

## Supplementary File 1: Ethical Approval obtained for each study

### Bangladesh-1:

- Emory University Internal Review Board (Georgia, USA)
- Iccdr,b Internal Review Board (Dhaka, Bangladesh)

### Bangladesh-2:

- James P Grant School of Public Health Ethical Review Committee, BRAC University (Dhaka, Bangladesh)

### Cameroon:

- The London School of Hygiene and Tropical Medicine Observational/ Interventions Research Ethics Committee (London, UK)
- National Ethics Committee for Research in Human Health (CNERSH, Cameroon)
- Cameroon Baptist Convention Health Board Institutional Review Board (Cameroon)

### India:

- The London School of Hygiene and Tropical Medicine Observational/ Interventions Research Ethics Committee (London, UK)
- Indian Institute of Public Health Hyderabad Institutional Ethics Committee (India)
- Government of India Health Ministry Screening Committee (India)

### Malawi:

- The London School of Hygiene and Tropical Medicine Observational/ Interventions Research Ethics Committee (London, UK)
- National Commission for Science and Technology (Lilongwe, Malawi)