

Severe SARS-CoV2 related disease in low and middle income country children aged 0-19 years: a multicountry observational study in a network of hospitals

Date and name of person providing the information

Karen Edmond, 19 February 2021

Title of research project

Severe SARS-CoV2 related disease in low and middle income country children aged 0-19 years: a multicountry observational study in a network of hospitals

What are / were the main research questions addressed by this study?

Our overall aim is to understand the clinical characteristics of SARS-CoV2 related disease in neonates, children and adolescents aged 0-19 years presenting to hospital in LMICs.

Our objectives are to use hospital network surveillance systems to:

1. Describe clinical presentations, comorbidities, diagnostic and laboratory features, currently available therapies, and long-term outcomes
2. Understand the association between severity of SARS-CoV2 related disease and comorbidities in LMIC children

Programmatic Implications of the study

Results will be disseminated at country and regional levels at regular intervals and will be used improve clinical practice guidelines and protocols in collaboration with the network hospitals in all countries.

What are the start and end dates for the data collection?

1 January 2020 to 31 September 2021

Geographical location

Ethiopia, India, Pakistan, South Africa

Who are / were the principal investigators? (Individual names, Institutions)

Rahel Argaw, Addis Ababa University, Ethiopia
Shinjini Bhatnagar, Translational Health Science and Technology Institute, India
Qalab Abbas, Aga Khan University, Pakistan
Ameena Goga, South Africa Medical Research Council

Main external funders

WHO Emergencies

Link to an Internet site providing further details (e.g. clinical trial registration)

None currently

FOR COMPLETED PROJECTS ONLY:

What were the main findings/ conclusions

Main scientific publication (URL)

Guidelines or other main WHO product (e.g. revised tool) derived from/ informed by study