# CORONATION: Coronavirus (COVID-19) multinational observational registry

Submission date	Recruitment status	[X] Prospectively registered
22/04/2020	No longer recruiting	Protocol
Registration date	Overall study status	Statistical analysis plan
23/07/2020	Completed	Results
Last Edited	Condition category	Individual participant data
07/08/2020	Infections and Infestations	Record updated in last year

#### Plain English summary of protocol

Background and study aims

COVID-19 is a condition caused by the coronavirus (called SARS-CoV-2) that was first identified in late 2019. This virus can infect the respiratory (breathing) system. Some people do not have symptoms but can carry the virus and pass it on to others. People who have developed the condition may develop a fever and/or a continuous cough among other symptoms. This can develop into pneumonia. Pneumonia is a chest infection where the small air pockets of the lungs, called alveoli, fill with liquid and make it more difficult to breathe.

In 2020, the virus has spread to many countries around the world and neither a vaccine against the virus or specific treatment for COVID-19 has yet been developed. As of March 2020, it is advised that people minimize travel and social contact, and regularly wash their hands to reduce the spread of the virus.

Groups who are at a higher risk from infection with the virus, and therefore of developing COVID-19, include people aged over 70 years, people who have long-term health conditions (such as asthma or diabetes), people who have a weakened immune system and people who are pregnant. People in these groups, and people who might come into contact with them, can reduce this risk by following the up-to-date advice to reduce the spread of the virus.

CORONATION is an observational registry which will look at the spread and the severity of COVID-19 in the UK and internationally. By building a database of patients it will allow for the identification of risk factors for disease progression and severity. It will also establish the patterns of disease transmission, and allow for the evaluation of the impact COVID-19 has on the healthcare system.

Who can participate? All cases of COVID-19.

What does the study involve?

Care teams will collect demographic and clinical data on confirmed COVID-19 cases and enter this information into a database. This will be undertaken through a simple enrollment process and linkage with other datasets.

What are the possible benefits and risks of participating?
Benefits: contributing to the fight against COVID19 by helping doctors and the NHS to understand how people are affected by COVID19.

As this is an observational study there are no risks associated with participation.

Where is the study run from? Addenbrookes Hospital (UK)

When is the study starting and how long is it expected to run for? April 2020 to April 2025

Who is funding the study? Cambridge Biomedical Research Centre (UK)

Who is the main contact?

Unfortunately, this study is not recruiting public volunteers at this time. This is because the research isn't ready for volunteers yet or the researchers are directly identifying volunteers in certain areas or hospitals. Please do not contact the research team as they will not be able to respond. For more information about COVID-19 research, visit the Be Part of Research homepage.

# Contact information

## Type(s)

**Public** 

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# Type(s)

Scientific

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# Additional identifiers

#### Clinical Trials Information System (CTIS)

Nil known

#### Integrated Research Application System (IRAS)

282239

# ClinicalTrials.gov (NCT)

Nil known

#### Protocol serial number

CCTU0304, IRAS 282239

# Study information

#### Scientific Title

Coronavirus (COVID-19) Multinational observational registry (CORONATION)

#### Acronym

CORONATION

# Study objectives

The rationale for this study is to understand the spread and severity of COVID-19 in people across the world.

# Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Approved 20/07/2020, University of Cambridge Human Biology Research Ethics Committee (17 Mill Lane, Cambridge, CB2 1RX; +44 (0)1223 766894; cb480@admin.cam.ac.uk), ref: HBREC. 2020.32

#### Study design

Observational epidemiological study

#### Primary study design

Observational

## Study type(s)

Screening

## Health condition(s) or problem(s) studied

COVID-19 (SARS-CoV-2 infection)

#### **Interventions**

The CORONATION registry is a patient-level disease registry capturing identifiable patient data on UK COVID-19 cases and anonymised or identifiable data on international COVID-19 cases.

Care teams will collect demographic and clinical data on confirmed COVID-19 cases and enter this information into a database. This will be undertaken through a simple enrollment process and linkage with other datasets.

Baseline data collected will include baseline demographic data, baseline clinical data (comorbidities, medication, COVID-19 status and symptoms).

