COVID-19 Clinical Trials

An overview of information sources

Version 5.0 - Bristol, UK, 08 April 2020
Updated on an ongoing basis. Check this link for the most recent version before use.

This document provides an overview of COVID-19 clinical trial information sources. It aims to:

- Facilitate searches for clinical trials and their results
- Help actors to avoid duplication and align efforts

DATA AGGREGATED FROM TRIAL REGISTRIES

COVID-evidence NOW LIVE
- Continuously updated database of clinical trial evidence for COVID-19 treatments
- Plan to continually expand the database with additional categories
- Scope: interventions for prevention, diagnosis, treatment and clinical management, including drug and non-drug treatments, vaccines, diagnostic procedures, and decision algorithms
- Search strategy: continuous automated extraction, automated classifications, crowd-based manual screening and data extraction, QA via expert review
- Open access, data can be downloaded as CSV or Excel
- Contact: Lars Hemkens or @covid-evidence

Cochrane's COVID-19 Study Register NEW
- Aims to support rapid evidence synthesis
- Continually updated, annotated reference collection of human studies on COVID-19
- Includes: interventional, observational, diagnostic, prognostic, epidemiological, and economic designs (but not in vitro studies)
- Can filter by: Study type, design, aim, and randomisation (with numerous sub-categories)
- Can be downloaded in CSV format

Covid-19 TrialsTracker
- Lists clinical trials from across all WHO primary trial registries and CT-gov
- All data and code are open access
- Contact: Nick DeVito, EBM Data Lab, University of Oxford
Global Coronavirus COVID-19 Clinical Trial Tracker NEW
- Captures 491 clinical trials (as of 06 April)
- Numerous search/filter functions, including country, severity, treatment(s), enrolment
- ‘Information’ button leads to narrative summaries of 8 trial results
- Search methodology is public; data is downloadable in CSV format
- Contact: Louis Dron louis.dron@cytel.com

COVID-19 Trial Insights NEW
- Lists clinical trials from across all WHO primary trial registries and CT-gov
- Integrates data from PubMed, Therapeutic Target Database, and PubChem
- Strong search and filter functions, e.g. by drug being trialled

International Clinical Trial Registry Platform (ICTRP)
- ICTRP search and access is currently blocked for all non-WHO users
- COVID-19 trials data available for download in CSV format, updated weekly

Trackers providing enrolment information for patients
- Corona Clinical Trials by trial disclosure company TrialScope
- COVID Tracker by trial recruitment company HealthMatch NEW

Clinical Trials Viewer NEW
- Search for COVID-19 to see all trials on Clinicaltrials.gov with start and end dates

Narrative reviews of COVID-19 trial portfolios
- Review of ongoing trials as of 20 March, incl. listing of trials with details of the drug used in each treatment arm. Contact: Mark Lythgoe or @marklythgoe NEW
- Analysis of 382 COVID-19 trials (379 in China) registered on ICTRP up to 08 March

TREATMENT DEVELOPMENT PIPELINES

COVID-19 Updates
- Dashboard and list of clinical trials in pipeline for COVID-19 treatments
- Contains 318 searchable unique trials of 89 interventions (as of 27 March)
  - Covers all trial registries – search strategy is public
  - Includes: treatment, prevention, Traditional Chinese Medicine
  - Excludes: ventilators, diagnostics, behavioural, epidemiological, observational, and cancelled/withdrawn trials
- Contact: Dapo Ogunbayo, NIHR Innovation Observatory @NIHRIO

Milken Institute COVID-19 Treatment and Vaccines Tracker
- Overview of research pipeline by type (vaccines, anti-virals, antibodies, etc)
- Daily updated PDF listing studies based on review of media sources

COVID-19 Therapeutics Tracker NEW
- Narrative summary of therapeutics being tested by RAPS, will be updated weekly
**COVID-19 vaccine development pipeline** NEW
- Tracking COVID-19 vaccine candidates’ progress through the development pipeline
- LSHTM Vaccine Centre project, updated monthly

