The effects of the COVID-19 pandemic on community-based participatory research: Reflections from a study in an informal settlement in Nairobi, Kenya.

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Background & Objective

- Involvement of lay researchers vital to participatory research
- COVID-19 pandemic disrupted (participatory) research
- Limitations of participatory digital research methods

Objective: To reflect on COVID-19 pandemic and its effects on community-based participatory research (CBPR) and community co-researchers in an informal settlement in Nairobi, Kenya.
The Korogocho ALIV[H]E study

Community-based participatory study on the prevention of HIV and intimate partner violence in informal settlements

• Initially halted the study (March 2020)
• Emerging reports of pandemic-related increases in domestic violence
• Protocol amended and study resumed (August 2020)
• Research team: 4 researchers & 11 community co-researchers
• Data collection: 11 focus groups & 8 key informant interviews
Mitigating risk of infection during study

- Amendment of research activities
- Consistent information on COVID-19
- Body temperature checks
- Hand sanitisers and face masks
- Non-handshake greetings
- Physical distancing
- Excluding sick participants
- Regular review of protocol
Navigating inequalities – amplified by COVID-19 pandemic

COVID-19 pandemic amplified inequalities between informal and formal settlements, and within informal settlements

- Weekly visits to the study site (August 2020–July 2021)
- Regular debriefing, incl. observations & reflections among researchers – as outsider from formal settlements
- Discussions with co-researchers on the impact of COVID-19 pandemic on the study and community

Photo credit: “Empty stalls due to lockdown” by World Bank Photo Collection
Implementing infection control protocols

- Operating in an informal settlement where observing general pandemic control measures is challenging
- Study protocols acceptable to co-researchers and participants
- Clarified misconceptions about COVID-19
Substantial differences in concerns about own children’s future

- All parents – researchers & co-researchers – concerned about children’s future
- Worries of co-researchers more substantial than those of researchers
- Re-opening of schools – relief for researchers, stress for co-researchers
Study protocols put to the test

- COVID-19 cases in the community and study team
- 2nd Nairobi lockdown interrupted data analysis
- Overcoming interruption through virtually-connected remote meetings
- Co-researchers continue with data analysis with minimal support
During pandemics, community-based participatory studies should...

- consider risk of conducting or not-conducting study and risk of infection
- adopt evidence-based measures to mitigate risk of infection
- consider circumstances and social power of co-researchers and researchers to mitigate harm
- regularly review and adapt protocols in view of dynamic situation.
Asante sana. Thank you.

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View our ICH2021 poster “Slum dwellers are at increased risk of intimate partner violence and HIV as they cope with the COVID-19 pandemic and its effects”.

For additional information about the methods of and lessons from the study, scan the QR code and watch our presentation online.

**LINKS**

ARISE Hub: [https://www.ariseconsortium.org/](https://www.ariseconsortium.org/)
Community Health: [https://www.lstmed.ac.uk/community-health-systems-group](https://www.lstmed.ac.uk/community-health-systems-group)
LSTM: [https://www.lstmed.ac.uk/](https://www.lstmed.ac.uk/)
LVCT Health: [https://lvcthealth.org/](https://lvcthealth.org/)
ALIV[H]E: [https://salamandertrust.net/resources/alivhe-framework/](https://salamandertrust.net/resources/alivhe-framework/)

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