#### Intervention Type

Other

#### Primary outcome(s)

Demographic and clinical data on confirmed COVID-19 cases (comorbidities, medication, COVID-19 status and symptoms) collected regularly from participating centres by entering data into an online portal

## Key secondary outcome(s))

There are no secondary outcome measures

# Completion date

24/04/2025

# **Eligibility**

## Key inclusion criteria

All COVID-19 cases are eligible for inclusion (COVID-19 cases that pre-decease the start of the registry are eligible)

# Participant type(s)

Patient

# Healthy volunteers allowed

No

## Age group

All

#### Sex

All

# Key exclusion criteria

Does not meet inclusion criteria

# Date of first enrolment

30/07/2020

# Date of final enrolment

24/04/2024

# Locations

#### Countries of recruitment

United Kingdom

England

Afghanistan

Åland Islands

Albania

Algeria

American Samoa

Andorra

Angola

Anguilla

Antarctica

Antigua and Barbuda

Argentina

Armenia

Aruba

Australia

Austria

Azerbaijan

**Bahamas** 

Bahrain

Bangladesh
Barbados
Belarus
Belgium
Belize
Benin
Bermuda
Bhutan
Bolivia
Bonaire Saint Eustatius and Saba
Bosnia and Herzegovina
Botswana
Bouvet Island
Brazil
British Indian Ocean Territory
Brunei Darussalam
Bulgaria
Burkina Faso
Burundi
Cabo Verde
Cambodia
Cameroon
Canada
Cayman Islands
Central African Republic
Chad

Chile
China
Christmas Island
Cocos (Keeling) Islands
Colombia
Comoros
Congo
Congo, Democratic Republic
Cook Islands
Costa Rica
Croatia
Cuba
Сигаçао
Cyprus
Czech Republic
Côte d'Ivoire
Denmark
Djibouti
Dominica
Dominican Republic
Ecuador
Egypt
El Salvador
Equatorial Guinea
Eritrea
Estonia

Eswatini
Ethiopia
Falkland Islands
Faroe Islands
Fiji
Finland
France
French Guiana
French Polynesia
French Southern Territories
Gabon
Gambia
Georgia
Germany
Ghana
Gibraltar
Greece
Greenland
Grenada
Guadeloupe
Guam
Guatemala
Guernsey
Guinea
Guinea-Bissau
Guyana

Kuwait

Kyrgyzstan
Lao People's Democratic Republic
Latvia
Lebanon
Lesotho
Liberia
Libya
Liechtenstein
Lithuania
Luxembourg
Macao
Madagascar
Malawi
Malaysia
Maldives
Mali
Malta
Marshall Islands
Martinique
Mauritania
Mauritius
Mayotte
Mexico
Micronesia, Federated States of
Moldova
Monaco

Mongolia
Montenegro
Montserrat
Могоссо
Mozambique
Myanmar
Namibia
Nauru
Nepal
Netherlands
New Caledonia
New Zealand
Nicaragua
Niger
Nigeria
Niue
Norfolk Island
North Macedonia
North Macedonia Northern Mariana Islands
Northern Mariana Islands
Northern Mariana Islands Norway
Northern Mariana Islands Norway Oman
Northern Mariana Islands Norway Oman Pakistan
Northern Mariana Islands Norway Oman Pakistan Palau



Sierra Leone
Singapore
Sint Maarten (Dutch part)
Slovakia
Slovenia
Solomon Islands
Somalia
South Africa
South Georgia and the South Sandwich Islands
South Sudan
Spain
Sri Lanka
Sudan
Suriname
Svalbard and Jan Mayen
Sweden
Switzerland
Syria
Taiwan
Tajikistan
Tanzania
Thailand
Timor-Leste
Togo
Tokelau
Tonga

Trinidad and Tobago
Tunisia
Turkmenistan
Turks and Caicos Islands
Tuvalu
Türkiye
Uganda
Ukraine
United Arab Emirates
United States Minor Outlying Islands
United States of America
Uruguay
Uzbekistan
Vanuatu
Venezuela
Viet Nam
Virgin Islands, British
Virgin Islands, U.S.
Wallis and Futuna
Western Sahara
Yemen
Zambia
Zimbabwe

Study participating centre Addenbrookes Hospital Hills Road

# Sponsor information

# Organisation

Cambridge University Hospitals NHS Foundation Trust

#### **ROR**

https://ror.org/04v54gj93

#### Organisation

University of Cambridge

#### **ROR**

https://ror.org/013meh722

# Funder(s)

## Funder type

University/education

#### **Funder Name**

Cambridge Biomedical Research Centre

# **Results and Publications**

# Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are available from the corresponding author on reasonable request.

# IPD sharing plan summary

Available on request

# Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes
Study website	Study website	11/11/2025	11/11/2025	No	Yes