**Artis Ventures** NEW
- Snapshot of the latest COVID-19 diagnostics, therapeutics, and vaccines innovations
- Data available upon request: @vasudevbailey or @zoeguttendorf

**LIVING EVIDENCE SYNTHESSES**

**IDDDO Living systematic review COVID-19** NEW
- Open searchable resource on COVID-19 clinical trial registrations ([protocol is online](#))
- Frequent updates planned
- Not launched yet
- Contact: Philippe Guérin or @IDDOnews

**EPPI COVID-19 Living Systematic Evidence Map**
- Impressive and well-curated collection of studies and systematic reviews
- Collates emerging evidence, including but not limited to clinical trial results
- Updated weekly, contact: @EPPICentre

**LOVE Coronavirus - COVID-19** NEW
- Lists 57 relevant systematic reviews and 556 primary studies (as of 06 April)
- Searchable in PICO format
- Also includes a living evidence repository (2 reviews as of 06 April)

**Living Evidence Summary of Primary Research Related to Covid-19** NEW
- Currently building bibliography of all publications reporting primary research related to COVID-19 including clinical, epidemiological and basic primary research ([protocol here](#))
- Website not live yet
- Contact: Malcolm MacLeod or @CAMARADES_, University of Edinburgh

**Oxford COVID-19 Evidence Service**
- Rapid reviews for clinicians & policy makers
- Includes list of questions currently under review

**OTHER SOURCE OF INFORMATION ON COVID CLINICAL TRIALS**

**WHO Global research on COVID-19 portal** linking to:
- Daily updated database of publications on COVID-19 via manual search of journals

**WHO R&D blueprint page**
- Regularly adding reports such as:
  - Overview of the types/classes of candidate therapeutics (21 March)
  - Phase IIb/III Vaccine Trial Synopsis [protocol template] (18 Feb)
  - Therapeutic Trial Synopsis [protocol template] (18 Feb)
  - Outline of trial designs for experimental therapeutics (27 Jan)
  - Ethical guidance to support COVID-19 R&D (no date)
COVID-19 R&D Data & Dashboard **NEW**
- Tracks global public and philanthropic R&D investments
- Continuously updating with new COVID-19 related award decisions

Cochrane COVID-19 resources and news page
- **Rapid reviews** covering policy as well as medical questions (1 completed as of 26 March)
- **Special collections** of old reviews relevant to COVID (2 as of 26 March, many others underway)

COVID-19 Core Outcomes
- **Will do a systematic review** of outcomes in registered and published trials
- Process is based on the COMET methodological framework
- Part of the [Australian Living Evidence Consortium](https://www.health.gov.au/living-evidence)

LitCovid literature hub
- NLM curated literature hub for tracking up-to-date scientific information about COVID
- Central access to 1,737 relevant articles in PubMed (as of 27 March)
- Categories: mechanism, transmission, treatment, case report, epidemic forecasting, country
- Updated daily, data downloadable
- Has search function but does not allow search for RCTs only

**Vivli** Center for Global Clinical Research Data
- **Will launch a COVID-19 portal** for sharing of completed interventional treatment trial data
- All member and user fees will be waived for sharing and access

**Trip database**
- Aggregates wide range of [publications on COVID](https://trip.cochrane.org/) (210 as of 26 March)
- Strong search function
- Includes no reports of trial outcomes or regulatory guidances yet (as of 26 March)

**COVID-19 Open Research Dataset (CORD-19)**
- Free resource of over 29,000 scholarly articles about COVID-19 and other coronaviruses
- Aggregated from PubMed PMC, WHO, bioRxiv and medRxiv pre-prints

[ENDS]

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Updated on an ongoing basis. Check [this link](https://www.health.gov.au/living-evidence) for the most recent version before use.

Please contact tillbruckner@gmail.com to suggest additional resources to include.

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