/using-face-masks- community-reducing-			Onen
15/02/2021 transmission of COVID-19	ECDC opinion on the suitability of n This paper makes the case for	n		Guideline		ECDC		covid-19-transmission	Sweden	Europe	15-Feb Access
	immediate planning for a COVID- 19 vaccination uptake strategy in										
	advance of vaccine availability for two reasons: first, the need to										
	build a consensus about the order in which groups of the population										
	will get access to the vaccine; second, to reduce any fear and										
	concerns that exist in relation to										
	vaccination and to create demand for vaccines. A key part of this										
	strategy is to counter the anti- vaccination movement that is										
	already promoting hesitancy and resistance. Since the beginning of										
	the COVID-19 pandemic there has Covid-15 been a tsunami of misinformation behavior	ur behaviour									
	and conspiracy theories that have change; the potential to reduce vaccine commun	nic communic									
	uptake. To make matters worse, ation; sections of populations in many social	social	Jeff French , Sameer								
Key Guidelines in Developing a	countries display low trust in marketin governments and official vaccine	ng: marketing: vaccine	, William		Int J						
Pre-Emptive COVID-19 Vaccination Uptake Promotion	information about the pandemic hesitance and how the officials are tackling vaccine	v: besitancy:	Evans, Rafael		Environ Res Public		10.3390/ij erph17165	https://www.ncbi.nlm.ni h.gov/pmc/articles/PMC7			Quen
13/08/2020 Strategy	it. This paper aims to set out in uptake	uptake	Obregon	Guideline	Health		893	459701/	UK	Europe	13-Aug Access
	The purpose of this brief is to support decision makers who are							https://wpoc.cochrane.or g/sites/epoc.cochrane.org			
	planning and implementing vaccine communication strategies.							/files/public/uploads/PDF summaries/brief 1 com			
Communicating with the public about vaccines:	The objective of this brief is to present implementation vaccine,	vaccine.						municating-with-the- public-about-vaccines-			
Implementation 30/06/2021 considerations	considerations based on evidence commun from systematic reviews.	nic communic ation		chrane Guideline		Cochrane		implementation considerations.pdf	UK	Europe	Open 30-Jun Access
Jujusta Communication	TOTAL PROPERTY AND STATES	20011		CIIIII GEIGEIRE		COLLEGE		COLUMN STATE OF THE STATE OF TH	un.	Links	John Access
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			nedicte CarlserSim								
			on LewinMan								
Healthcare workers'			uela Dominique								
perceptions and experiences of	To explore healthcare workers'		Wennekes Brita								
communicating with people over 50 years of age about varyingtion; a mulifrative	perceptions and experiences of		Askeland Winisters VII					https://www.cochranelib rary.com/cds/doi/10.10 02/14651858.00033706			
vaccination: a qualitative 21/07/2021 evidence synthesis	communicating with older adults vaccine, about vaccination. over 50	vaccine, over 50		TAL nsortium Guideline		Cochrane		02/14651858 CD013706. pub2/full	UK	Europe	Open 21-Jul Access
	provide policy- and decision makers and operational staff with										
	evidence to inform decisions on the use of digital interventions to							https://wpoc.cochrane.or e/sites/epoc.cochrane.org			
	promote vaccine uptake across all age groups.							/files/public/uploads/PDF summaries/brief_2_effe			
Effects of digital interventions	The objective is to summarize evidence from four systematic vaccine,							cts-of-digital- interventions-for-			
for promoting vaccination 30/06/2021 uptake	neviews on this topic, including vaccinate how much certainty we have in uptake	ion vaccination uptake	Co	chrane Guideline		Cochrane		promotine-vaccination- uptake.pdf	UK	Europe	Open 30-Jun Access
			Alex								
			Pollock, Pauline								
			Campbell, Joshua								
	Objective 1: to assess the effects of		Cheyne, Julie								
	interventions aimed at supporting the resilience and mental health of		Cowie, Bridget								
	frontline health and social care professionals during and after a		Davis, Jacqueline								
	disease outbreak, epidemic or pandemic.		McCallum, tris MrGill								
			Andrew								
Interventions to support the	Objective 2: to identify barriers and facilitators that may impact on the implementation of		Elders, Suzanne								
resilience and mental health of	interventions aimed at supporting		Hagen, Doreen								
frontline health and social care professionals during and after	the resilience and mental health of frontline health and social care		McClurg, Claire					https://www.cochranelib			
a disease outbreak, epidemic or pandemic: a mixed methods	professionals during and after a frontline disease outbreak, epidemic or mental	mental	Torrers, Margaret				10.1002/1 4651858.C	rary.com/cdsr/doi/10.10 02/14651858.CD013779/			Open
05/11/2020 systematic review	pandemic. health	health	Mixwell	Guideline		Cochrane	D013779	full	UK	Europe	05-Nov Access





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