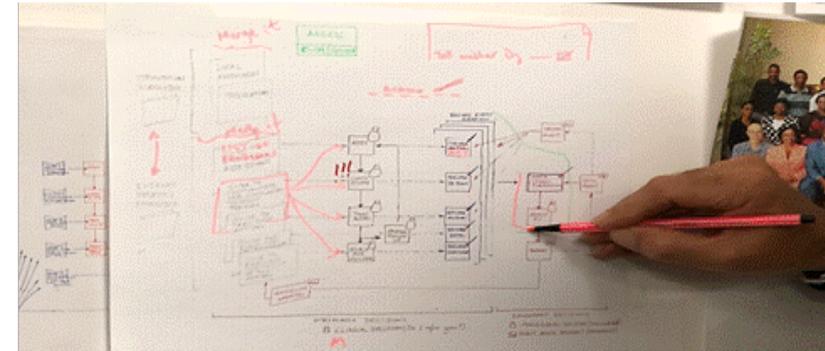




Workstream 5 (WS5)

Testing the paper-based intervention



WHAT IS WS5 ABOUT?

In WS5, we will test innovative Health Information System (HIS) tools (developed in WS4) in Côte d'Ivoire, Mozambique and Nigeria.

The main research question is: "What are the effects of paper-based HIS interventions on the quality and use of data and on health related outcomes in primary health care of low- to middle-income countries?"

WHICH METHODS WILL BE USED IN WS5?

In each of the three countries, a cluster randomized controlled trial will be conducted to test the effects of the newly designed HIS.

In each country, one region, province or district will be chosen as study sites: in half of these sites, health facilities will have the newly-designed HIS (intervention areas). Health facilities in the control areas will continue to use the current HIS.

The trial will take place for a minimum of 12 months during which time data from all sites will be monitored at regular intervals. Data collected will be used to measure a series of outcomes in intervention and control areas and be sensitive to alerting any adverse effects of the intervention.

WHAT ARE THE EXPECTED FINDINGS OF WS5?

Since the allocation of the health facilities to the intervention or control groups will be randomised, any measured effects can be attributed to the new intervention. We will measure outcomes in the following areas:

- 1) Data quality and data use
- 2) Health outcomes
- 3) Utilisation of health services
- 4) Job satisfaction
- 5) Costs

WHAT ARE THE IMPLICATIONS OF WS5 FOR PHISICC?

The results of the randomised controlled trials will pioneer the provision of robust research evidence on whether innovative paper-based HIS can make a difference to data quality and health related outcomes filling a fundamental knowledge gap in Health Systems Research and Global Health.

For more information visit www.paperbased.info

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