

COVID-END

>> LET'S COLLABORATE



Scoping	Engaging	Digitizing	Synthesizing	Recommending	Packaging	Sustaining	Let's collaborate
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Our guide to COVID-19 evidence sources



To help health- and social-system leaders as they respond to unprecedented challenges related to the COVID-19 pandemic, teams from the McMaster Health Forum and Ottawa Hospital Research Institute – as part of their contribution to [RISE](#) – and the Africa Centre for Evidence have compiled a list of evidence sources.

To suggest additional open access evidence sources related to the COVID-19 pandemic, please email us at forum@mcmaster.ca.

Sources of recommendations developed using a robust process

- Repository of quality-rated guidelines
 - [ECRI Guidelines Trust](#) (must register or log in for link to work) - No quality ratings yet for COVID-19 guidelines but includes guidelines like the following:
 - [Management of critically ill adults with COVID-19](#)
- Rapid recommendations using a robust process
 - [World Health Organization](#) technical guidance
 - [National Institute for Health and Care Excellence](#) rapid guidelines (see left column; the rapid reviews are listed in the relevant section below)
 - [BMJ Rapid Recommendations](#) – *Coming soon*
- Repository of GRADE-based guidelines
 - [BIGG](#)
- Robust guideline-development platforms
 - [MAGICapp](#) – No COVID-19 filter available yet but includes the following guideline:
 - [National COVID-19 Living Evidence Task Force](#) (living evidence-based guidelines)
 - [GRADEpro GDT](#) – No COVID-19 filter or guidelines available yet
- Rapid health-technology assessments prepared using a robust process
 - None yet found
- Rapid decision aids prepared using a robust process
 - Patient Decision Aids – No COVID-19 filter but includes one decision aid:
 - [Decision aid about living with a family/friend or staying in a retirement/assisted-living home](#)
- Derivative products based on recommendations developed using a robust process
 - [Johanna Briggs Institute](#) (infection control and prevention measures for health professionals and for health organizations)

Sources of full systematic reviews (and derivative products)

- [Cochrane](#)
 - [Special collections of Cochrane systematic reviews](#)
 - [Prioritized Cochrane systematic review updates](#) (same page as above but lower down the page; the rapid reviews are listed in the relevant section below)
 - Resource pages from Cochrane Groups that are based on Cochrane systematic reviews
 - [Aging](#)
 - [Cochrane Clinical Answers](#)
 - [ENT, hearing and balance](#)
 - [Fertility and pregnancy](#)
 - [Health systems](#)
 - [Oral and dental care](#)
 - [Translations to Spanish](#)
- [Evidence Aid](#)
 - Summaries of systematic reviews that may be relevant to COVID-19 in eight broad areas (infection prevention and control; clinical characterization and management; therapeutics and vaccines; public-health interventions; health systems and services; epidemiology; ethical considerations; and social science in response)
- [Health Systems Evidence and Social Systems Evidence – Coming soon](#)
 - Systematic reviews and economic evaluations about health- and social-system arrangements presented with their focus on or relevance to COVID-19, quality rating, recency of search (or updating), and countries where the research was conducted
- [McMaster Optimal Aging Portal](#)
 - Citizen-targeted summaries of systematic reviews that may be relevant to staying active and engaged while practicing physical distancing

Sources of rapid reviews (1 of 3 sets of sources) – By global groups

- [Cochrane](#) (scroll partway down the page)

