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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 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

[IDDO 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](#)

[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](#) (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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Please contact tillbruckner@gmail.com to suggest additional resources to include.

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