THRIVE Multi-site Phase 1 Study for adaptation and field assessment research of Open Smart Register Platform (Open SRP)

Current Project Brief

Objectives and Background

Paper registers present strategic challenges for tabulation and access to real-time data for decision-making, monitoring health worker performance at district or national level, and providing a reasonable level of accountability for authentic and complete individual data records. The ubiquity of mobile technology, such as phones and tablets, and their increasing penetration among even the most remote and marginalized populations has provided a platform for innovators to creatively target pervasive health system challenges. Open Smart Register Platform (OpenSRP) aims to provide an integrated health platform to improve frontline workforce efficiencies, data quality, and timeliness of RMNCH interventions to enhance maternal and neonatal health outcomes. The OpenSRP is a digital, tablet-based register platform that covers the entire RMNCH continuum of care and related core interventions, such as antenatal care, birth planning, and vaccination. The goal of this study is to determine the adaptation requirements, implementation components, and effect of an electronic information system as an intervention on the performance of health workers delivering RMNCH services. The findings of this study will yield the adapted and generic forms of the platform, as well as informing a subsequent multi-site randomized controlled trial aimed at demonstrating impact and cost-effectiveness. The research will be conducted among frontline health worker cadres providing RMNCH services and managerial health staff across the research sites.

Geographic location

Bangladesh, Indonesia, Pakistan, India and one site in Africa—to be determined

Main deliverables

1. Mapping of health workers’ responsibilities and workflow processes, routine HMIS and data reporting needs, and experiences associated with RMNCH interventions and information systems for establishing functionality requirements of OpenSRP.
2. Adapted version of OpenSRP that meets health service delivery and information system needs according to the functionality and usability requirements for targeted cadres.
3. Limited deployment of OpenSRP with each cadre to determine the factors necessary for high fidelity implementation and assess the perceived value and effect on worker performance and efficiency.

Partners

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