Sources of rapid reviews (2 of 3 sets of sources) – By national groups

- [Australia](#)
 - [New South Wales' Agency for Clinical Innovation](#)
- [Canada](#)
 - [Canadian Agency for Drugs and Technologies in Health](#) (includes an online form for eligible Canadian organizations to submit a request)
 - [Institut national d'excellence en santé et en services sociaux](#) (reports written in French)
 - [National Collaborating Centre for Methods and Tools](#) (includes an option to upload more regardless of country where based)
 - [Ontario Health's Quality Business Unit](#) (formerly Health Quality Ontario)
 - [Ontario Ministry of Health's Research, Analysis and Evaluation Branch](#) (reports available upon request)
 - [SPOR Evidence Alliance | Methods and Applications Group in Indirect Comparisons \(MAGIC\) Network Meta-Analysis team](#) (part of the CIHR Drug Safety and Effectiveness Network) – Coming soon, but with existing rapid reviews listed below
 - [Rapid review about the safety and effectiveness of antiviral or antibody treatments for coronavirus](#)
 - [Rapid overview of reviews](#) about preventing respiratory illness in older adults aged 60 years and above living in long-term care
- [Lebanon](#)
 - [Knowledge to Policy Center](#)
- [Norway](#)
 - [Norwegian Institute of Public Health](#) (scroll partway down the page; the evidence map is listed below in the relevant section)
- [United Kingdom](#)
 - [National Institute for Health and Care Excellence](#) (see right column; the rapid guidelines are listed in the relevant section above)
 - [Oxford Centre for Evidence-based Medicine](#) (the running list of questions that the centre is actively addressing are listed in the relevant section below)

Sources of rapid reviews (3 of 3 sets of sources) – In particular topic areas

- [Alliance for Health Policy and Systems Research](#) (health policy and systems)
- [George Institute](#) (front-line health workers)
- [Systematic Reviews for Animals and Food](#) (pets and livestock)

Sources of protocols for systematic and rapid reviews that are underway

- [PROSPERO](#) (includes registered systematic reviews, with a separate search filter for human studies and for animal studies)

Sources of titles/questions for systematic and rapid reviews that are being planned

- [Cochrane](#)
- [Oxford Centre for Evidence-based Medicine](#)

Sources of single studies (1 of 5 sets of sources) – Living evidence maps

- [COVID-NMA](#) (living evidence map and living network meta-analysis)
- [EPPI Centre](#) (living evidence map of human studies organized by 11 areas of focus)
- [Norwegian Institute of Public Health](#) (living evidence map of human, animal, in vitro and in silico studies organized by eight areas of focus, with additional details [here](#))
- [CAMARADES](#) (animal studies, with [protocol](#) available but living evidence map not yet available)

Sources of single studies (2 of 5 sets of sources) – Searchable databases of single studies and often systematic reviews as well

- [COVID-19+ by McMaster PLUS](#) (includes critically appraised systematic reviews and single studies organized by quality level and document type)
- [L*VE by Epistemonikos](#) (includes existing systematic reviews of effects and the primary studies, including trials, that were included in the reviews)
- [LitCovid from PubMed](#) (includes systematic reviews and single studies organized by mechanism, transmission, treatment, case report, and epidemic forecasting)
- [Literature Review](#) (includes manually identified systematic reviews and single studies organized by topic and medical specialty)
- [TRIP database](#) (includes systematic reviews and single studies organized by document type)
- [World Health Organization](#) (includes single studies)

Sources of single studies (3 of 5 sets of sources) – Inventories of studies that are underway

- [Clinicaltrials.gov](#) (includes U.S. federal government-funded trials)
- [Cochrane](#) (includes all study types relevant to Cochrane reviews)
- [COVID-evidence](#) (includes planned, ongoing, and completed trials on any intervention to treat or prevent COVID-19)
- [Cytel](#) (includes active interventional clinical trials)
- [Health Canada](#) (includes Health Canada-approved trials)
- [International Clinical Trials Registry Platform](#) (includes clinical trials)
- [U.S. National Institutes of Health](#) (includes genomic study points and clinical trials)
- [WHO](#) (includes R&D being supported by WHO)

Sources of single studies (4 of 5 sets of sources) – Publisher- and journal-specific evidence hubs

- [American College of Cardiology](#)
- [Annals of Internal Medicine](#)
- [BMJ](#)
- [CellPress](#)
- [Dynamed](#)
- [EBSCO](#)
- [Elsevier](#) (information centre)
- [Elsevier](#) (research repository)
- [Journal of the American College of Cardiology](#)
- [Lancet](#)
- [New England Journal of Medicine](#)
- [Sage](#)
- [SpringerNature](#)
- [SSRN](#)
- [Wiley](#)
- [Wolters Kluwer](#)

