

COVID-19 Research



The RECOVERY Trial is testing these suggested treatments on COVID19+ patients:

Azithromycin
Tocilizumab
ABO-compatible convalescent plasma
Synthetic neutralising antibodies
Tocilizumab – At 2nd randomisation
Low-dose Dexamethasone – Children only
Normal human immunoglobulin (IVIg) – Children only
Methylprednisolone sodium succinate – Children Only

Data from the trial will be regularly reviewed so that any effective treatment can be identified quickly and made available to all patients.

The RECOVERY Trial team will constantly review information on new drugs and include promising ones in the trial.

Total Recruited – 87



Clinical Characterisation Protocol for Severe Emerging Infection

To gain important information about COVID-19 in order to try to find better ways to manage and treat this infection in the future.

Information is collected from routine clinical records such as signs and symptoms, medications being taken, and the results of any blood test and laboratory results that doctors have ordered in hospital.

Samples may be collected which are in addition to what would normally be collected for your medical care, if recruited to Tier 2

Total Recruited - 318



Susceptibility to COVID-19 is almost certainly, in part, genetic.

GenOMICC can find the genes that cause susceptibility, which may help to prioritise treatments to respond to the global crisis. GenOMICC was designed for this crisis.

All patients with confirmed COVID-19 in critical care are eligible for GenOMICC.

Total Recruited – 26

The PRIEST study: Pandemic Respiratory Infection Emergency System Triage

To optimise the triage of people using the emergency care system (111 and 999 calls, ambulance conveyance, or hospital emergency department) with suspected respiratory infections during a pandemic.

To identify the most accurate triage method for predicting severe illness among patients attending the emergency department with suspected respiratory infection.

Total Recruited - 224 (Now Closed)



PAN-COVID will develop a global database detailing a number of outcomes (death of the baby or mother, stillbirth, miscarriage, pregnancy complications, gestational age at delivery, delivery method and testing the baby for SARS-CoV-2).

The aim of this database is to understand the natural history of SARS-CoV-2 and COVID-19 and the impact on mothers and their babies to guide both treatment and prevention.

Total Recruited – 5



A trial designed by clinicians who cared for patients and conducted research during the 2009 H1N1 pandemic.

The goal is to generate evidence that can be applied during the pandemic to reduce mortality or reduce the length of ICU admission in critically ill patients with COVID-19 infection.

Total Recruited – 2

Psychological Impact of COVID- 19

To explore the psychological impact of COVID-19 outbreak and the resultant restrictions in terms of behavioural, emotional and social factors.

Questions will be asked of the data collected to see what factors may be supportive or more detrimental to wellbeing.

The general public including health professionals and those with pre-existing mental health conditions will be invited to complete the survey.

Total Recruited - 443 (Now Closed)

SIREN- SARS-COV2 Immunity and Reinfection Evaluation

Healthcare workers to be followed for at least a year to study their immune response to the virus causing COVID-19.

This will be done by collecting data on their history of COVID-19 infection and any new symptoms. All NHS staff who deliver care to patients will be asked to have a nose and throat swab every other week in order to detect mild cases or cases who do not have symptoms.

Total Recruited - 326

Canine Coronavirus Detection

To determine whether trained dogs could detect asymptomatic, pre-symptomatic and prodromal symptomatic coronavirus infections in adults aged 20-70 years old.

We will approach all NHS staff who are due to be screened for SARS-CoV-2

Participants will be asked to provide a nasal/throat swab for detection of SARS-CoV-2 by real-time RT-PCR, to wear a face mask for 3 hours and a pair of nylon socks for 12 hours and complete a short data collection sheet.

Upon confirmation of positive or negative swabs, the samples will be divided into two study groups.

Total Recruited – 136

Total – 1567 participants recruited to COVID-19 Research

Data cut from 1st participant recruited onto COVID-19 Research at SFH 17/03/2020 to 21/09/2020