COVID-19 Clinical Trial Info Sources

Who is doing what?

Version 2.0 - Bristol, UK, 30 March 2020

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

This document will be updated regularly. Pointers to sources we have missed are highly welcome. Email Till Bruckner: tillbruckner@gmail.com

For the latest version, visit the TranspariMED website. The website allows you to subscribe to email updates (please do!), but these are not yet being sent out. To receive updates, connect on LinkedIn and on Twitter.

NEED SUPPORT WITH MANUALLY EXTRACTING DATA ON COVID TRIALS?

TranspariMED and UAEM-UK have teamed up to create a team of volunteers to search trial registries and the academic literature for data on interventional clinical trials and their outcomes. We aim to provide data that can integrated into multiple external databases and support third parties in their efforts to synthesise and analyse information on clinical trials. Please email us if this is of interest.

AGGREGATED DATA FROM TRIAL REGISTRIES

CEBM Oxford

- Covid-19 TrialsTracker, NEW
- Run the Oxford COVID-19 Evidence Service (rapid reviews for clinicians & policy makers)
  - Includes list of questions currently under review
- Analysis of 382 COVID-19 trials (379 in China) registered up to 08 March via ICTRP
  - Breakdown by intervention type
  - List of pharmacological interventions incl mechanism of action
  - List of Advanced Therapy Medicinal Products
NIHR Innovation Observatory COVID-19 Updates

- Dashboard and list of clinical trials in pipeline for COVID-19 treatments
- Contains 318 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  - Excludes: ventilators, diagnostics, behavioural, epidemiological, observational, and cancelled/withdrawn trials
- Search by: intervention, monotherapy vs combination, phase, status, registry, registration date range, and speciality
- Interventions classified according to Zhang et al 2020
- Visualisation of intervention types / location (country) / registration date
- Can subscribe to email alerts for new content (not yet functional, 27 March)

TrialScope & CISCRP

- Search engine for COVID interventional trials and observational studies
- Searchable by: Study Status, Phase, Age (three ranges), Sex
- Currently limited to trials on Clinicaltrials.gov but plan to expand
- Largely aimed at patients
  - Summary info on each trial relevant to potential participants (example)
  - Location, inclusion/exclusion criteria, duration, sponsor

COVID-evidence database NEW

- Creating a living database of trials on interventions for COVID-19
- Focus: trial evidence on benefits and harms of interventions for COVID-19
- Includes: reports, registry entries, and manuscripts
- Scope: interventions for prevention, diagnosis, treatment and clinical management, including drug and non-drug treatments, vaccines, diagnostic procedures, and decision algorithms
- Approach: continuous automated extraction, automated classifications, crowd-based manual screening and data extraction, quality control through expert review
- Have already run searches of trial registries, PubMed, and LitCovid
- Run by Basel Institute for Clinical Epidemiology and Biostatistics (Lars Hemkens)
- Link will be www.COVID-evidence.org but this is not live yet
- 202 trials identified as of 30 March

International Clinical Trial Registry Platform (ICTRP)

- Aggregating Corona trials from different registries (CT-gov plus all WHO primary registries)
- ICTRIP say the data will be available via link at the WHO Global research portal (see below)
- Tweet: 508 trials total as of 18 March
- ICTRIP updates every Friday evening, most recent update date listed online by registry
- Link to COVID trials has been inaccessible for several days (as of 27 March)
**OTHER SOURCE OF INFORMATION ON COVID CLINICAL TRIALS**

**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
  - Includes type of product / treatment & sponsor & expected date of trial end / results
  - Does not include clinical trial ID number

**WHO Global research on COVID-19 portal** linking to:

- Link to International Clinical Trial Registry Platform (ICTRP) (*not working as of 27 March*)
- Daily updated **database of publications** on COVID-19 via manual search of journals
  - Not restricted to RCTs – quite a random collection
  - Search functions exist but search for RCTs only is not an option
  - **Database is downloadable in theory but link was broken as of 26 March**

**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)

**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)
- **Cochrane Central Register of Controlled Trials** (0 COVID trials as of 26 March)
- **Cochrane Crowd** are crowdsourcing “identifying and describing the latest studies” on COVID
  - First challenge will start on Monday 30 March at 10am GMT crowd@cochrane.org
- Cochrane is **working on** “a living repository of studies including gap maps” and “annotating all COVID-19 studies with PICO”

**COVID-19 Core Outcomes**

- **Will do a systematic review** of outcomes in registered and published trials
- Launching a global **Delphi survey** to ensure that important outcomes are included in clinical trials and clinical guidelines, two rounds from March to April 2020
- **Planning** a series of online consensus workshops
- 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)