Sources of single studies (5 of 5 sets of sources) – Pre-print services

- [bioRxiv & medRxiv](#)
- [Wiley Open Research Preprints](#)

Sources of data contained in systematic reviews and single studies

- [Centers for Disease Control and Prevention](#) (includes articles from the PubMed link above plus those from the WHO database)
- [Doctor Evidence](#) (includes articles from a broader range of sources and presented in a way that supports natural-language processing)
- [Rayyan](#) (includes articles from similar sources and presented in a way that supports natural-language processing)

Sources of funded research projects

- [UK Collaborative on Development Research and GloPID-R](#)

Sources of information where the sources of evidence can't always be separately identified (1 of 2 sets of sources) – By jurisdiction

- [Global](#)

- [World Health Organization](#)
- [EPI-WIN \(WHO Information for Network for Epidemics\)](#)
- **Regional**
- **Africa**
 - [Africa Evidence Network](#)
- **Americas**
 - [Pan American Health Organization](#)
- **Europe**
 - [WHO Regional Office for Europe \(technical guidance\)](#)
- **Canada**
 - [Government of Canada](#)
 - [CanCOVID](#)
 - [Canadian Centre on Substance Use and Addiction](#)
 - [Canadian Medical Association, College of Family Physicians of Canada, and Royal College of Physicians and Surgeons of Canada](#)
 - [Mental Health Commission of Canada](#)
 - **Ontario**
 - [Government of Ontario](#)
 - [Ontario Ministry of Health \(includes guidance for key health sectors\)](#)
 - [Public Health Ontario](#)
 - [See also the synopsis of key articles](#)
 - [Ontario Hospital Association](#)
 - [Anti-microbial Stewardship Program \(includes clinical treatment with antimicrobial and immunomodulatory therapy, as well as experimental drugs\)](#)
 - [Centre for Effective Practice \(includes guidance for primary-care providers\)](#)
 - [DIVERT | COVID Toolkit \(includes resources to support home cardiorespiratory patients during the COVID-19 pandemic\)](#)
 - **China**
 - [Chinese Center for Disease Control and Prevention](#)
 - **Ireland**
 - [Health Information and Quality Authority](#)
 - [iHealthFacts](#)
- [Irish Longitudinal Study on Ageing](#)
- **Italy**
 - [National health authority \(reports in Italian\)](#)
- **U.K.**
 - [CHAIN](#)
 - [Health Data Research UK \(includes health-data responses\)](#)
 - [Public Health England](#)
- **U.S.**
 - [Center for Disease Control](#)
 - [Johns Hopkins Medicine POC-IT Guide](#)
- *Other jurisdictions to follow as submissions are received at forum@mcmaster.ca*
- **National (and sub-national)**

Sources of information where the sources of evidence can't always be separately identified (2 of 2 sets of sources) – By condition or sector

- [CareSearch: Palliative Care Knowledge Network](#)
- [eCancer](#)
- [European Respiratory Society](#)
- [European Society of Intensive Care Medicine](#)
- [International Long Term Care Policy Network](#)
- [Society of Critical Care Medicine](#)
- [The Global Health Network's Research Implementation Hub](#)

Government-response trackers

- [Health Economics, Policy and Law \(blog series\)](#)
- [Oxford's Blavatnik School of Government](#)
- [WHO Regional Office for Europe \(health-system responses\)](#)

Ways to help with the evidence response

- [Cochrane](#)
 - [TaskExchange \(where individuals can volunteer to help with review-related tasks\)](#)

Other emergent platforms to support the evidence response

- [COVID Knowledge Accelerator \(COKA\)](#)
- [WHO Evidence Collaborative for COVID-19 \(ECC-19\) Network \(no website as yet\)](#)

