



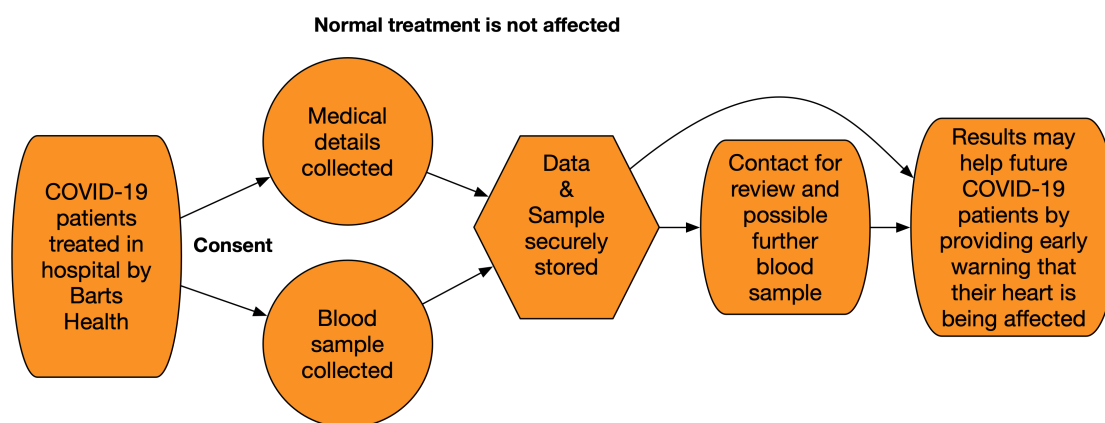
Study Summary

Previous studies have shown that up to 10% of patients suffer heart injury due to an immune response rather than ‘simple’ physical damage. It is possible to test for the different immune response cells in the blood to see when this is happening.

One of the severe effects of COVID-19 appears to be damage to the body's own organs by unusual immune responses that sometimes follow the infection. This can lead to dangerous heart injury and other complications.

The **RO**le of **AD**aptive Immunity in **CO**VID-19 Associated Myocardial Injury

ROAD-COVID19



This study will examine the blood of COVID-19 patients treated in the hospitals of Barts Health NHS Trust. There will be two groups of patients — those who have no heart injury and those who have suspected heart injury.

Blood samples will be analysed and compared to see if it is possible to create a test that will give doctors early warning of a dangerous immune response so that the necessary treatment can be started.

Being involved in this study does not change normal treatment, but may benefit others in the future.

This study is sponsored by Barts Health NHS Trust:



Information on COVID-19 studies at Barts Health is available at <https://www.bartshealth.nhs.uk/covid-trials>