COVID-19 Clinical Trials

An overview of information sources

Version 3.0 - Bristol, UK, 31 March 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

See here for an overview of what data each of the sites below contains.

CEBM Oxford
- Covid-19 TrialsTracker listing all relevant clinical trials
- Oxford COVID-19 Evidence Service with 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

TrialScope & CSCRPh
- 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
  - 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](http://www.COVID-evidence.org) but this is not live yet
- 202 trials identified as of 30 March

**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)

**International Clinical Trial Registry Platform (ICTRP)**

- Aggregating Corona trials from different registries (CT-gov plus all WHO primary registries)
- ICTRP say the data will be available via link at the [WHO Global research portal](#) (see below)
- **Tweet**: 508 trials total as of 18 March
- ICTRP 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)

[ENDS]

Updated on an ongoing basis. Check this link for the most recent version before use. Please contact tillbruckner@gmail.com to suggest additional resources to include.

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